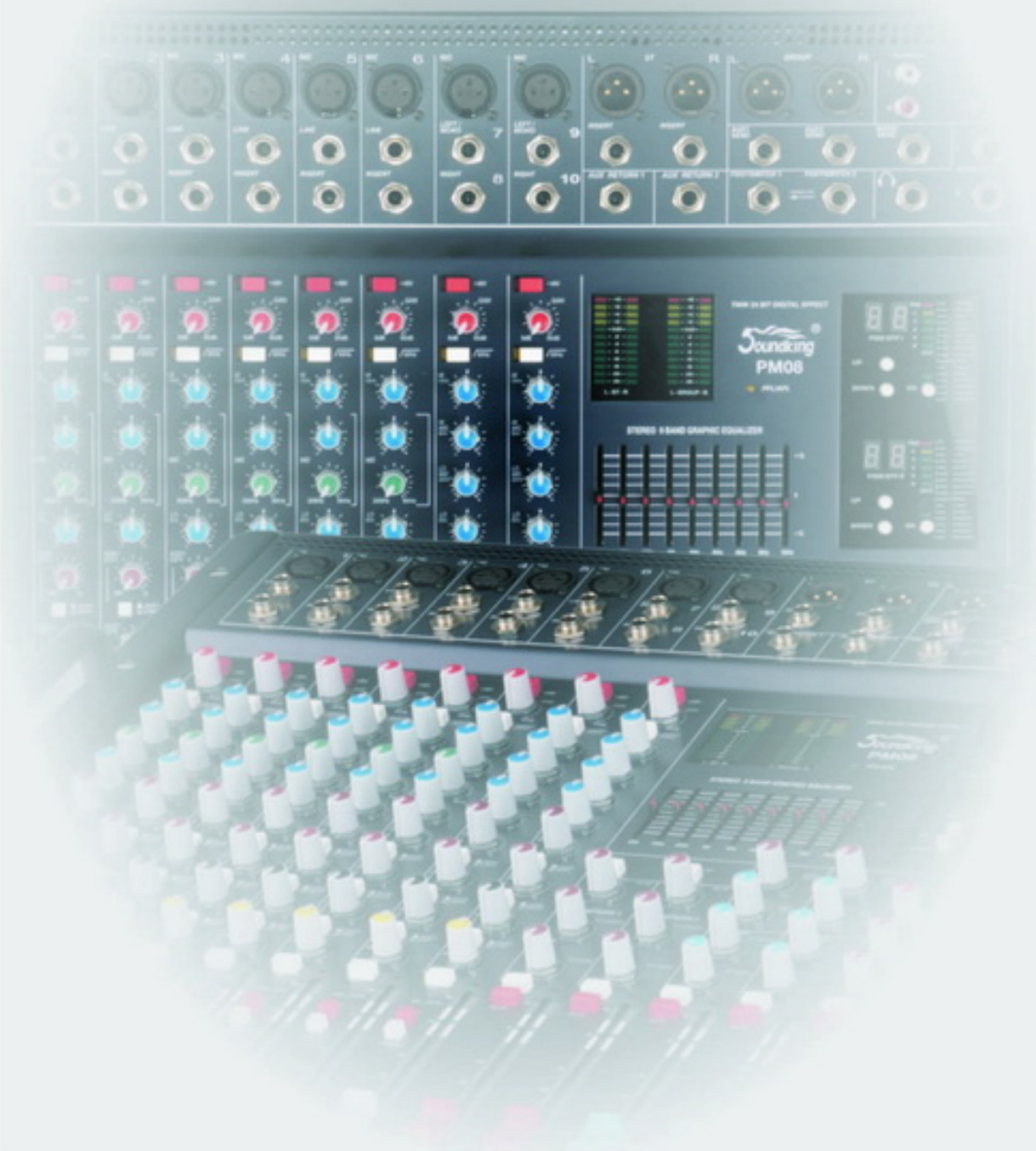
# MIXING CONSOLE




## MIXING CONSOLE

NEW

Dual DSP

PG-08/PM-08
PM-12/PM-16

**Introduction:**

The P series Mixer meets the demands of Commercial Performance and Professional Performance,features compact design,portable,easy-to-use,and high performance-price ratio.

P series mixer adopts main mix and subgroup routing switches,built-in excellent quality dual DSP,9-segment graphic EQ and high efficiency switching power supply.

**Feature**

1. ALPS 100mm fader
2. Built-in +48V phantom power per channel
3. 3-band equalizer, Mid sweeping frequency equalizer
4. Precise LED level indicator
5. Low noise MIC amp
6. Built-in dual DSP effect
7. Gooseneck lamp
8. PG-08 19" standard rack mounted

# MIXING CONSOLE

**PG-08/PM-08/PM-12/PM-16**

| Model | Mic Input | Stereo Input | Dual Effects | Aux | Dsp | MONO | Stereo L/R Output | Group L/R Output | Weight（kg） | Dimension(mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| PG-08 | 6 | 2 | √ | 2 | 2 | 1 | 2 | 2 | 8.2 | 625×600×285 |
| PM-08 | 6 | 2 | √ | 2 | 2 | 1 | 2 | 2 | 8.2 | 625×600×285 |
| PM-12 | 10 | 2 | √ | 2 | 2 | 1 | 2 | 2 | 11.0 | 755×635×305 |
| PM-16 | 12 | 4 | √ | 2 | 2 | 1 | 2 | 2 | 12.9 | 870×635×305 |

| Gain | Frequency Response | Equivalent Input noise | Output Level | Meter | Distortion | Lamp |
|---|---|---|---|---|---|---|
| 70dB | (20Hz~20kHz) ± 1dB | -125dB(unweighted) | Max +20dB(bad) | 12 Segment<br>-36dB to 12dB | ≤0.01dB%<br>(20Hz~20kHz) | 3-pin XLR MAX 12V<br>0.3W LED Lamp |

| EQ | MIC CH | LINE CH | Rated Power |
|---|---|---|---|
| | LF: ± 15dB 50Hz<br>MID: ± 15dB (250Hz~5kHz optional)<br>HF: ± 15dB 12kHz | LF: ± 15dB 50Hz<br>LM: ± 15dB 300Hz<br>HM: ± 15dB 5kHz<br>HF: ± 15dB 12kHz | 50W |

# MIXING CONSOLE

Dual DSP

PMG-08/PMA-08
PMA-12/PMA-16

**Introduction:**

The P series Mixer meets the demands of Commercial Performance and Professional Performance, features compact design, portable, easy-to-use, and high performance-price ratio.
P series mixer adopts main mix and subgroup routing switches, built-in excellent quality dual DSP, 9-segment graphic EQ CLASS H amplification and high efficiency switching power supply.

**Features:**

1.Built-in +48V phantom power per channel
2.3-band equalizer, Mid sweeping frequency Equalizer
3.Precise LED level indicator
4.Low noise MIC amp
5.Built-in Dual DSP effect
6.Gooseneck lamp
7.PMG-08 19" standard rack mounted

REAR

# MIXING CONSOLE

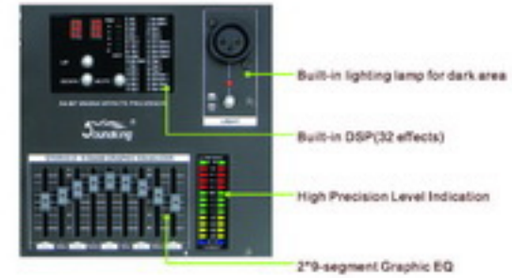
**PMG-08/PMA-08/PMA-12/PMA-16**

| MIC Channel | | LINE Channel | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Gain MIC | Gain Line | Gain MIC | Gain Line | Max Output | Power Output | Frequency Response | Residual Noise | THD |
| +6dB ~ +50dB | -14dB~ +30dB | +8dB ~ +50dB | -12dB ~ +30dB | +20dBu (load 600 ohms) | 500Wx2 (load 4 ohms)RMS | ±1dB(20Hz~20kHz) | >-98dB | Less than 0.01%(1KHz +14 dBu) |

| EQ | MIC CH | LINE CH |
|---|---|---|
| | LF: ± 15dB 50Hz | LF: ± 15dB 50Hz |
| | MID: ± 15dB(250Hz~5kHz optional) | LM: ± 15dB 300Hz |
| | HF: ± 15dB 12kHz | HM: ± 15dB 5kHz |
| | | HF: ± 12dB 12kHz |

| Power Mixer | | | | |
|---|---|---|---|---|
| PMG-08 | 6 MIC IN | 2 LINE IN | 2x500W | Amplifier and Dual DSP |
| PMA-08 | 6 MIC IN | 2 LINE IN | 2x500W | Amplifier and Dual DSP |
| PMA-12 | 10 MIC IN | 2 LINE IN | 2x500W | Amplifier and Dual DSP |
| PMA-16 | 12 MIC IN | 4 LINE IN | 2x500W | Amplifier and Dual DSP |

# MIXING CONSOLE



AS1404CED/GED
AS1804CED
AS2204CED

**Introduction**

This series of mixer is an ideal audio equipment with fashionable appeal, professional performance, built-in 2×9 graphic EQ and high quality DSP ( 32 program, e.g., hall, live show, delay, reverb, etc.), class H power amplifier, switch power, etc..

AS1404 Dimension(WxDxH) : 484x410x110(mm)
Weight : 9kg

AS1804 Dimension : 590x410x110(mm)
Weight : 11kg

AS2204 Dimension(WxDxH) : 696x410x110(mm)
Weight : 13kg

| Model | MIC Input | Stereo-AUX line input CH | Tape in | Stereo Main output | ALT-stereo output | CTRL Rom stereo output | EFF AUX output | Tape output |
|---|---|---|---|---|---|---|---|---|
| AS1404GED | 10 | 4 | 2 | 2 | 2 | 2 | 2 | 2 |
| AS1404CED | 10 | 4 | 2 | 2 | 2 | 2 | 2 | 2 |
| AS1804CED | 14 | 4 | 2 | 2 | 2 | 2 | 2 | 2 |
| AS2204CED | 18 | 4 | 2 | 2 | 2 | 2 | 2 | 2 |

# MIXING CONSOLE

AS1404CEDC/GEDC
AS1804CEDC
AS2204CEDC

**FEATURES**

- 48V phantom power for mixer and condenser mic;
- Hi/mid/low EQ for each channel, mid is parametric;
- Switch mode power, class H power amplifier;
- Built-in 2×9 graphic EQ
- Lighting system for operation in dark.
- Built-in DSP(32 effects)
- High Precision Level Indication
- 2*9-segment Graphic EQ

C:series CED:with DSP 2x9 Band Graphic
CEDC:with DSP processor 2x9 Band Graphic equalizer stereo power AMP
G:(19")Rack-Mount

| Gain | Frequency response | Equivalent input noise | Output level | Equalizer : Single | 2×9-segment Graphic EQ Center Frequency | Distortion |
|---|---|---|---|---|---|---|
| 70dB | (20Hz-20KHz) ±1dB | -125dB (unweighted) | Max.+26dB (balance)<br>Max.+22dB (Unbalance) | LF: ±15dB 100Hz<br>LM:±15dB (350Hz-5KHz optional)<br>HF:±15dB 10 KHz | 63Hz、125Hz、250Hz、500Hz、1KHz、2KHz、4KHz、8KHz、16KHz | <0.01dB% (20Hz-20KHz) |

# MIXING CONSOLE

AS10

**Introduction**
This series of Professional Mixing consoles was designed for live sound application, especially suited for large and medium live situation. Along with its professional appearance and advanced technology that is dedicated to high performance, reliability and price ratio.
To ensure best performance we utilize top grade components to guarantee sonic quality. Such as: Top grade Microphone -preamp and Balanced outputs (Burr-Browns); Precision 100 mm fader (ALPS); high quality noise XLR and Jacks. With all these elements incorporated you can be sure that the AS series mixing console will shine out among the others.

Applications
Widely applied in live performance, studio recording and outdoor sound reinforcement projects.

**Features**

- Built-in +48V phantom power
- Precise level indication
- Top grade 100mm fader and ALPS potentiometer
- 10-12-channel low noise MIC amp, 2 stereo inputs
- 4-band semi-parametric EQ
- 80Hz-12dB/oct high pass switch for every MIC channel
- Gooseneck lamp
- 1K signal oscillator, pink noise generator
- Individual talkback for all outputs
- Universal power supply

# MIXING CONSOLE

AS12

| Model | MIC Input | Stereo input | Stereo insert/Return | LRM Output | GRoup Output | AUX Output | Matrix Output |
|---|---|---|---|---|---|---|---|
| AS10 | 10 | 2 | 2 | 3 | 4 | 6 | 2 |
| AS12 | 12 | 2 | 2 | 3 | 4 | 6 | 2 |

| Gain | Frequency | Equivalent input noise | Output | Level | Main level | Distortion | Lamp |
|---|---|---|---|---|---|---|---|
| 70dB | 20Hz-20KHz ±1dB | -125dB (Unweighted) | Max.+26dB (Balance) | Max.+21dB (Unbalance) | 12 segment (-30 dB to 16dB) | <0.01dB% (20Hz-20KHz) | 3-pin XLR MAX 12V 0.3W LED Lamp |

Equalizer：

| MIC CH | LINE CH |
|---|---|
| LF: ±15dB 80Hz | LF: ±15dB 80Hz |
| LM: ±15dB (35Hz-1KHz optional) | LM: ±15dB 250Hz |
| HM:±15dB (500Hz-15KHz optional) | HM: ±15dB 2.5KHz |
| HF: ±15dB 12KHz | HF: ±15dB 12KHz |

# MIXING CONSOLE

AS16

**AS24**

AS32

AS48

**Introduction**

This series of Professional Mixing consoles was designed for live sound application, especially suited for large and medium live situation. Along with its professional appearance and advanced technology that is dedicated to high performance, reliability and price ratio.

To ensure best performance we utilize top grade components to guarantee sonic quality. Such as: Top grade Microphone -preamp and Balanced outputs (Burr-Browns); Precision 100 mm fader (ALPS); High quality noise XLR and Jacks . With all these elements incorporated you can be sure that the AS series mixing console will shine out among the others.

**Applications**

Widely applied in live performance, studio recording and outdoor sound reinforcement projects.

# MIXING CONSOLE

AS16 AS24 AS32 AS48

2U High-performance Independent Power

Front

Rear

**Features**

- Built-in +48V phantom power
- Precise level indication
- Top grade 100mm fader and ALPS potentiometer
- 10-12-channel low noise MIC amp, 2 stereo inputs
- 4-band semi-parametric EQ
- 80Hz-12dB/oct high pass switch for every MIC channel
- Gooseneck lamp
- 1K signal oscillator, pink noise generator
- Individual talkback for all outputs
- Universal power supply

| Gain | Frequency | Equivalent input noise | Output | Level | Main level | Distortion | Lamp |
|---|---|---|---|---|---|---|---|
| 70dB | (20Hz-20KHz) ±1dB | -125dB (Unweighted) | Max.+26dB (Balance) | Max.+21dB (UnBalance) | 12 segment (-30dB to16dB) | ≤0.01dB% (20Hz-20KHz) | 3-pin XLR MAX 12V 5W Lamp |

| MIC CH | LINE CH |
|---|---|
| LF: ±15dB 80Hz | LF: ±15dB 80Hz |
| LM: ±15dB(35Hz-1KHz optional) | LM: ±15dB 250Hz |
| HM:±15dB(500Hz-15KHz optional) | HM:±15dB 2.5KHz |
| HF: ±15dB 12KHz | HF: ±15dB 12KHz |

| Mode | MIC Input | Stereo input | Stereo insert/Return | LRM Output | GRoup Output | AUX Output | Matrix Output |
|---|---|---|---|---|---|---|---|
| AS16 | 12 | 4 | 2 | 3 | 4 | 6 | 2 |
| AS24 | 20 | 4 | 2 | 3 | 4 | 6 | 2 |
| AS32 | 28 | 4 | 2 | 3 | 4 | 6 | 2 |
| AS48 | 44 | 4 | 2 | 3 | 4 | 6 | 2 |

| Flight case Dimensions |
|---|
| AS16:1091x259x847(mm) |
| AS24:1319x259x847(mm) |
| AS32:1520x259x847(mm) |
| AS48:1640x259x847(mm) |

# MIXING CONSOLE

NEW

MIX02AU

USB

MIX04AU

USB

MIX02A
MIX02AU
REAR PANEL

MIX04A
MIX04AU
REAR PANEL

MIX02-1A

MIX02-1A

MIX02A

A

# MIXING CONSOLE

**MIX02-1A**

Feature

2/4 Mic/line input, 48V phantom power, used for condenser microphone.
2way stereo line input
2 band EQ, +/-15dB EQ at 80Hz &12KHz
Main output control (L/R)
Headphone output control
RCA input/output
4band LED level indicator
Compact external structure;be applicable for different locations;
Operation is friendly and easy;
External power supply,(100-265V) can be used for any countries.
Dimension:165x120x68mm

**MIX02A/MIX02AU/MIX04A/MIX04AU**

Feature

1. 2 Mic inputs/4 Line inputs,48V phantom power
2. 2 stereo line inputs
3. ¢ 3.5mm CD input
4. 2 band EQ. ±15dB EQ at 80Hz &12KHz
5. Main output control (L/R)
6. Earphone output control
7. RCA input/output
8. 1 Aux output
9. 4-band LED level indicatior
10. Compact design for variety of installations
11. External power supply (100-265V)
12. USB recording and playing function

**Model:MIX02A/MIX02AU/MIX04A/MIX04AU**

| Frequency Response | THD (+10dBu) | Residual Nois | SNR | Gain Range(±2dB) | Equalization(+0,-1dB) | Max. Output(±1dB) |
|---|---|---|---|---|---|---|
| 20Hz to 20kHz | <0.06% | -105dB | -85dB | Mic input: -20dB to +45dB<br>Line input: -20dB to +25dB | HI: ±15dB@12kHz<br>LOW: ±15dB@ 80Hz | Main/Aux: +21dB ±2dB<br>Earphone: +18dBu ±2dB |

| Input Impedance | Output Impedance | LED level Indicator | Phantom Power | Power Supply | Power Consumption |
|---|---|---|---|---|---|
| Mic:2.3kΩ bal<br>Line:20kΩ bal<br>CD/RCA: 24kΩ unbal | RCA: 1k<br>Earphone:25 | (Clip), 0 ,-10 ,-20 , | ±48VDC | AC100V ---240V(50/60Hz)<br>DC12V switch power adapter | 11W |

| Dimension:(WxDxH) | Net Weight: |
|---|---|
| 220x160x68mm(MIX02A/MIX02AU) | 0.78kg (MIX02A/MIX02AU) |
| 220x210x68mm(MIX04A/MIX04AU) | 0.98kg (MIX04A/MIX04AU) |

# CABINET POWER MIXER

**Introduction:**

AE series 8-CH power mixer are designed with built-in amplifier, support USB playing, power output are available of 1000W and 600W. The AE8600FXW is included a built-in wireless module. By adopting transformer power supply to provide more stable working condition.

**Features:**

1.Mic/line balanced input, 3-segment EQ per channel, SG/PEAK Led indicate the signal level of pre-amp.
2.Built-in DSP with 100 position preset selector (10 preset x 10 variation) Mute switch& Foot-switching
3.7-segment individual graphic EQ with feedback Locator function for Main output and Monitor Output.
4. Accurate output level indicator, Outputs are Monitor Out, Tape out, Main out, FX send FX return, limiter for pre-amp, MP3 signal can be played or paused by foot-switch.
5.48V phantom power for condenser microphone
6.Low distortion power amplifier, output Power: AE81000FX:500W*2 (4Ωload), AE8600FXW:300W*2 (4Ω load)
7.115V/230V Voltage selector

AE81000FXW

| Model | AE81000FX |
|---|---|
| Frequency Response | 20Hz~20KHz±3 dB |
| Gain Line | 50 dB Balanced<br>20 dB (Unbalanced) |
| Input Impedance | 10KΩ(Unbalanced input @ Balanced Input) |
| Output Impedance | 120Ω |
| EQ | HI±15dB@12KHz<br>MID±15dB@2.5KHz<br>LOW±15dB@100Hz |
| Input Sensitivity | +22 dB |
| Amplifier Power Output | 2*500W(4Ω 1%THD) |
| Amplifier Frequency Response | 20Hz~20KHz±3dB |
| Protections | Turn-on delay, Over-heat, Over voltage, under-voltage, Short Circuit, DC |
| S/N Ratio | >80dB |
| Power Requirements | 110~120@220~240AC 50/60Hz |
| Dimension(W*H*D) | 453*425*421 |
| Weight | 21Kg |

# WIRELESS CABINET POWER MIXER

AE8600FXW

**Optional**

Waitband collar clip wireless microphone

EW018SL

handheld MIC

EW26TH

| Model | AE8600FXW |
|---|---|
| Frequency Response | 20Hz~20KHz±3 dB |
| Gain Line | 50 dB Balanced<br>20 dB（Unbalanced） |
| Input Impedance | 10KΩ(Unbalanced input @ Balanced Input) |
| Output Impedance | 120Ω |
| EQ | HI±15dB@12KHz<br>MID±15dB@2.5KHz<br>LOW±15dB@100Hz |
| Input Sensitivity | +22 dB |
| Amplifier Power Output | 2*300W(4Ω 1%THD) |
| Amplifier Frequency Response | 20Hz~20KHz±3dB |
| Protections | Turn-on delay, Over-heat, Over voltage, under-voltage, Short Circuit, DC |
| S/N Ratio | >-80dB |
| Power Requirements | 110~120@220~240AC 50/60Hz |
| Dimension(W*H*D) | 453*425*421 |
| Weight | 22Kg |
| Wireless | Receiving Distance50M<br>Receiver Frequency780MHz/810MHz |

# CABINET POWER MIXER

**FEATURES**

- Input CH: 4MIC (XLR) 4 LINE (Hi-Z) (AE42B/BD);
- Input CH: 2MIC (XLR) 2 LINE (Hi-Z) 2 STEREO (1/4" PHONE JACK OR RCA JACK) (AE62G/GD);
- Input CH: 3 MIC (XLR) 3 LINE (Hi-Z) 2 STEREO (1/4" PHONE JACK OR RCA JACK) (AE72G/GD);
- TREBLE BASS EFF VOLUME adjustments on each channel;
- High efficiency CLASS D power amplifier;
- Switch power supply, more than 90% efficiency;
- Built-in Electronic Reverb (AE42B/AE62G/AE72G);
- Built-in DSP (AE42BD/AE62GD/AE72GD);
- Record out,Line out, Footswitch, EFF return;
- Switch power supply;

**APPLICATION**

Meeting, show, address, teaching, etc .

**SOUDKING AE** series powered mixer are specially designed for meeting, show, address, teaching and entertainment, with unique & elegant appeal, easy to operate. The imported DSP makes their performance more outstanding. These products adopt ratio with excellent performance and high power, CE, CCC, ETL certificated, and are manufactured as ISO9001.

AE42B
AE42BD

AE62 G/GD

AE72 G/GD

| Model | Output Power | Frequency Response | Power | Channel EQ set | Output EQ set | Dimensions (W*D*H) | Weight |
|---|---|---|---|---|---|---|---|
| AE42G<br>AE42GD<br>Plastic case | 2*100W@8Ω<br>(THD<1%, RMS) | 20Hz~20KHz<br>(±1dB) | AC110V or<br>AC230V /50Hz<br>or 60Hz | Low:100Hz ±15dB<br>High:10KHz ±15dB | | 480x165x130mm | 4kg |
| AE62G<br>AE62GD<br>Plastic case | 2*100W@8Ω<br>(THD<1%, RMS) | 20Hz~20KHz<br>(±1dB) | AC110V or<br>AC230V /50Hz<br>or 60Hz | Low:100Hz ±15dB<br>High:10KHz ±15 dB | 2*7 Band Gaphic Equalizer ±15dB ( with feedback LED display Centre Frequence: 100Hz 200Hz 500Hz 1KHz 2KHz 5KHz 10KHz) | 360x220x240mm | 6kg |
| AE72G<br>AE72GD<br>Plastic case | 2*100W@8Ω<br>(THD<1%, RMS) | 20Hz~20KHz<br>(±1dB) | AC110V or<br>AC230V /50Hz<br>or 60Hz | Low:100Hz ±15dB<br>High:10KHz ±15 dB | 2*7 Band Gaphic Equalizer ±15dB ( with feedback LED display Centre Frequence: 100Hz 200Hz 500Hz 1KHz 2KHz 5KHz 10KHz) | 360x220x240mm | 6kg |

# CABINET POWER MIXER

AE62AD(DSP,2x100W)
AE62ADE(2x100W)

AE82FDA(2x300W)

AE62AD(DSP,2x100W)
AE62ADE(2x100W)

**FEATURES**

- Input CH: 6MIC (XLR) 6 LINE (Hi-Z) (1/4"Phone Jack);
- TREBLE BASS VOLUME on each channel;
- High efficiency CLASS H power amplifier;
- Switch power supply, more than 90% efficiency;
- Built-in Electronic Reverb (AE62ADE);
- Built-in DSP (AE62AD);
- Record out,Line in, Footswitch;
- CD/TAPE-input(RCA JACK) on the rear panel.

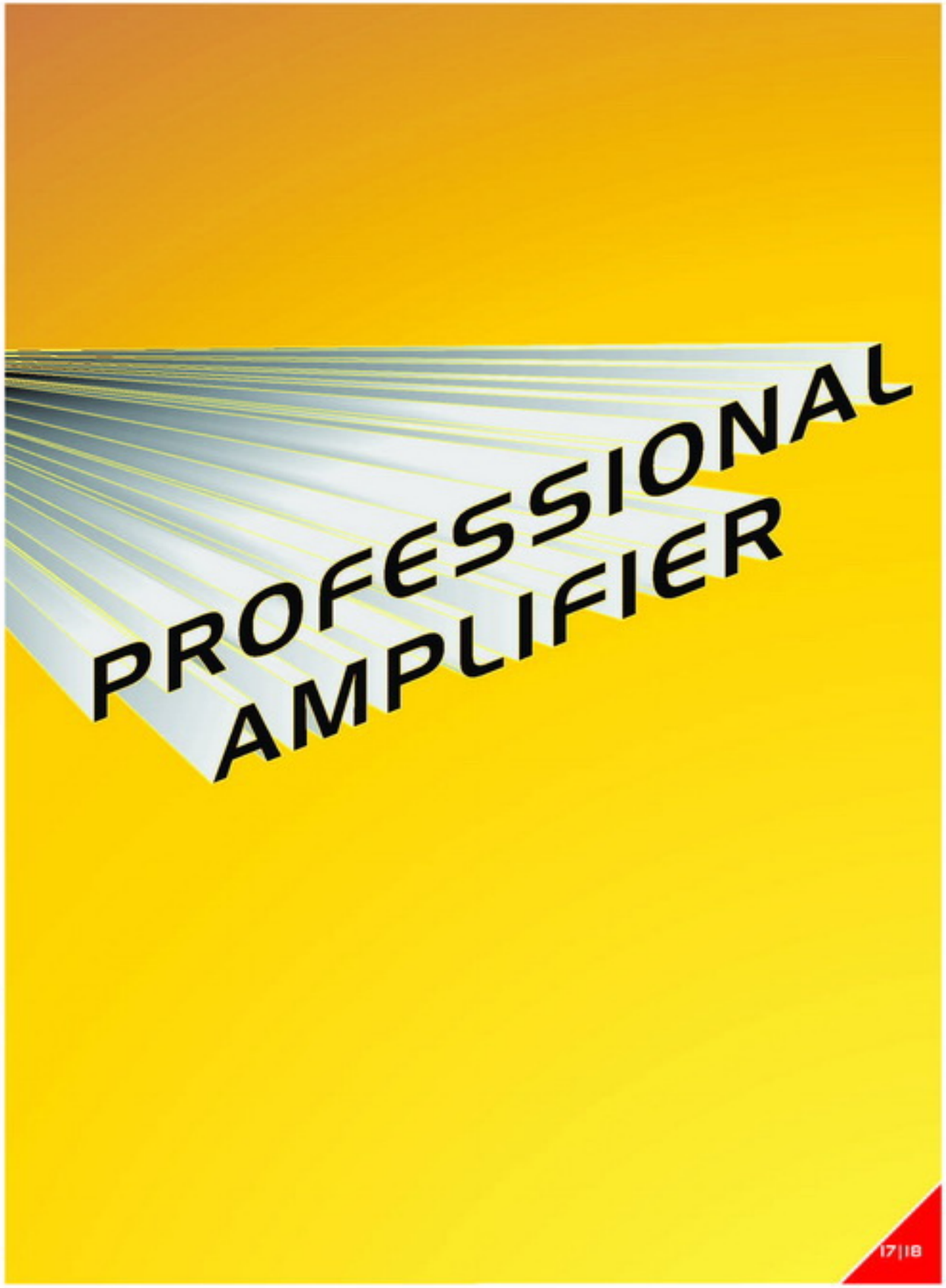
AE82FDA ( 2x300W )

**FEATURES**

- Input CH: 4MIC (XLR) 6 LINE (Hi-Z) (1/4"Phone Jack); 4 Stereo(1/4"Phone Jack);
- 3 band EQ ,Mon EFF PAN PAD(-20dB) on each channel;
- 2*7band Graphic Epualizer(with feedback LED display);
- Hi-efficient CLASS H power amplifier, more than 90% efficiency;
- Switch power supply, more than 90% efficiency;
- Built-in DSP (16 programs);
- L/R send,L/R return,Monitor,AUX IN(stereo),Phone,EFF send,EFF return.

**SOUDKING AE** series powered mixer are specially designed for meeting, show, address, teaching and entertainment, with unique & elegant appeal, easy to operate. The imported DSP makes their performance more outstanding. These products adopt ratio with excellent performance and high power, CE, CCC, ETL certificated, and are manufactured as ISO9001.

| Model | Output Power | Frequency Response | Power | Phantom Power | Channel EQ set | Output EQ set | Dimensions (W*D*H) | Weight |
|---|---|---|---|---|---|---|---|---|
| AE82FDA Plastic case | 2x300W@4Ω (THD≤1%, RMS) | 20Hz~20KHz (±1dB) | AC110V or AC230V /50Hz or 60Hz | +48V | Low:100Hz ±15dB Mid:2.5KHz ±15dB High:10KHz ±15 dB | 2*7band Gaphic Equalizer ±15dB(with feedback LED display Centre Frequence: 100Hz 200Hz 500Hz 1KHz 2KHz 5KHz 10KHz) | 420x280x300mm | 6kg |
| AE62AD AE62ADE Plastic case | 2x100W@4Ω (THD≤1%, RMS) | 20Hz~20KHz (±1dB) | AC110V or AC230V /50Hz or 60Hz | | Low:100Hz ±15dB High:10KHz ±15 dB | | 405x280x300mm | 7kg |



# SWICH MODE POWER AMPLIFIER

**INTRODUCTION**

This series of products MS1000/1600/2000/3600 are specially designed power amplifiers used for engineering and touring show. Their unique design and light weight are suitable for professional and touring show.

**APPLICATION**

>Stadium, dancing hall etc, 2U rack power amplifier for small show and meeting, especially suitable for touring show because of it's Hi-powers design and light weight.

**FEATURES**

>Latest switch mode power and CLASS H power amplifier for high efficiency and low temperature and constant stability;
>Perfect protection, e.g. short-circuit protection, DC protection, HF protection (secure the power amplifier and power supply);
>Cooling fan with variable speed;
>Built-in compression function to prevent the power amplifier from distortion of over input;
>30Hz hi-pass filter, ground switch and floating ground switch;
>Stereo/mono/bridge switch, sensitivity switch for -3dB,0dB,+3dB;
>Compact design and imported chip to guarantee the stable performance of the device under severe condition.

MS1000
MS1600
MS2000
MS3600

| Model | Height | Output Power 8Ωx2 | Output Power 4Ωx2 | Output Power 2Ωx2 | Bridge Output power 8Ωx1 | Bridge Output power 4Ωx1 | S/N Ratio (dB) | Frequency Response (±1dB) | Input Sensitivity | THD% | Damp Factor | Indication | Weight | Dimension (WxDxh) | Conversion Speed |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MS1000 | 2U | 2x320W | 2x550W | 2x850W | 1000W | 1600W | >100dB | 20Hz-20KHz | -3/0/+3dB | <0.1% (1KHz 50W) | >200 20Hz-1KHz 8Ω | indication for temperature, signal, clip, power supply and level | 10kg | 483x360x88mm | |
| MS1600 | 2U | 410W×2 | 750W×2 | 1100W×2 | 1600W | 2600W | 105dB | 20Hz-20KHz | -3/0/+3dB | <0.1% (1KHz 50W) | >250 20Hz-1KHz 8Ω | indication for temperature, signal, clip, power supply and level | 12kg | 483x400x88mm | >25V/us |
| MS2000 | 2U | 550W×2 | 950W×2 | 1600W×2 | 2000W | 3000W | 105dB | 20Hz-20KHz | -3/0/+3dB | <0.1% (1KHz 50W) | >280 20Hz-1KHz 8Ω | indication for temperature, signal, clip, power supply and level | 12.5kg | 483x400x88mm | >25V/us |
| MS3600 | 2U | 1100W×2 | 1800W×2 | 2200Wx2 | 3600W | 4400W | 105dB | 20Hz-20KHz | -3/0/+3dB | <0.1% (1KHz 50W) | >300 20Hz-1KHz 8Ω | indication for temperature, signal, clip, power supply and level | 16.5kg | 483x400x880mm | >25V/us |

MA1000
MA1500
MA2000

**INTRODUCTION**

MA series amplifier consists of MA1000, MA1500 and MA2000. This series can be used for different kinds of applications, features grace and rational design, stability and reliability performance. By adopting switching power supply to provide more stable working condition.

**FEATURES**

1.High efficiency switching power supply amplifier design for higher efficiency and decrease temperature in operation
2.Perfect protections for Turn-on delay,Over-heat, Short Circuit, Over- load, DC
3.Cooling fan with variable speed
4.Limiter on the rear panel to prevent the power amplifier from distortion of over input
5.Modes of operation: Stereo, Parallel, and Bridge, ground switch and floating ground switch;
6.Input sensitivity can be trimmed by -3dB, 0dB,+3dB.
7.Combined XLR & jack sockets and professional Speakon outputs, a separate link socket to feed additional amplifiers.
8.High technologies IC ensure long time working in any condition.

# SWICH MODE POWER AMPLIFIER

MA1000/1500/2000 REAR PANEL

1. Fan
2. Binding post
3. Speakon out
4. Limit
5. GND / lift
6. Input sensitivity swit
7. Mode switch
8. Signal output
9. LINE input
10. AC inlet
11. Breaker

| Model | | MA1000 | MA1500 | MA2000 |
|---|---|---|---|---|
| Specification<br>Stereo Rated Output Power<br>THD=1%, 1kHz,<br>Dual Channel | 2Ω | 2*800W | 2*1050W | 2*1300W |
| | 4Ω | 2*500W | 2*750W | 2*1000W |
| | 8Ω | 2*300W | 2*500W | 2*800W |
| Max. Bridged Output Power,<br>THD=1%, 1kHz, | 4Ω | 1800W | 2400W | 2900W |
| | 8Ω | 1000W | 1500W | 2000W |
| Input Sensitivity | +3dB, 0 dB, -3 dB | | | |
| Input Impedance | Unbalanced 10K, Balanced 20K | | | |
| Frequency Response | 20Hz-20KHz±1 dB @10 dB below rated output power | | | |
| Distortion | < 0.05% | | | |
| Damping Factor | > 250@8Ω | | > 250@8Ω | >250@8Ω |
| S/N Ratio | > 100 dB | | | |
| Crosstalk | > 70 dB | | | |
| Protection | Turn-on delay, Over-heat, Over voltage, Under-voltage, Short Circuit, DC | | | |
| Power Requirements | 110~120@220~240AC 50/60Hz | | | |
| Dimension (W*H*D) | 483*495*88 | | | |
| Weight | | 15Kg | 17Kg | 19Kg |

# PROFESSIONAL AMPLIFIER

**INTRODUCTION**

AW series is new SOUNDKING amp series with high performance, innovative appearance, high quality components to ensure low noise and high power operation, Nichicom capacitor for wide dynamic operation, "ON"transistors for powerful bass and clear treble and for reproducing original sound, professional protection circuit for reliable operation. This series includes AW1000,AW1600,AW2200 & AW4000 for different power output to meet various application requirement.

AW1000
AW1600
AW2200

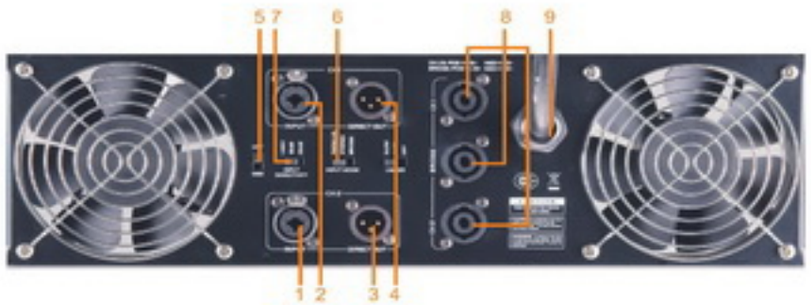
AW4000

# PROFESSIONAL AMPLIFIER

AW1000/1600/2200 REAR PANEL

1. CH2 signal input connector
2. CH1 signal input connector
3. CH2 signal output connector
4. CH1 signal output connector
5. Lift/ground selection
6. Mode selection
7. Sensitivity selection
8. Output connector
9. Power inlet
10. Output post
11. Auto reposition breaker

AW4000 REAR PANEL




| Model | AW1000 | AW1600 | AW2200 | AW4000 |
|---|---|---|---|---|
| Stereo Rated Output Power THD=0.5%,1KHZ,Dual Channel | 500Wx2(4Ω) 310Wx2(8Ω) | 800Wx2(4Ω) 500Wx2(8Ω) | 1100Wx2(4Ω) 700Wx2(8Ω) | 2000Wx2(4Ω) 1200Wx2(8Ω) |
| Max,Bridged Output Power,THD=0.5%,1KHZ | 1000W(8Ω) | 1600W(8Ω) | 2200W(8Ω) | 4000W(8Ω) |
| Max,RMS Voltage swing THD=0.5%,1KHz | / | / | / | / |
| Input Sensitvity | 0.5V/1V/1.414V | 0.5V/1V/1.414V | 0.5V/1V/1.414V | 32dB/26dB/1.414V |
| Input Impedance | 20kΩ/10kΩ | 20kΩ/10kΩ | 20kΩ/10kΩ | 20kΩ/10kΩ |
| Frequency Response | 20Hz--20KHz±0.5dB | 20Hz--20KHz±0.5dB | 20Hz--20KHz±0.5dB | 20Hz--20KHz±0.5dB |
| THD | ≤0.1% | ≤0.1% | ≤0.1% | ≤0.1% |
| Damping Factor | 300 | 300 | 400 | 400 |
| S/N Ratio | 102 | 105 | 108 | 110 |
| Crosstalk | -60dB | -60dB | -60dB | -70dB |
| Slew Rate | 25V/US | 25V/US | 25V/US | 25V/US |
| Residual Noise A-weighted | / | / | / | / |
| Protection | Audio Limiters,High Temperature,DC,Short Circuit,HF,Peak Current Limiters,Turn-on Delay | | | |
| Power Requirements | AC 220V/50Hz | AC 220V/50Hz | AC 220V/50Hz | AC 220V/50Hz |
| Dimension(W*H*D) | 483x420x88.8 | 483x420x88.8 | 483x420x88.8 | 483x420x133.2 |
| Weight | 25kg | 25kg | 26kg | 47kg |

**INTRODUCTION**

This series of products AA1600/2200/4000 are specially designed hi-power amplifier used for touring and installation. Their unique design and powerful output can meet the requirement of any sound reinforcement project.

**FEATURES**

> CLASS H circuit improves the power amplifier efficiency &stability and decrease temperature in operation;
> Comprehensive protection, e.g. short-circuit protection, Thermal protection, DC protection;
> Cooling fan with variable speed;
> Built-in Limiter function to prevent the power amplifier from distortion of over input;
> 30Hz hi-pass filter, ground lift switch;
> Stereo/mono/bridge selector, switch for -3dB,0dB,+3dB.

APPLICATIONS

Stadium, disco, large show, etc., bass is more effective due to the power supply of its power amplifier.

**Introduction:**

AA4000 is newly SOUNDKING amp series with high performance, innovative appearance, high quality components to ensure low noise and high power operation, Nichicom capacitor for wide dynamic operation, "ON" transistors for powerful bass and clear treble and for reproducing original sound, professional protection circuit for reliable operation.

**Application:**

Large/medium-scale stadium, entertainment venues, bar, theatre and cinema, large show etc.

AA1000
AA1600
AA2200

AA4000

# PROFESSIONAL AMPLIFIER

1. CH2 signal input connector
2. CH1 signal input connector
3. CH2 signal output connector
4. CH1 signal output connector
5. Lift/ground selection
6. Mode selection
7. Sensitivity selection
8. Output connector
9. Power inlet
10. Output post
11. Auto reposition breaker

AA1000
AA1600
AA2200
REAR PANEL

AA4000
REAR PANEL

| Model | AA1000 | AA1600 | AA2200 | AA4000 |
|---|---|---|---|---|
| Stereo Rated Output Power THD=0.5%,1KHZ,Dual Channel | 8Ω 310Wx2<br>4Ω 500Wx2 | 8Ω 500Wx2<br>4Ω 800Wx2 | 8Ω 700Wx2<br>4Ω 1100Wx2 | 8Ω 1200Wx2<br>4Ω 2000Wx2 |
| Max,Bridged Output Power,THD=0.5%,1KHZ | 8Ω 1000W | 8Ω 1600W | 8Ω 2200W | 8Ω 4000W |
| Max,RMS Voltage swing THD=0.5%,1KHz | / | / | / | / |
| Input Sensitvity | 3dB/0dB/+3dB | 3dB/0dB/+3dB | 3dB/0dB/+3dB | 1. 414V/32dB/26dB |
| Input Impedance | 20kΩ/10kΩ | 20kΩ/10kΩ | 20kΩ/10kΩ | 20kΩ/10kΩ |
| Frequency Response | 30Hz~22kHz, +0/-1dB | 30Hz--22KHz +0/-1dB | 20Hz--20KHz+0/-1dB | 20Hz--20KHz+0.5/-0.5dB |
| THD | ≤0.2% | ≤0.2% | ≤0.2% | ≤0.1% |
| Damping Factor | ≥200 | ≥300 | ≥300 | ≥400 |
| S/N Ratio | ≥100dB | ≥100dB | ≥100dB | ≥105dB |
| Crosstalk | -60dB | -60dB | -60dB | -60dB |
| Slew Rate | 25V/US | 25V/US | 25V/US | 25V/US |
| Residual Noise A-weighted | / | / | / | / |
| Protection | Audio Limiters,High Temperature,DC,Short Circuit,HF,Peak Current Limiters,Turn-on Delay | | | |
| Power Requirements | AC 220V/50Hz | AC 220V/50Hz | AC 220V/50Hz | AC 220V/50Hz |
| Dimension(W*H*D) | 483x420x88.8 | 483x420x88.8 | 483x420x88.8 | 483x420x133.2 |
| Weight | 14kg | 18kg | 22kg | 47kg |

AA4003

**Introduction:**
AA4003 is newly designed 3 channels professional power amplifier with independent volume control. Excellent performance and power load can meet various professional requirements. Pre-signal processing parts adopt independent power supply. By adopting high-capacity capacitors filtering of 12 100000UF/63V within amplifier,AA4003 can provide more stable working condition.

**Feature:**
1. Standard 2U height, compact and solid appearance.
2. Professional protections: DC protection, short circuit protection, temperature protection, over load Protection.
3. Toshiba high-power tubes improve better dynamic and higher safety.
4. Cooling fan with variable speed.
5. Indicator: protect, clip, and signal.
6. CLASS H circuit and advanced audio amplifier line ensure the efficiency and stability.

**Application:**
Entertainment venues, stadium, tour performance, theatre and cinema, etc.

1. CH1 signal input connector
2. CH2 signal input connector
3. CH3 signal input connector
4. CH1 signal output connector
5. CH2 signal output connector
6. CH3 signal output connector
7. Lift/ground selection
8. CH3 CH2 Parallel connection
9. CH2 CH1 Parallel connection
10. Power inlet
11. Auto reposition breaker

| Model | AA4003 |
|---|---|
| Stereo Rated Output Power THD=0.5%,1KHZ,Dual Channel | 8Ω CH1:900W CH2/CH3:400W<br>4ΩCH1:1450W CH2/CH3:530W |
| Output Circuit | AB+H(3) |
| Input Sensitvity | 0dBu |
| Input Impedance | 20K/10K |
| Frequency Response | 20Hz~20kHz(±0.5dB) |
| THD | ≤0.2% |
| Damping Factor | ≥300 |
| S/N Ratio | ≥100dB |
| Phase(1W/8Ω 20Hz~20kHz) | ±20° |
| Power Requirements | 220V/50Hz(±10%) |
| Dimension(W*H*D) | 483x400x88 |
| Weight | 22kg |

# PROFESSIONAL AMPLIFIER

**INTRODUCTION**

EA series is the latest Soundking amplifiers , compact & solid design, refined components, perfect tone, excellent performance, unique circuit, power load to meet various professional requirement. Protection circuit ensures safety and reliability. This series include EA200, EA300, EA500 and EA700. Output power covers the range from 200W to 700W.

**FEATURES**

> Standard 2U height, compact and solid appearance;
> SIGNAL LED, CLIP LED and POWER LED for each channel
> Class H circuit, low temperature, high efficiency, stable performance;
> Professional protection: DC protection, short circuit protection, thermal protection, over load protection, CLIP/LIMIT protection
> Variable speed fan for cooling, low noise;
> 30Hz high pass filter and CLIP switch for selection
> Stereo, mono, bridge mode for selection;
> low weight, convenient for installation and transportation

**APPLICATIONS**

mainly used in large/medium sized application, e.g. stadium, dancing hall, etc;

EA200
EA300
EA500
EA700

EA200/EA300 REAR PANEL

1. Bal signal input post
2. Combo connector
3. Φ6.3 balanced input
4. Operation mode selection
5. CLIP switch for selection
6. 30Hz high pass switch for selection
7. Bridge output connector
8. Stereo output connector
9. Power input connector
10. Auto reposition breaker

EA700 REAR PANEL

| Model | EA200 | EA300 | EA500 | EA700 |
|---|---|---|---|---|
| Stereo Rated Output Power THD=0.5%,1KHZ,Dual Channel | 8Ω 205Wx2<br>4Ω 300Wx2 | 8Ω 310Wx2<br>4Ω 450Wx2 | 8Ω 500Wx2<br>4Ω 800Wx2 | 8Ω 700Wx2<br>4Ω 1100Wx2 |
| Max,Bridged Output Power,THD=0.5%,1KHZ | 8Ω 560W | 8Ω 900W | 8Ω 1600W | 8Ω 2400W |
| Max,RMS Voltage swing THD=0.5%,1KHz | / | / | / | / |
| Input Sensitvity | 1.15V | 1.15V | 1.15V | 1.45V |
| Input Impedance | 20kΩ/10kΩ | 20kΩ/10kΩ | 20kΩ/10kΩ | 20kΩ/10kΩ |
| Frequency Response | 30Hz~22kHz, +0/-1dB | 30Hz~22kHz, +0/-1dB | 30Hz~22kHz, +0/-1dB | 30Hz~22kHz, +0/-1dB |
| THD | ≤0.1% | ≤0.1% | ≤0.1% | ≤0.1% |
| Damping Factor | ≥300 | ≥300 | ≥300 | ≥300 |
| S/N Ratio | ≥100dB | ≥100dB | ≥100dB | ≥100dB |
| Crosstalk | / | / | / | / |
| Slew Rate | / | / | / | / |
| Residual Noise A-weighted | / | / | / | / |
| Protection | / | / | / | / |
| Power Requirements | AC 220V/50Hz | AC 220V/50Hz | AC 220V/50Hz | AC 220V/50Hz |
| Dimension(W*H*D) | 483x420x88.8 | 483x420x88.8 | 483x420x88.8 | 483x420x88.8 |
| Weight | 14kg | 16.2kg | 20.6kg | 25.5kg |

# PROFESSIONAL AMPLIFIER

AC800
AC500

**Introduction**

This series of power amplifiers have three models: AC1800/800/500. Switch power and Class H amp make the amplifier compact, light-weighted, convenient for move. With MIC input and Line input, they can meet the requirement of cinema application.

**Features**

- Standard 2U (AC1800) /1U (AC800/500) for rack mounting, compact structure, solid surface;
- Concise front panel / rear panel; AC500/AC800 have input and output ports on the side;
- Signal and clip LED;
- USB port and built-in Mp3;
- Professional speakon port;
- Class H circuit for higher efficiency, lower temperature, higher stability;
- Professional protection (DC protection, short circuit protection, thermal protection, over load protection, clip/limit protection);
- Variable speed fan ensures reliable operation in demanding environment;
- Light weighted, easy installation and move.

| Model | AC500 | AC800 |
|---|---|---|
| Height | 1U | 1U |
| Output Power | 250W(8Ω) x 2 | 320W(8Ω) x 2 |
| Freq Response | Line 20Hz—20KHz , +0/-1dB | Line 20Hz—20KHz , +0/-1dB |
| THD(%) | <0.5% | <0.5% |
| Damping factor | >300 | >300 |
| S/N Ratio(dB) | Line>88 dB(A weighted) | Line>88 dB(A weighted) |
| Impedance(bal/unbal) | Line：47KΩ | Line：47KΩ |
| Input Sensitivity | 20mv±2mv(Mic)300mv±30mv(Line) | 20mv±2mv(Mic)300mv±30mv(Line) |
| Power Supply | 160 ~ 240VAC/50Hz | 160 ~ 240VAC/50Hz |
| Dimension（HxWxD） | 44.4x483x300(mm) | 44.4x483x300(mm) |
| Weight | 6.8 kg | 6.8 kg |

AC1800

| Model | AC1800 |
|---|---|
| Height | 2U |
| Output Power | 250W(8Ω)x5+400W(4Ω)x1 |
| Freq Response | Line 20Hz—20KHz, +0/-1dB |
| THD(%) | <0.5% |
| Damping factor | >300 |
| S/N Ratio(dB) | Line>88 dB(A weighted) |
| Impedance(bal/unbal) | Line：47KΩ |
| Input Sensitivity | 20mv±2mv(Mic)/300mv±30mv(Line) |
| Power Supply | 160 ~ 240VAC/50Hz |
| Dimension（HxWxD） | 88.8x483x405（mm） |
| Weight | 22 kg |

# PERIPHERAL EQUIPMENT

# LOUDSPEAKER CONTROLLER

NEW

SEQ-1502

SEQ-3102

SEQ-3103

**Introduction:**

The role of equalizer in a sound processing system can not be underestimated. Different environment will definitely affect the performance of a sound processing system . It is recommended that a equalizer should be equipped in your system. SOUNDKING products SEQ-3103 is your optimal choice. SEQ-3103 is a dual 31 segment graphic equalizer according to ISO 1/3 otc for its 20Hz-20KHz frequency.

**Features**

1.Stable performance.
2.The excellency of ratio performance is well recognized in domestic and overseas market.
3.Compact and convenient.
4.CE & ETL certificated for safety.
5.Transformer balanced output.

**Application**

Theater, disco, studio, concert, stage show, etc

| Model | Central Frequency(Hz) | Low Cut Filter | Range (Optional) | Connector | Power Consumption | Dimension | Weight |
|---|---|---|---|---|---|---|---|
| SEQ 1502 | 25, 40, 63, 100, 160, 250, 400, 630, 1K,1.6K, 2.5K, 4K, 6.3K, 10K, 16K, (Hz) | 12Hz-255Hz (-12 dB/oct) | +6dB/+15dB (switchable) | XLR bal L/R, TRS 1/4" bal input L/R, XLR bal output L/R, TRS 1/4" bal output L/R | 17W (AC100~240V,50~60Hz) | 433x183x44mm | 2.5kg |
| SEQ 3102 | 20,25, 31.5, 40, 50, 63, 80, 100, 125, 160, 200, 250, 315, 400, 500, 630, 800, 1K, 1.25K, 1.6K, 2K, 2.5K, 3.15K, 4K, 5K,6.3K, 8K, 10K, 12.5K, 16K, 20K | 12Hz-255Hz (-12 dB/oct) | +6dB/+15dB (switchable) | XLR bal L/R, TRS 1/4" bal input L/R, XLR bal output L/R, TRS 1/4" bal output L/R | 17W (AC100~240V,50~60Hz) | 433x183x44mm | 3kg |
| SEQ 3103 | 20,25,31.5, 40,50,63,80,100,125, 160,200,250,315,400,500,630,800,1K, 1.25K,1.6K,2K,2.5K,3.15K,4K,5K, 6.3K,8K,10K,12.5K, 16K,20K (Hz) | 12Hz-255Hz (-12 dB/oct) | +6dB/+15dB (switchable) | XLR bal L/R, TRS 1/4" bal input L/R, XLR bal output L/R, TRS 1/4" bal output L/R | 17W (AC100~240V,50~60Hz) | 433x183x132mm | 4.0kg |

# AUDIO PROCESSOR

AP2040
AP3060
AP4080
AP8080

**Introduction**

The AP series consists of three models all featuring the same digital control but different input and output configurations. 24bit/48kHz conversion preserves audio quality and all settings can be saved in the 50 user memories.Each delay, compressor, crossover parameter is fully adjustable with a choice of Butterworth, Bessel, Linkwitz-Riley filters.Housed in a single rack space cabinet, the parameters can be controlled from the front panel of via USB to a computer using the software supplied.

**Features**

1. Up to 8 in & 8 outputs
2. Precision crossover
3. 50 user memories

**Input & Output**
Input Impedance: >10KΩ
Output Impedance: 50Ω
Input level: +20dB
Type: Electron balancing

**Audio Performance**
Frequency Response:±0.1(20Hz to 20kHz)
Dynamic range: 115dB (unweighted)
Crosstalk:<-100dB
Distortion:0.002%(1kHz@+4dBu)

**Digital Performance**
Processor:32-bit(40-bit)floating
Sampling frequency:96kHz
Analog converter:24-bit
Delay:3ms

**Panel control**
Display: 4×26 LCD
Level display: 5 band LED
Button: 12 mute controls, 12gain/menu controls、6menu controls
Dial coder: Built-in thumb wheel switch

**Connector**
Audio connector:3 pin XLR
RS-232:DB-9 (female)
Ethernet connector: CAT-5 (optional)
Power socket: IEC

## Specifications

**Model Available:**

| Model | Inputs | Outputs |
|---|---|---|
| AP2040 | 2 balanced XLR | 4 balanced XLR |
| AP3060 | 3 balanced XLR | 6 balanced XLR |
| AP4080 | 4 balanced XLR | 8 balanced XLR |
| AP8080 | 8 phoenix screw terminals | 8 phoenix screw terminals |

**General**
Power supply:90-265VAC(50/60Hz)
Dimension:483x44x229(mm)
Weight :10lbs/4.6kg

**Audio Specification**
Gain:-40 to+15dB in 0.25dB steps
Delay:
Equalizer 6 band per input&output channel
Type:parametric,hi-shelf,lo-shelf
Gain:-30~+15dB in 0.25dB steps
Bandwidth:0.02~2.50 octave (Q=0.5~72)
Crossover filter:2 channel per output
Filter type:Butterworth,Bessel,Linkwitz Riley
Slope:6~48dB/octave
Threshold level:-20 to +20dB
Starting time 0.3~100ms

**System Specification**
Program No.:30
Configuration:2/3/4channel
Delay unit:ms,fi,m
Frequency mode:36 steps/octave,1Hz dpi
Safe lock: Any single menu
Channel:6

# LOUDSPEAKER CONTROLLER

SPS8

**Introduction**
The SPS8 employs intelligent MCU to control the output voltage, mainly use to connect or disconnect each channel by sequence, with voltage display to indicate the input voltage, prevent the electronic devices form the electronic shock or damage

**Features**
- 1.5U standard rack height
- Normal/bypass switch features sequence mode and sync mode
- Input voltage LCD monitor
- Built-in filter
- Multifunction power outputs

**Applications**
Stereo appliance, computer, TV,broadcast system, etc.

| Model | SPS8 |
|---|---|
| Output current | 16A |
| Output plugs | 8 way |
| Delay time(per channel) | 2" |
| Lighting Power | 2×1.2W |
| Dimension(WxHxD) | 483x265x66(mm) |
| Weight | 4.8kg |

# POWER SEQUENCER

SPS10

SPS10 power sequencer adopts SCM control, starts each power supply in turns and turns off power supply conversely. It has digital display to indicate voltage and reduces instant current surge to secure the appliances 10 units at most can be connected and operated together.
Application: Stereo appliance, computer, TV, broadcast system, etc..

| Model | Output Current | Controlling Power | Delay (each way power) | Illuminance Power |
|---|---|---|---|---|
| SPS10 | 15A | 10 way | 3 second | 2×1.2W |

# POWER SEQUENCER

SDA208

SDA208 is a distribution amplifier which is used to solve the difficulty of complicated signal distribution. It adopts hi-quality semiconductor components and provides optimal S/N ratio, THD, frequency response and 6 segment level display. It has two operation modes: 1 channel input----8 channel output, dual channel input---dual 4 channel output.
Application: Used with other audio appliances in KTV, bar, coffee bar, public address system and party, etc..

| Model | Input Impedance | Output Impedance | Max Input Level | Frequency Response | S/N Ratio |
|---|---|---|---|---|---|
| SDA208 | 44kΩ | 330Ω | +18dB | 20Hz-22KHz | -98dB |

# ELECTRONIC CROSSOVER

SCX236

This product can delete sub-frequency and adjust crossover continuously. It has gain control and mute control.
**Features include:**
stereo two way crossover / mono three crossover mode, low cut 25Hz/-12dB, frequency multiplying: ten times of frequency value marked on button; frequency multiplying selector: (44Hz-9700Hz)/(16Hz-370Hz); HF/LF output gain control and mute control .
**Application:**
Theater, disco, studio, concert, stage show.

| Model | Crossover | Input | Output | Max Level | Gain | Frequency Response | S/N Ratio | Dimension (W×D×H) | Weight |
|---|---|---|---|---|---|---|---|---|---|
| SCX236 | 24dB/otc range: 44Hz-9700Hz | XLR(BAL), input impedance: 20K MAX level: +21dB, gain: -12~+12dB | XLR(BAL), output impedance: 100Ω, | +20dB | -6~+6dB | 20Hz-40KHz | -94dB | 483x44x205mm | 2.5kg |

# COMPRESSOR/LIMITER

SCL350

**Introduction**

SCL350 is a compressor of various functions and is for generaly usage. It combines all the dynamic controlling function to be a tight device. These dynamic functions are common in daily life. For example, there is an independent compressor or limiter on each channel, expander, gate circuit and peak compressor.

**Features**

- It can be used to dynamic function, which can solve all the problems caused by the "compressed"sounds.
- It has a device to lower the noise, which is suitable for human voice. It can also provide schemes to reduce the hiss noise.
- Adjustable compressed time and released time.

| Model | Type | Frequency Response | THD | S/N | Voltage | Consumption power | Size | Weight |
|---|---|---|---|---|---|---|---|---|
| SCL350 | XLR &1/4" TRS connector | 20Hz~20kHz, +0/-0.5 dB | 0.02%typ.@ +4dBu,1kHz,gain (22Hz~22kHz) | -95dB | 220V/60Hz | 9W | 483×188×44mm | 2.7kg |

# COMPRESSOR/LIMITER

SCL500

**FEATURES**

- Auto-selective "soft" and "hard"knee compression circuitry;
- Expander/gate circuitry for smooth noise reduction;
- Gate/peak limiter;
- Stereo link selectable;
- Selectable operating level;
- 12AX7 vacuum tube and advanced TUBE circuitry.

| Model | Freq Response | THD | VU Meter | Noise | Power Consumption | Dimension(W×D×H) | Weight |
|---|---|---|---|---|---|---|---|
| SCL500 | 10Hz - 20KHz +0dBor -1dB | 0.5% at rated ouput level | Backlight VU meter for output level or gain reduction display | -95dB (22Hz-22KHz) | 35W (AC115V/AC230V) | 435x260x88mm | 5kg |

# WF SERIES

ENTERTAINMENT PROJECT SPEAKER SERIES

NEW

**Introduction**

The WF series speakes is designed for entertainment activities sound reinforcement. WF series feature High/Mid/Low frequencies are well-arranged, sounds are well delivered. It brings warm and soft mid-high frequency, flexible, full and deep low frequency.

The frequency responses makes the people's ears for comfortable long time listening.

Use the full-range speaker match with the subwoofer for extent low frequency can meet most demands on musical enjoyment. WF series with its high headroom and high sensitivity ensure long-time work stability and reliability.

**Application**

Disco, Slow Rock Bar, Hi room, Club, etc.

# WF SERIES

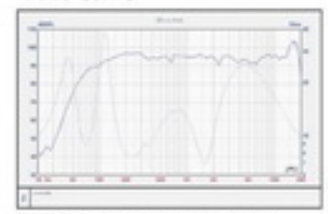
ENTERTAINMENT PROJECT SPEAKER SERIES

## WF10

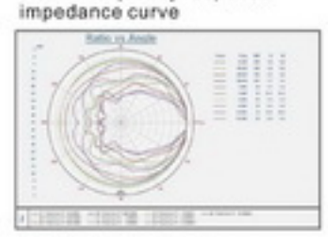
**Features**

Asymmetrical trapeziform enclosure;
44mm compression driver fits for short distance sound reinforcement;
90° rotatable horn;
3 rigging points (M10) ensure easy setup;
35mm socket can be pole mounted.

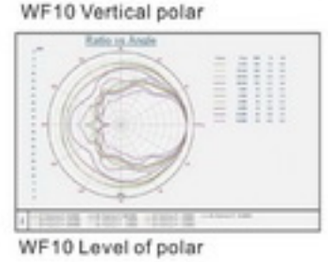
WF10 Curve



WF10 Frequency response impedance curve



WF10 Vertical polar

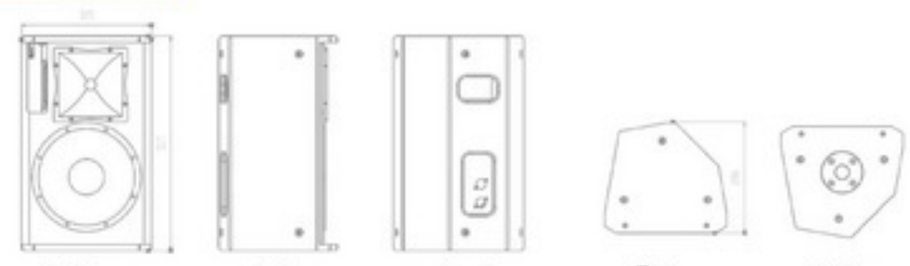


WF10 Level of polar

**WF10 Performance**

| | |
|---|---|
| Model | WF10 |
| Type | Two 10-inch full-range frequency speaker |
| Freq Response( ± 3dB) | 70Hz-18kHz |
| Sensitivity(1m/1W) | 96 dB |
| Impedance | 8Ω |
| Rated Power(AES) | 250W |
| Max Power | 500W |
| Crossover | 2.2kHz |
| Woofer | 10 "bass / 65mm voice coil / 250W |
| Tweeter | PEEK film / 44mm voice coil / 50W |
| Coverage angle (HxV) | 90°x50° |
| Maximum Sound Pressure Max.SPL(@1m) | 120dB (continuous), 126dB (peak) |
| Connection socket | 2XNL4MP |
| Box Size (WxHxD) | 315x517x286 (mm) |
| Weight | 17Kg |

**WF10 Size Chart**



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# WF SERIES

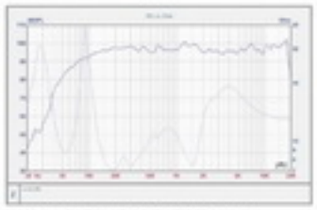
ENTERTAINMENT PROJECT SPEAKER SERIES

## WF12

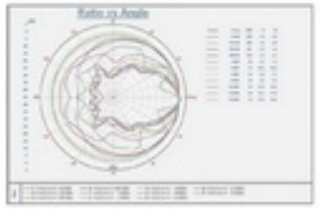
**Features**

Asymmetrical trapeziform enclosure can be used as main speaker or stage monitor 44mm compression driver fits for short distance sound reinforcement;
90° rotatable horn 13 rigging points (M10) ensure easy setup;
35mm socket can be pole mounted;
Frequency response design fits for long-time listening comfortable.

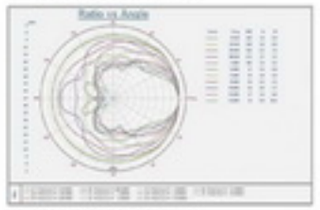
WF12 Curve



Wf12 Frequency response impedance curve



WF12 Vertical polar

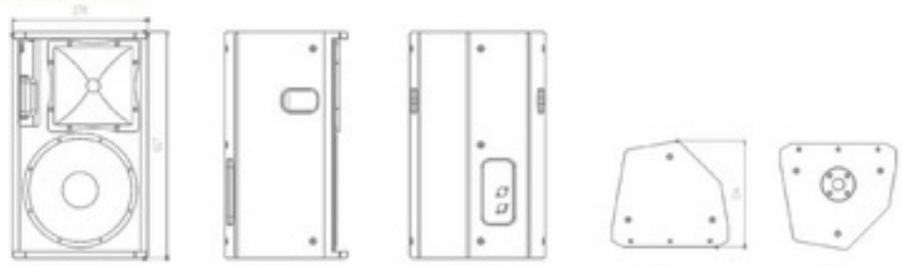


WF12 Level of polar

### WF12 Performance

| | |
|---|---|
| Model | WF12 |
| Type | Two 12-inch-wide band frequency speaker |
| Freq Response( ± 3dB) | 55Hz-18kHz |
| Sensitivity(1m/1W) | 98 dB |
| Impedance | 8Ω |
| Rated Power(AES) | 300W |
| Max Power | 600W |
| Crossover | 2kHz |
| Woofer | 12 "bass / 75mm voice coil / 300W |
| Tweeter | PEEK film / 44mm voice coil / 50W |
| Coverage angle (HxV) | 80 °x50° |
| Max.SPL(@1m) | 123dB (continuous), 129dB (peak) |
| Connection socket | 2XNL4MP |
| Box Size (WxHxD) | 370x617x336 (mm) |
| Weight | 23Kg |

### WF12 Size Chart



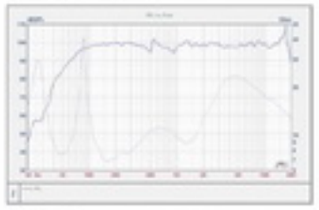
Positive Side Back Top Bottom

## WF15

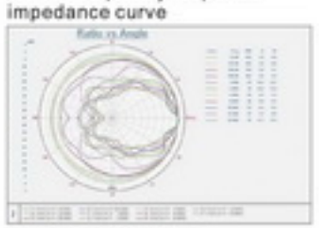
**Features**

Asymmetrical trapeziform enclosure can be used as main speaker or stage monitor 74mm compression driver fits for short distance sound reinforcement;
90° rotatable horn 13 rigging points (M10) ensure easy setup;
35mm socket can be pole mounted;
Frequency response design fits for long-time listening comfortable;

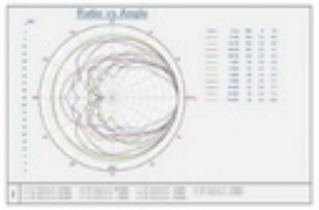
WF15 Curve



WF15 Frequency response impedance curve



WF15 Vertical polar

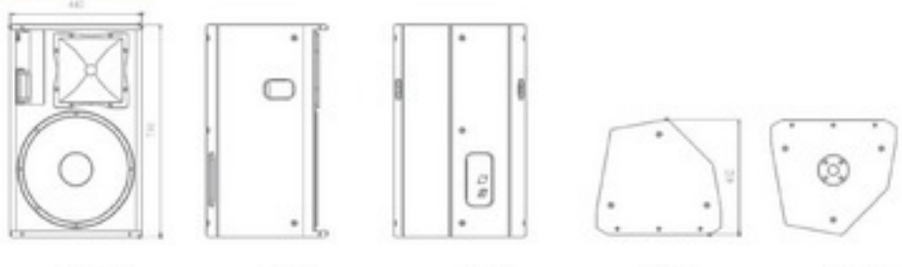


WF15 Level of polar

### WF15 Performance

| | |
|---|---|
| Model | WF15 |
| Type | Two 15-inch-wide band frequency speaker |
| Freq Response( ± 3dB) | 50Hz-18kHz |
| Sensitivity(1m/1W) | 99 dB |
| Impedance | 8Ω |
| Rated Power(AES) | 400W |
| Max Power | 800W |
| Crossover | 1.8kHz |
| Woofer | 15 "bass / 75mm voice coil / 400W |
| Tweeter | Composite composite film / 75mm voice coil / 100W |
| Coverage angle (HxV) | 80°x50° |
| Max.SPL(@1m) | 125dB (continuous), 131dB (peak) |
| Connection socket | 2XNL4MP |
| Box Size (WxHxD) | 440x708x402 (mm) |
| Weight | 32Kg |

### WF15 Size Chart



Positive Side Back Top Bottom

# WF SERIES

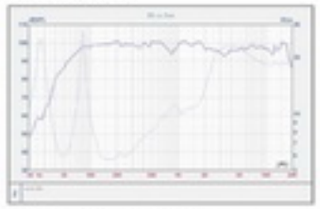
ENTERTAINMENT PROJECT SPEAKER SERIES

## WF115

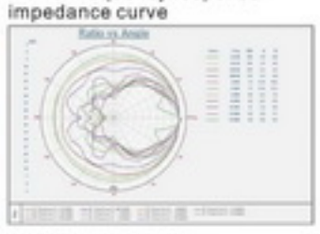
### FEATURES

Asymmetrical trapeziform enclosure can be used as main speaker or stage monitor 75mm compression driver fits for short distance sound reinforcement;
90° rotatable horn 13 rigging points (M10) ensure easy setup;
35mm socket can be pole mounted;
Frequency response design fits for long-time listening comfortable.

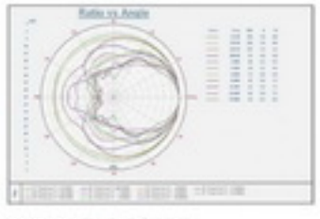
WF115 Curve



WF15 Frequency response impedance curve



WF15 Vertical polar

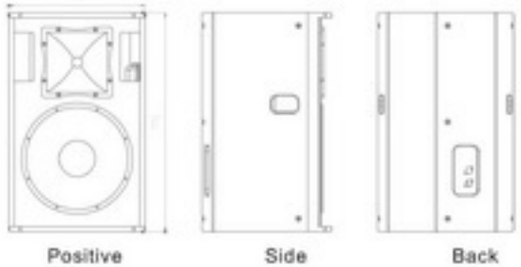


WF15 Level of polar

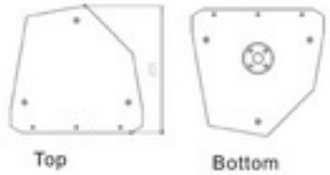
### WF115 Performance

| | |
|---|---|
| Model | WF115 |
| Type | 2x15"full-range speaker |
| Freq Response( ± 3dB) | 50Hz-18kHz |
| Sensitivity(1m/1W) | 99 dB |
| Impedance | 8Ω |
| Rated Power(AES) | 500W |
| Max Power | 1000W |
| Crossover | 1.8kHz |
| Woofer | 15 "bass / 100mm voice coil / 500W |
| Tweeter | Composite composite film / 75mm voice coil / 100W |
| Coverage angle (HxV) | 80°x50° |
| Max.SPL(@1m) | 126dB (continuous), 132dB (peak) |
| Connection socket | 2XNL4MP |
| Box Size (WxHxD) | 480x772x459 (mm) |
| Weight | 38Kg |

### WF115 Size Chart



Positive Side Back



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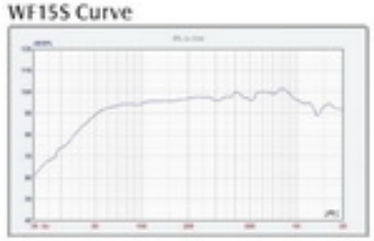
## WF15S

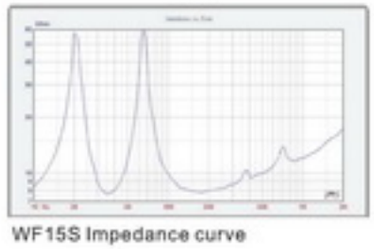
**Features**

Compact, High power, high sound pressure;
A 15" long throw speaker units, 4" voice coil endure high temperature;
Direct-radiating phase inverted enclosure;
Reinforced bar reduces resonance;
Large phase inverted tube reduces airflow sound;
Match with the full-range speaker as a powerful PA sound-reinforcement system.

WF15S Curve



WF15S Frequency response curve

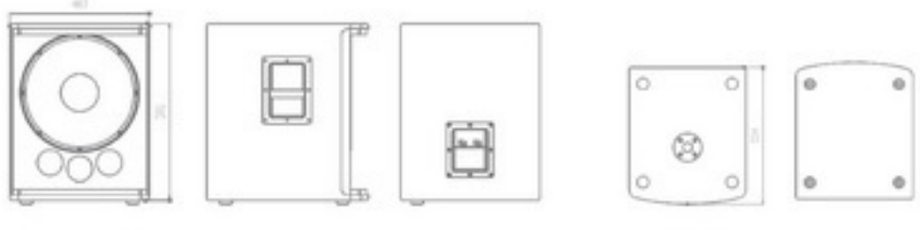


WF15S Impedance curve

### WF15S Performance

| | |
|---|---|
| Model | WF15S |
| Type | 1x15-inch Subwoofer |
| Freq Response( ± 3dB) | 40Hz-220Hz |
| Sensitivity(1m/1W) | 96dB |
| Impedance | 8Ω |
| Rated Power(AES) | 700W |
| Max Power | 1400W |
| Crossover | / |
| Woofer | 1x15 "/ 100mm voice coil / 1x700W |
| Tweeter | / |
| Coverage angle (HxV) | / |
| Max.SPL(@1m) | 125dB (continuous), 131dB (peak) |
| Connection socket | 2XNL4MP |
| Box Size (WxHxD) | 460x581x534 (mm) |
| Weight | 33kg |

### WF15S Size Chart



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# WF SERIES

ENTERTAINMENT PROJECT SPEAKER SERIES

## WF218S

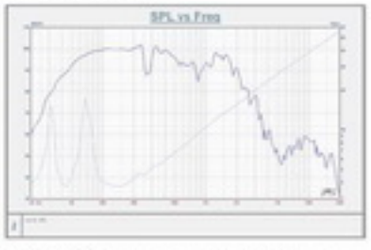
### FEATURES

Compact, High power, high sound pressure;
2 x 18" long throw speaker units, 4 " voice coil endure high temperature;
Direct-radiating phase inverted enclosure;
Reinforced bar reduces resonance;
Large phase inverted tube reduces airflow sound;
Match with the full-range speaker as a powerful PA sound-reinforcement system.

### WF218S Performance

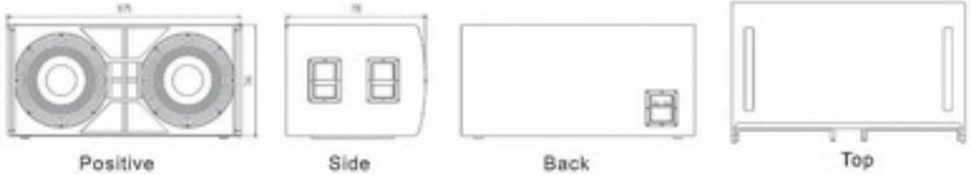
| | |
|---|---|
| Model | WF218S |
| Type | 2x18-inch Subwoofer |
| Freq Response( ± 3dB) | 35Hz-200Hz |
| Sensitivity(1m/1W) | 101dB |
| Impedance | 4Ω |
| Rated Power(AES) | 1400W |
| Max Power | 2800W |
| Crossover | / |
| Woofer | 2x18 "/ 100mm voice coil / 2x700W |
| Tweeter | / |
| Coverage angle (HxV) | / |
| Max.SPL(@1m) | 133dB (continuous), 139dB (peak) |
| Connection socket | 2XNL4MP |
| Box Size (WxHxD) | 1175x561x701 (mm) |
| Weight | 82kg |

WF218S Curve




WF218S Frequency response curve

### WF218S Size Chart



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# EXCELLENT QUALITY SPEAKER OF THE YEAR 2008 CERTIFICATE BY CETA

In the "Excellent Quality Speaker of the Year 2008 Selection" hold on February, 2008 by China Entertainment Technology Association, experts evaluate Soundking speaker as "beautiful and soft tone, better balance; all types of musical instruments sound natural and true, with better restoring ability. Treble bright, structured and effective, high definition and in electro-acoustical performance aspect, K212 has smooth impedance curve, high sensitivity, and low distortion."
K212 is one member of the Soundking "K" series family, with Soundking engineers' tremendous efforts, and after careful comparison, K212 and K215 were chosen as the representative to participation in this grand event. With innumerable test in the sound reinforcement projects, its success has proved the excellent quality of K series speakers.

## K SERIES

### INTRODUCTION

K series speaker is specially designed for projects application. With a wide range of specifications, and optimized configuration, this series may adapt many kinds of sound reinforcement projects.

### FEATURES

With good appeal, compact, and convenient to install and pack; high power and stability; beautiful and soft tone, better balance; all types of musical instruments sound natural and true, with better restoring ability; treble bright, structured and effective, high definition, K series speaker is optimal for all sound reinforcement projects.

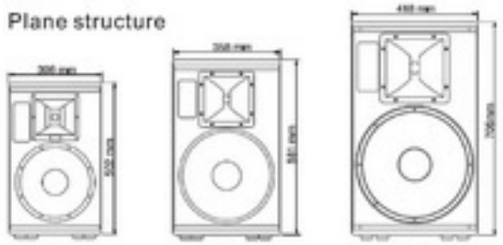
### APPLICATIONS

K series speaker can be widely applied for large-scale theater, live performance, stadium, mobile performance and all other sound reinforcement projects.

# K SERIES
# ENGINEERING SERIES SPEAKER

K210
K212
K215

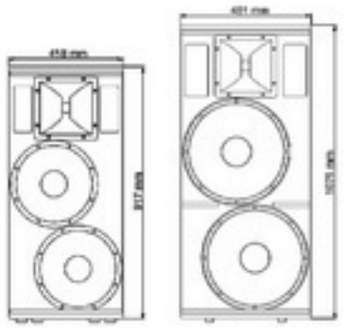
Plane structure



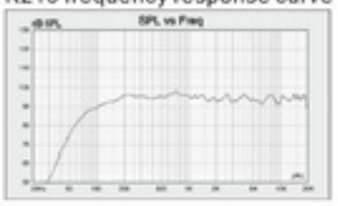
K210 K212 K215

K2212

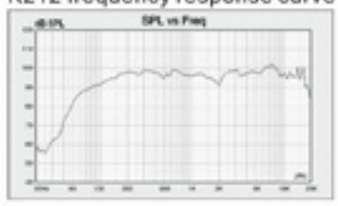
K2215



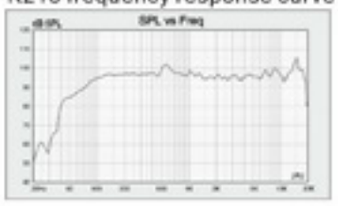
K210 frequency response curve



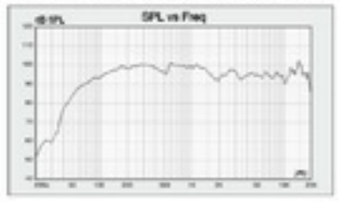
K212 frequency response curve



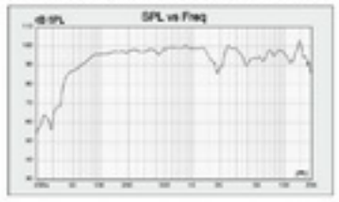
K215 frequency response curve



K2212 frequency response curve



K2215 frequency response curve



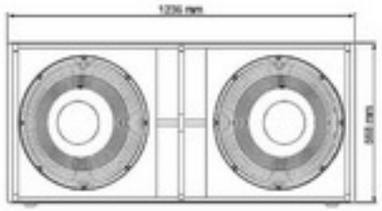
| Model | K210 | K212 | K215 |
|---|---|---|---|
| Type | 2-way 10" full range speaker | 2-way 12" full range speaker | 2-way 15" full range speaker |
| Frequency response | 70Hz-18kHz (-10dB) | 65Hz-18kHz (-10dB) | 60Hz-18kHz (-10dB) |
| Sensitivity(1m/1w) | 96dB | 97dB | 98dB |
| Impedance | 8Ω | 8Ω | 8Ω |
| Rated power | 250W | 300W | 400W |
| Max. power | 500W | 600W | 800W |
| Crossover | 2.2kHz | 2kHz | 1.8kHz |
| LF | 10" middle and bass/65mm voice coil/250W | 12" middle and bass/75mm voice coil/300W | 15" middle and bass/75mm voice coil/350W |
| HF | PK membrane/44mm voice coil/50W | PK membrane/44mm voice coil/50W | Ti/ PK composite membrane/75mm voice coil/ neodymium magnet 100W |
| Coverage(HxV) | 90°x50° | 90°x50° | 80°x50° |
| Max. SPL(@1m) | 120dB(continous) | 122dB(continous) | 124dB(continous) |
| | 126dB(peak) | 128dB(peak) | 130dB(peak) |
| Dimension(WxHxD) | 308x502x320(mm) | 358x581x380(mm) | 418x708x425(mm) |
| Weight | 20kg | 25kg | 31kg |

| Model | K2212 | K2215 |
|---|---|---|
| Type | 2x12" 2-way full range speaker | 2x15" 2-way full range speaker |
| Frequency response | 50Hz~18kHz(-10dB) | 45Hz~18kHz (-10dB) |
| Sensitivity(1m/1w) | 99dB | 100dB |
| Impedance | 4Ω | 4Ω |
| Rated power | 600W | 800W |
| Max. power | 1200W | 1600W |
| Crossover | 1.7KHz | 1.6KHz |
| LF | 2x12" MF/LF/75mm voice coil/2x300W | 2x15" MF/LF/75mm voice coil/2x350W |
| HF | Ti / PK diaphragm / 75mm voice coil / Nd magnet 100W | Ti / PK diaphragm / 75mm voice coil / Nd magnet 100W |
| Coverage(HxV) | 80°x50° | 80°x50° |
| Max SPL(@1m) | 127dB(continous) | 129dB(continous) |
| | 133dB(peak) | 135dB(peak) |
| Dimension(WxHxD) | 418x917x410 (mm) | 481x1076x480 (mm) |
| Weight | 41kg | 49kg |

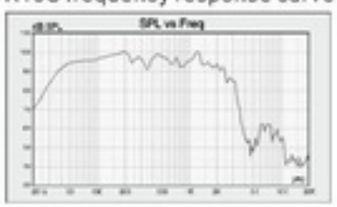
# K SERIES
# ENGINEERING SERIES SPEAKER

K18S

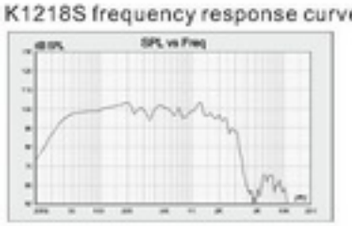
K1218S



K18S frequency response curve




K1218S frequency response curve




| Model | K18S | K1218S |
|---|---|---|
| Type | 18"Low-frequency | 2x18"Low-frequency |
| Frequency response | 40Hz~150Hz(-10dB) | 35Hz~150Hz(-10dB) |
| Sensitivity(1m/1w) | 97dB | 100dB |
| Impedance | 8Ω | 4Ω |
| Rated power | 600W | 1200W |
| Max. power | 1200W | 2400W |
| Crossover | / | / |
| LF | 18" / 100mm Voice coil / 700W | 2x18" / 100mm Voice coil / 2x700W |
| Max SPL(@1m) | 125dB(continous) | 131dB(continous) |
| | 131dB(peak) | 137dB(peak) |
| Dimension(WxHxD) | 568x627x710 (mm) | 1236x568x710 (mm) |
| Weight | 46kg | 82kg |

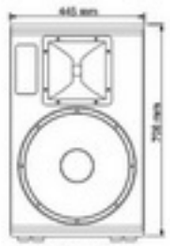
Utilize imported high quality 18mm birch clamping plank

K212 Cutaway view

The membrane (i.e. paper cone) is mainly composed of the paper pulp and the carbon filament, light, and with high rigidity. The paper cone dimension is comparatively big, the intermediate frequency response and transient response are super.

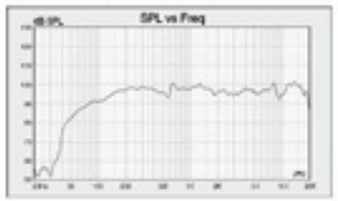
K212F
K215F

K212F

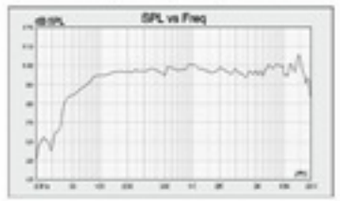


K215F

K212F frequency response curve




K215F frequency response curve




| Model | K212F | K215F |
|---|---|---|
| Type | 2-way 12" full range speaker | 2-way 15" full range speaker |
| Frequency response | 65Hz~18kHz(-10dB) | 60Hz~18kHz(-10dB) |
| Sensitivity(1m/1w) | 97 dB | 98 dB |
| Impedance | 8Ω | 8Ω |
| Rated power | 300W | 400W |
| Max. power | 600W | 800W |
| Crossover | 2kHz | 1.8kHz |
| LF | 12" MF/LF/75mm voice coil/300W | 15" middle and bass/75mm voice coil/30W |
| HF | PK membrane/44mm voice coil/50W | Ti / PK diaphragm / 75mm voice coil / Nd magnet 100W |
| Coverage(HxV) | 90°x50° | 80°x50° |
| Max SPL(@1m) | 122dB(continous) | 124dB(continous) |
| | 128dB(peak) | 130dB(peak) |
| Dimension(WxHxD) | 380x585x383(mm) | 445x706x431(mm) |
| Weight | 25kg | 31kg |

# J SERIES
# SPEAKER SYSTEM

" J" series cabinets can be divided into two series-passive and active. Each series consists of 10"/12"/15" speaker to suit different applications. 12"/15" are specially designed as stage monitors.
Concise, practical, and cost-effective are the guidelines of the whole design.
Outstanding performance of the speaker unit, scientific crossover circuit design make sure that the truest sound is represented.
Integrated with the mixer and power amplifier, the active series have 1 MIC IN, 1 LINE IN and 1 LINE OUT, and the signal gain can be controlled separately. The SPEAKON OUT avails the external connection of a passive cabinet and to operate together. Through the 3 band EQ, users can adjust the tone color according to personal preference.
This series of cabinets are suitable for dancing hall, club, multi-purpose hall, conferencing room, bar and etc..

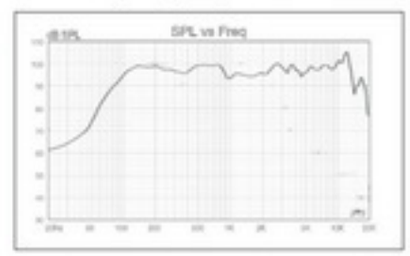
# J SERIES SPEAKER SYSTEM

J210

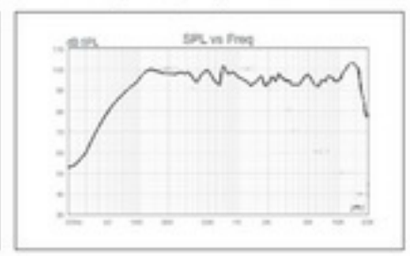
J212

J215

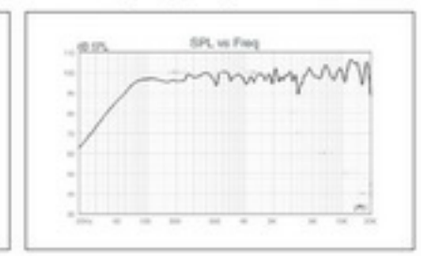
J210 frequency response curve




J212 frequency response curve




J215 frequency response curve




| Model | J210 | J212 | J215 |
|---|---|---|---|
| Type | 2-Way Passive Loudspeaker | 2-Way Passive Loudspeaker | 2-Way Passive Loudspeaker |
| Frequency Response | 80Hz ~ 18KHz | 60Hz ~ 18KHz | 40Hz ~ 18KHz |
| Sensitivity (1w/m) | 97dB | 97dB | 98dB |
| Power | 100W | 200W | 250W |
| Max SPL(@1m) | 120dB | 123dB | 126dB |
| Nominal Impedance | 8Ω | 8Ω | 8Ω |
| Crossover Frequency | 4KHz | 4KHz | 3KHz |
| Drivers | LF: FH1002H×1 ( 10" ) | LF: FH1201H×1 ( 12" ) | LF: FH1503H×1 ( 15" ) |
| | HF:FC101(Piezo) | HF: FC101 ( Piezo ) | HF: FD005+FE013 ( 1.35" ) |
| Dispersion(HxV) | 120°x60° | 120° x 60° | 120°x60° |
| Dimensions (W×D×H) | 350×260×520mm | 390×290×570mm | 470x350x710mm |
| Weight | 10kg | 16kg | 21kg |

# J SERIES SPEAKER SYSTEM

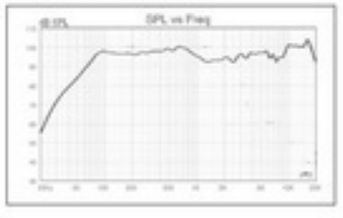
J212A

| Model | J212A |
|---|---|
| Configuration | 2-Way Active Loudspeaker |
| Frequency Response | 60Hz-20KHz |
| Rated Power | 200W |
| Max SPL(@1m) | 121dB |
| Crossover Frequency | 4KHz |
| Drivers | LF: FH1201H (12") |
| | HF: Piezo |
| Crossover | / |
| Rated Voltage | AC: 115(50Hz/60Hz)/230V |
| Input Channel | MICx1(BAL,UNBAL)；LINEx1(BAL,RCA) |
| Input Sensitivity | MIC: -42dBV; LINE: -15dBV |
| THD | 0.1% |
| Input Connector | XLR.φ6.35 JACK |
| Tone Control | TREBLE, MIDDLE, BASS |
| Signal Output | Max. 3.4dB Adjustable. |
| Dimensions (W×D×H) | 390×290×570mm |
| Weight | 20kg |

J212MA
J212M

J215MA
J215M

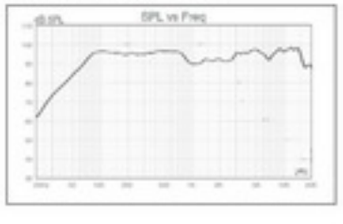
J212A frequency response curve



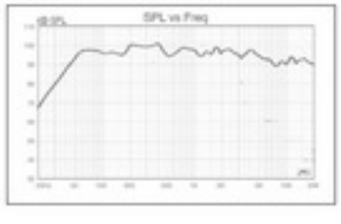

REAR PANEL OF ACTIVE CABINET

J212MA
J212M
J215MA
J215M
J212A

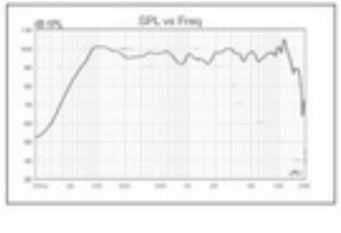
J212MA frequency response curve



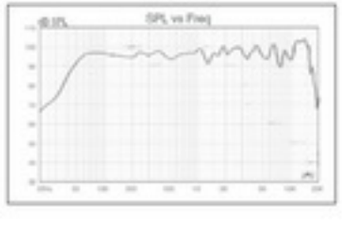

J215MA frequency response curve




J212M frequency response curve




J215M frequency response curve




| Model | J212MA | J212M | J215MA | J215M |
|---|---|---|---|---|
| Configuration | 2-way active loudspeaker | 2-way passive loudspeaker | 2-way active loudspeaker | 2-way passive loudspeaker |
| Frequency Response | 60Hz-20KHz | 60Hz ~ 18KHz | 40Hz-20KHz | 40Hz ~ 18KHz |
| Sensitivity (1w/m) | / | 97dB | / | 98dB |
| Rated Power | 200W (RMS) | 250W (RMS) | 250W (RMS) | 250W (RMS) |
| Max SPL(@1m) | 121dB | 124dB | 123dB | 126dB |
| Nominal Impedance | / | 8Ω | / | 8Ω |
| Crossover Frequency | 4KHz | / | 4KHz | / |
| Drivers | LF: FH1201H (12") | LF: FH1201H×1 (12") | LF: FH1503H (15") | LF: FH1503H×1 (15") |
| | HF: FC101(Piezo) | HF: FC101 (Piezo) | HF: FE013 (1.35") | HF: FD005+FE013 (1.35") |
| Crossover | Passive Crossover | / | Passive Crossover | / |
| Rated Voltage | AC: 115(50Hz/60Hz) / 230V | / | AC: 115(50Hz/60Hz) / 230V | / |
| Input Channel | MIC*1(BAL,UNBAL); | / | MIC*1(BAL,UNBAL); | / |
| | LINE*1(BAL,RCA) | / | LINE*1(BAL,RCA) | / |
| Input Sensitivity | MIC: -42dBV; LINE: -15dBV | / | MIC: -42dBV; LINE: -15dBV | / |
| THD | 0.1% | / | 0.1% | / |
| Input Connector | XLR.φ6.35 JACK | / | XLR.φ 6.35 JACK | / |
| Tone Control | TREBLE, MIDDLE, BASS | / | TREBLE, MIDDLE, BASS | / |
| Signal Output | Max. 3.4dBU Adjustable | / | Max. 3.4dBU Adjustable | / |
| Dimensions(WxHxD) | 400x70x30mm | 400×370×530mm | 680x350x470mm | 680×350×470mm |
| Weight | 20kg | 16kg | 26kg | 21kg |

# FHE SERIES

## PRO ACTIVE&PASSIVE SPEAKERS

### INTRODUCTION

FHE series of cabinets are the optimal selection for fixed installation reinforcement and touring show system. This series of cabinets have various of model, especially the high power dual 15" and dual 12" models, for specific application environment and audio reinforcement requirement.

### FEATURES

>The magnet configuration of woofer greatly reduces distortion. Winding voice coil increases the surface of voice coil and heat dissipation.
>High sensitivity, power and efficiency
>Tweeter with 3" and 1.74"voice coil, horn with constant directivity, rational power design, ensure elegant tone and sufficient power margin.
>Water proof paint and grille with waterproof structure for the applications in various weather
>Fourteen M10 screws for hanging, standard pole mounting, quick set up, multi-angle hanging
>wheels of dual 12" and dual 15" cabinet for easy moving

### APPLICATIONS

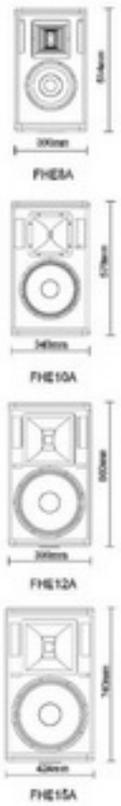
This series of cabinets are suitable for the applications in bar, coffee bar, disco hall, cinema, theatre, multi-purpose hall, medium or small sized stadium, concert, outdoor show, meeting, etc.

| Model | FHE8A | FHE10A | FHE12A | FHE15A |
|---|---|---|---|---|
| Type | two way 8" active cabinet | two way 10" active cabinet | two way 12" active cabinet | two way 15" active cabinet |
| Freq. Response(-10dB) | 65Hz~20KHz | 55Hz~20KHz | 45Hz~20KHz | 40Hz~20KHz |
| Max SPL(@1m) | 120dB | 124dB | 126dB | 128dB |
| Coverage(H*V) | 90°x60°(rotatable) | 90°x60°(rotatable) | 90°x60°(rotatable) | 90°x60°(rotatable) |
| Crossover | 3.0KHz | 2.5KHz | 1.8KHz | 1.5KHz |
| Woofer | 8"MF/LF / 50mm Voice Coil / 150W | 10"MF/LF / 75mm Voice Coil / 300W | 12"MF/LF / 75mm Voice Coil / 300W | 15"MF/LF / 75mm Voice Coil / 350W |
| Tweeter | PK diaphragm / 34mm Voice Coil / 30W | PK diaphragm / 44mm Voice Coil / 40W | PK diaphragm / 44mm Voice Coil / 40W | TI / PEN diaphragm / 75mm Voice Coil / 60W |
| Input connector | JACK / XLR | JACK / XLR | JACK / XLR | JACK / XLR |
| Input sensitivity | 0dBu | 0dBu | 0dBu | 0dBu |
| Power amp | 200W(LF)+60W(HF) | 300W(LF)+60W(HF) | 350W(LF)+100W(HF) | 400W(LF)+100W(HF) |
| Dimension(W*H*D) | 300x514x330(mm) | 340x578x357(mm) | 390x660x409(mm) | 424x740x437(mm) |
| Weight | 18kg | 21kg | 26kg | 36kg |

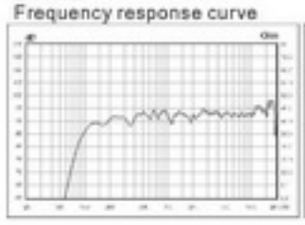
# FHE SERIES

## PRO ACTIVE&PASSIVE SPEAKERS

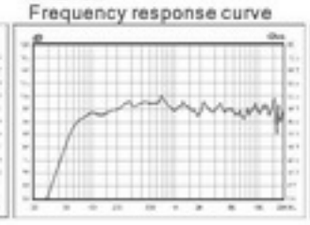
FHE8A
FHE8
FHE10A
FHE10
FHE12A
FHE12
FHE15A
FHE15



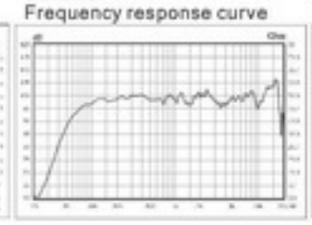

FHE8A
Frequency response curve



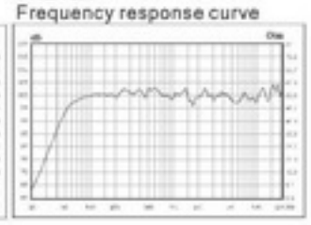
FHE10A
Frequency response curve



FHE12A
Frequency response curve



FHE15A
Frequency response curve



| Mode | FHE8 | FHE10 | FHE12 | FHE15 |
|---|---|---|---|---|
| Configuration | 2-way Passive Speaker System | 2-way Passive Speaker System | 2-way Passive Speaker System | 2-way Passive Speaker System |
| Freq. Response(-10dB) | 65Hz~20KHz | 55Hz~20KHz | 50Hz~20KHz | 45Hz~20KHz |
| Max. SPL(@1m) | 122dB | 124dB | 126dB | 128dB |
| Sensitivity | 96dB | 97dB | 98dB | 99dB |
| Dispersion(HxV) | 90°x60°( Rotatable ) | 90°x60°( Rotatable ) | 90°x60°( Rotatable ) | 90°x60°( Rotatable ) |
| Crossover Freq | 2.5KHz | 2.5KHz | 2.1KHz | 2.2KHz |
| Low Freq.Woofer | 8" | 10" | 12" | 15" |
| High Freq. Driver | 1.74"Compression driver +Horn | 1.74"Compression driver +Horn | 1.74"Compression driver +Horn | 3"Compression driver +Horn |
| Power Handing | 200W | 250W | 300W | 350W |
| Dimension(W*H*D) | 300x514x330(mm) | 340x578x357(mm) | 390x660x409(mm) | 424x740x437(mm) |
| Gross Weight | 14kg | 16.5kg | 21kg | 31kg |

# FHE SERIES

## PRO ACTIVE&PASSIVE SPEAKERS

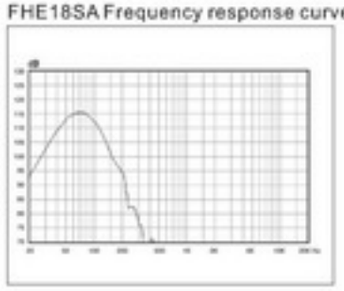
FHE18SA
FHE18S

1. L signal input connector
2. L signal link output connector
3. L high pass signal output connector
4. R signal input connector
5. R signal link output connector
6. R high pass signal output connector
7. Volume
8. Ground/float switch
9. Fan
10. Power switch
11. Fuse
12. Power socket
13. Low pass signal crossover switch
14. Sub LF phase switch
15. Power/signal/peak indicato

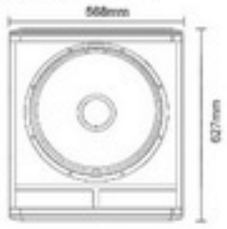
| Model | FHE18SA |
|---|---|
| Type | 18"subwoofer |
| Freq. Response(-10dB) | 35Hz-100Hz |
| Max SPL(@1m) | 128dB |
| Crossover | 80Hz / 100Hz |
| Woofer | 18" / 100mm voice coil / 700W |
| Input connector | JACK / XLR |
| Input sensitivity | 0dB |
| Power amp | 750W |
| Dimension(WxHxD) | 568x627x710 (mm) |
| Weight | 58.5kg |

| Mode | FHE18S |
|---|---|
| Configuration | 18"subwoofer |
| Freq. Response(-10dB) | 31Hz-200Hz |
| Max. SPL(@1m) | 128dB |
| Sensitivity | 99dB |
| Dispersion(HxV) | / |
| Crossover Freq. | 100Hz |
| Low Freq. Woofer | 18" / 100mm voice coil / 700W |
| High Freq. Driver | / |
| Power Handing | 700W |
| Dimension(W*H*D) | 568*627*710(mm) |
| Gross Weight | 46.5kg |

FHE18SA Frequency response curve



FHE18SA
Plane structure



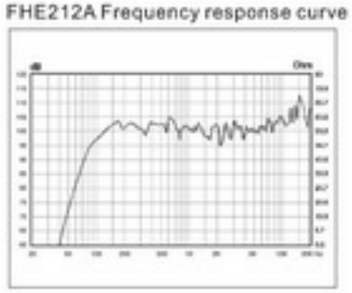
FHE212A
FHE212

1. line input
2. line output
3. power LED
4. volume
5. HF EQ
6. MF EQ
7. LF EQ
8. low cut switch(80Hz)
9. power switch
10. voltage selection switch
11. fuse
12. power connector

| Model | FHE212A |
|---|---|
| Type | Dual 12" active cabinet |
| Frequency response(-10dB) | 45Hz-20KHz |
| Max SPL(@1m) | 131dB |
| Coverage(H*V) | 90°x60°(rotatable) |
| Crossover | 1.7KHz |
| Woofer | 2x12"MF/LF/75mm Voice Coil/2x300W |
| Tweeter | Ti / PEN diaphragm/75mm Voice Coil/100W |
| Input connector | JACK / XLR |
| Input sensitivity | 0dBu |
| Power amp | 700W(LF)+100W(HF) |
| Dimension(W*H*D) | 405x989x445(mm) |
| Weight | 36kg |

| Mode | FHE212 |
|---|---|
| Configuration | 2-way Passive Speaker System |
| Freq. Response(-10dB) | 50Hz~20KHz |
| Max. SPL(@1m) | 131dB |
| Sensitivity | 100dB |
| Dispersion(HxV) | 90°x60°( Rotatable ) |
| Crossover Freq. | 2.1KHz |
| Low Freq. Woofer | 2x12" |
| High Freq. Driver | 3"Compression driver +Horn |
| Input Connectors | SPEAKON |
| Power Handing | 650W |
| Dimension(W*H*D) | 405x989x445(mm) |
| Gross Weight | 30kg |

FHE212A Frequency response curve



FHE212A
Plane structure

# FHE SERIES

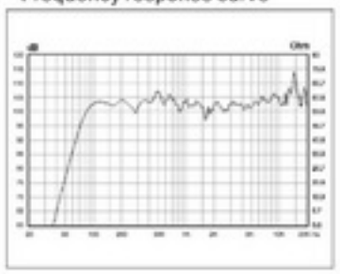
## PRO ACTIVE&PASSIVE SPEAKERS

FHE215A
FHE215

1. line input
2. line output
3. power LED
4. volume
5. HF EQ
6. MF EQ
7. LF EQ
8. low cut switch(80Hz)
9. power switch
10. voltage selection switch
11. fuse
12. power connector

| Model | FHE215A |
|---|---|
| Type | Dual 15" active cabinet |
| Frequency response(-10dB) | 40Hz-20KHz |
| Max SPL(@1m) | 132dB |
| Coverage(H*V) | 90°x60°(rotatable) |
| Crossover | 1.5KHz |
| Woofer | 2x15"MF/LF/75mm Voice Coil/2x350W |
| Tweeter | Ti / PEN diaphragm/75mm Voice Coil/100W |
| Input connector | JACK / XLR |
| Input sensitivity | 0dBu |
| Power amp | 750W(LF)+100W(HF) |
| Dimension(W*H*D) | 450x1153x508(mm) |
| Weight | 52kg |

FHE215A
Frequency response curve



| Mode | FHE215 |
|---|---|
| Configuration | 2-way Passive Speaker System |
| Freq. Response(-10dB) | 40Hz~20KHz |
| Max. SPL(@1m) | 132dB |
| Sensitivity | 101dB |
| Dispersion(HxV) | / |
| Crossover Freq. | 2.2KHz |
| Low Freq. Woofer | 2x15" |
| High Freq. Driver | 3"Compression driver +Horn |
| Input Connectors | SPEAKON |
| Power Handing | 700W |
| Dimension(W*H*D) | 450x1153x508(mm) |
| Gross Weight | 45kg |

FHE215A
Plane Structure

# V SERIES

## ENTERTAINMENT SPEAKER

### INTRODUCTION

V series of cabinets are specially designed for entertainment and show. They have power bass, excellent tone, reliable performance and are mainly used in the entertainment hall. The frequency response design aims at human hearing. With the dynamic of subwoofer, this series of cabinets can meet the requirement of entertainment place and show.

### FEATURES

Comfortable tone, delicate and prominent HF, natural and full bodied MF.
Dual winding voice coil ensures stable dynamic response.
Rotatable horn makes horizontal and vertical installation convenient.
The unique enclosure can meet the application of monitoring .
Ten M10 flying points makes hanging convenient.

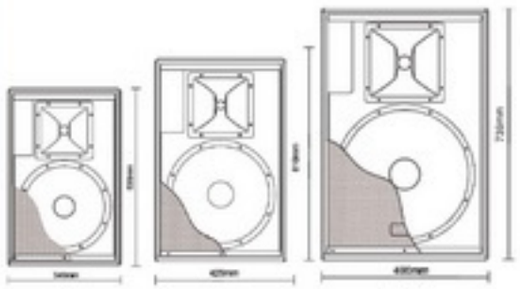
### APPLICATIONS

entertainment venue, show/touring show.

# V SERIES

ENTERTAINMENT SPEAKER

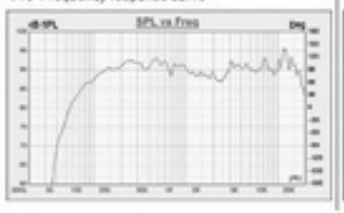
V10
V12
V15



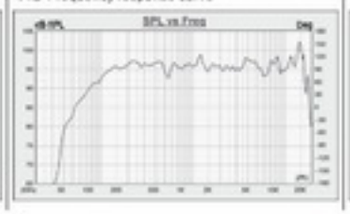
V10 V12 V15

M10 flying points for hanging vertically and horizontally

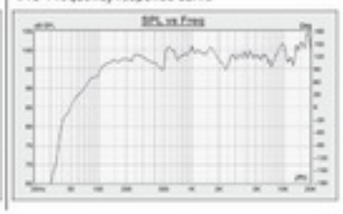
V10 Frequency response curve



V12 Frequency response curve



V15 Frequency response curve

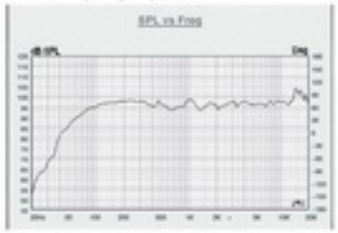


| Model | V10 | V12 | V15 |
|---|---|---|---|
| Type | 10" two way full range cabinet | 12" two way full range cabinet | 15" two way full range cabinet |
| Frequency response | 60Hz~18kHz (-10dB) | 55Hz~20kHz(-10dB) | 45Hz~20kHz(-10dB) |
| | 65Hz~16kHz (-3dB) | 59Hz~18kHz(-3dB) | 49Hz~18kHz(-3dB) |
| Sensitivity(1m/1w) | 95 dB | 96 dB | 98 dB |
| Rated impedance | 8Ω | 8Ω | 8Ω |
| Rated power | 200W | 300W | 400W |
| Max power | 400W | 600W | 800W |
| Crossover | 2kHz | 1.8kHz | 1.6kHz |
| LF section | 10" MF/LF / 65mm voice coil / 200W | 12" MF/LF / 75mm voice coil / 300W | 15" MF/LF / 75mm voice coil / 400W |
| HF section | PK diaphragm / 34mm voice coil / 30W | PK diaphragm / 44mm voice coil / 40W | Ti/PEN diaphragm / 75mm voice coil / 80W |
| Coverage(HxV) | 90°x60° | 90°x60° | 90°x60° |
| Max SPL(@1m) | 121dB | 123dB | 126dB |
| Dimension(WxHxD) | 340x535x310(mm) | 425x610x373(mm) | 490x739x420(mm) |
| Weight | 14.5kg | 19.8kg | 33.5kg |
| Recommended amp | EA300 / AA1000 | EA500 / AA1600 | EA700 / AA2200 |

V212

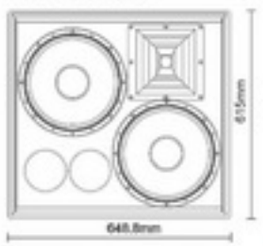
M10 flying points for hanging vertically and horizontally

V212 Frequency response curve



| Model | V212 |
|---|---|
| Type | 2x12"two way full range cabinet |
| Frequency response | 48Hz~20kHz(-10dB) |
| | 55Hz~18kHz(-3dB) |
| Sensitivity(1m/1w) | 99dB |
| Rated impedance | 4Ω |
| Rated power | 600W |
| Max power | 1200W |
| Crossover | 1.8KHz |
| LF section | 2x12" MF/LF / 75mm voice coil / 2x300W |
| HF section | Ti/PEN diaphragm / 75mm voice coil / 80W |
| Coverage(HxV) | 80°x60° |
| Max SPL(@1m) | 127dB |
| Dimension(WxHxD) | 648.8x615x442(mm) |
| Weight | 44.5kg |
| Recommended amp | EA500 / EA700 / AA1600 |

V212 Plane structure



# V SERIES

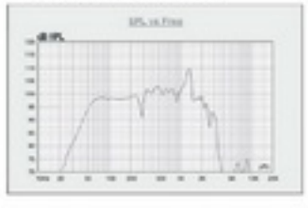
ENTERTAINMENT SPEAKER

V18S

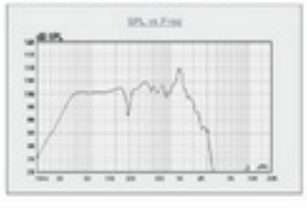
V218S

| Model | V18S |
|---|---|
| Type | 18" subwoofer |
| Frequency response | 35Hz~220Hz(-10dB)<br>40Hz~200Hz(-3dB) |
| Sensitivity | 99dB |
| Impedance | 8Ω |
| Rated power | 700W |
| Max. power | 1400W |
| Crossover | 150Hz |
| LF | 18" / 100mm Voice coil / 700W |
| Max. SPL(@1m) | 128dB |
| Dimension(WxHxD) | 585x520x630(mm) |
| Weight | 41kg |
| Recommended amp | AA1600 |

V18S Frequency response curve

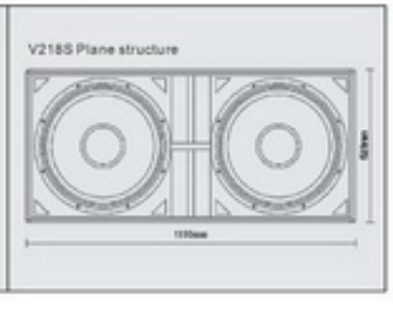


V218S Frequency response curve



V18S Plane structure

V218S Plane structure



# L SERIES

ENGINEERING SPEAKER series

## Introduction

L series of cabinets are the main Soundking products with prominent and full bodied treble, powerful bass, clear human voice, which make the cabinets the optimal choice for musicians. The wooden box has unique dimension, avoids inner wave and reproduces original frequency response.

L10/L12/L15 are suitable for bar, coffee bar, club, multi-purpose hall, medium/small show. L18S/L218S have powerful bass, high power, high SPL. If they are used with main cabinet, the effect will be better.
HF section adopts accurate phase corrector and Titanium diaphragm. The wooden box structure optimizes LF performance. LC crossover adopts high components ( e.g. metal film capacitor, winding inductor, cement resistor ) and unique treble protection circuit. Five aluminum bars are used for easy hanging. The wooden box consists of 20mm birch plywood.

## Features

- LF section adopts copper/aluminum voice coil, magnetic circuit with high efficiency of dissipation.
- HF section adopts accurate phase corrector, excellent Titanium diaphragm ;
- Switching between LC crossover and external crossover can meet demanding mixing requirement. HF protection circuit makes distortion low;
- Five aluminum bars for easy hanging;
- Tray with two holes for easy and quick set up .

## Applications

Suitable for the applications in multi-purpose hall, show hall, meeting room and auditorium.

# L SERIES

ENGINEERING SPEAKER series

L10
L12
L15

Titanium diaphragm driver and plane radial horn

Switching between LC crossover and external crossover

Professional speaker with high power

Low distortion crossover with protection circuit

Plane structure

L10

L12

L15

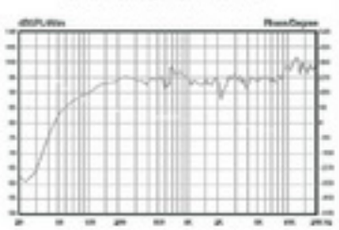
L212

L215

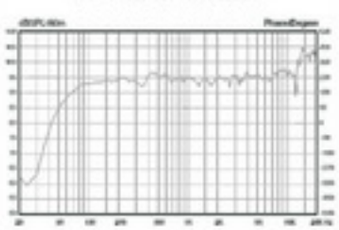
L212
L215

| Model | L10 | L12 | L15 |
|---|---|---|---|
| Type | 10"two way full range cabinet | 12"two way full range cabinet | 15"two way full range cabinet |
| Frequency response | 55Hz~20kHz (-10dB) | 50Hz~20kHz(-10dB) | 43Hz~20kHz(-10dB) |
| | 60Hz~18kHz (-3dB) | 55Hz~18kHz(-3dB) | 48Hz~18kHz(-3dB) |
| Sensitivity | 94 dB | 94 dB | 97 dB |
| Impedance | 8Ω | 8Ω | 8Ω |
| Rated power | 250W | 500W | 600W |
| Max. power | 500W | 1000W | 1200W |
| Crossover | 2kHz | 1.4kHz | 1.5kHz |
| LF | 10" MF/LF / 65mm Voice coil / 250W | 12" MF/LF / 100mm Voice coil/ 600W | 15" MF/LF / 100mm Voice coil / 600W |
| HF | PK Diaphragm / 34mm Voice coil / 30W | Ti/PEN Daphragm / 75mm Voice coil / 80W | Ti/PEN Daphragm / 75mm Voice coil / 80W |
| Coverage(HxV) | 90°x40° | 80°x60° | 80°x60° |
| Max. SPL(@1m) | 118dB | 122dB | 125dB |
| Dimension(WxHxD) | 310x530x290 (mm) | 380x660x367.5(mm) | 430x760x418.6(mm) |
| Weight | 22Kg | 34Kg | 41Kg |

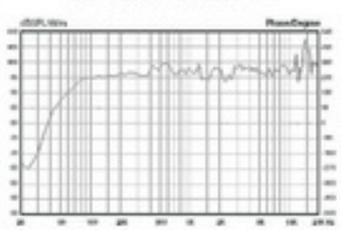
L10 Frequency response curve



L12 Frequency response curve

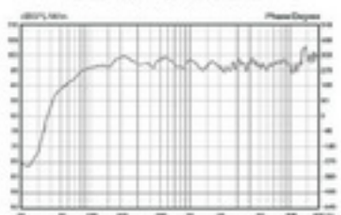


L15 Frequency response curve

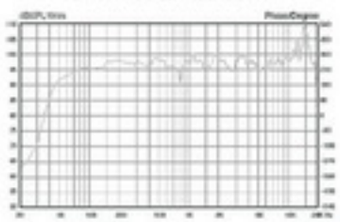


| Model | L212 | L215 |
|---|---|---|
| Type | 2X12"two way full range cabinet | 2X15"two way full range cabinet |
| Frequency response | 50Hz~20kHz(-10dB) | 43Hz~20kHz(-10dB) |
| | 55Hz~18kHz(-3dB) | 48Hz~18kHz(-3dB) |
| Sensitivity | 99dB | 99dB |
| Impedance | 4Ω | 4Ω |
| Rated power | 600W | 1000W |
| Max. power | 1200W | 2000W |
| Crossover | 1.4KHz | 1.4KHz |
| LF | 2X12"MF/LF / 75mm Voice coil / 300W | 2X15"MF/LF / 100mm Voice coil / 600W |
| HF | Ti/PK Diaphragm / 75mm Voice coil / Nd magnet 100W | Ti/PK diaphragm / 75mm Voice coil / Nd magnet100W |
| Coverage(HxV) | 80°X60° | 80°X60° |
| Max. SPL(@1m) | 127dB | 129dB |
| Dimension | 428x920x426(mm) | 494x478x1090(mm) |
| Weight | 58.5kg | 61kg |

L212 Frequency response curve



L215 Frequency response curve



# L SERIES

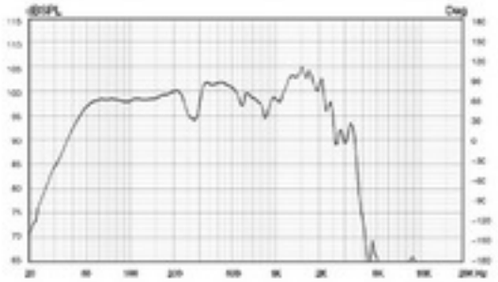
## ENGINEERING SPEAKER SERIES

| Model | L18S |
|---|---|
| Type | 18"woofer |
| Frequency response | 33Hz~150Hz (-10dB) |
| | 40Hz~125Hz (-3dB) |
| Sensitivity | 99dB |
| Impedance | 8Ω |
| Rated power | 700W |
| Max. power | 1400W |
| Crossover | 150Hz |
| LF | 18" / 100mm Voice coil / 700W |
| Max. SPL(@1m) | 128dB |
| Dimension(WxHxD) | 556x650x653 (mm) |
| Weight | 46kg |

L18S

Plane structure

Frequency response curve

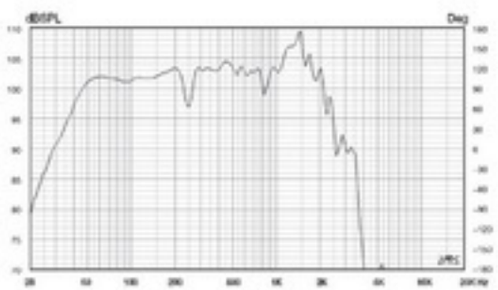


L218S

| Model | L218S |
|---|---|
| Type | Dual 18" woofer |
| Frequency response | 33Hz~150Hz (-10dB) |
| | 40Hz~125Hz (-3dB) |
| Sensitivity | 103dB |
| Impedance | 4Ω |
| Rated power | 1400W |
| Max. power | 2800W |
| Crossover | 150Hz |
| LF | 2X18" / 100mm Voice coil / 700W |
| Max. SPL | 134dB |
| Dimension(WxHxD) | 1032x620x720 (mm) |
| Weight | 84kg |

Frequency response curve

Plane structure



# H SERIES

## STAGE SPEAKER SERIES

**INTRODUCTION**

H series of cabinets adopt high quality components. HF is equipped with over current protection and PTC protection to improve the cabinet reliability. H series of cabinets are suitable for touring show, meeting room, multi-purpose hall, bar, club, etc.

**FEATURES**

>Elegant appearance, environmental protection water-paint;
>Wearable, solid, water-proof wooden box
>High power/sensitivity, sweet tone, rich human voice, powerful bass
>Over-current protection and PTC protection for HF
>Twelve M10 flying points for quick set up and adjustment

**APPLICATIONS**

>Reinforcement system for touring show, meeting room, multi-purpose hall, bar, club, etc;
>Auxiliary system in medium/large meeting room, auditorium, etc;

# H SERIES

## STAGE SPEAKER SERIES

H08

H10

H12

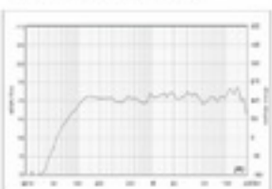
H15

H08
H10
H12
H15

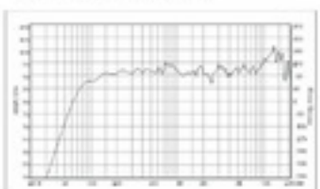
With thread flying point

| Model | H08 | H10 | H12 | H15 |
|---|---|---|---|---|
| Type | 2-way 8"full range cabinet | 2-way 10"full range cabinet | 2-way 12" full range cabinet | 2-way 15"full range cabinet |
| Freq Response | 75Hz~20kHz (-10dB) | 55Hz~20kHz (-10dB) | 50Hz~20kHz(-10dB) | 45Hz~20kHz(-10dB) |
| Sensitivity(1m/1W) | 92 dB | 94 dB | 96 dB | 97 dB |
| Impedance | 8Ω | 8Ω | 8Ω | 8Ω |
| Ratde Power | 150W | 200W | 300W | 400W |
| Max Power | 300W | 400W | 600W | 800W |
| Crossover | 2.7kHz | 2.5kHz | 2.5kHz | 2.5kHz |
| LF | 8" MF/LF / 50mm voice coil / 150W | 10" MF/LF / 65mm voice coil/ 200W | 12" MF/LF / 75mm voice coil / 300W | 15" MF/LF / 75mm voice coil / 400W |
| HF | PEN diaphragm / 34mm voice coil / 30W | PEN diaphragm/ 34mm voice coil/ 30W | PEN diaphragm / 44mm voice coil / 40W | PEN diaphragm / 44mm voice coil / 40W |
| Coverage(HxV) | 90°x40° | 90°x40° | 80°x60° | 80°x60° |
| Max SPL(@1m) | 114dB | 120dB | 124dB | 126dB |
| Dimension(WxHxD) | 268x420x247 (mm) | 326x484x319 (mm) | 379x569x369(mm) | 441x666x427(mm) |
| Weight | 11Kg | 18.5Kg | 24.5Kg | 32Kg |
| Recommended amp | EA200 | EA200 / EA300 | EA300 / EA500 / AA1000 | EA500 / AA1600 |

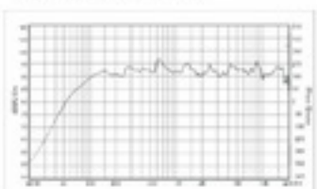
H08 Frequency response curve



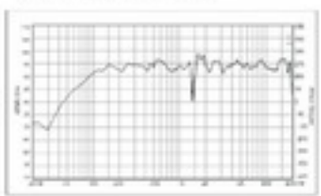
H10 Frequency response curve



H12 Frequency response curve



H15 Frequency response curve

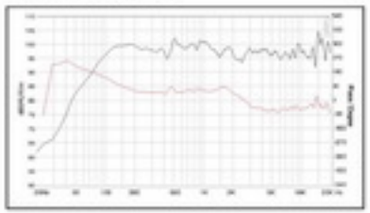


H215

With thread flying point

| Model | H215 |
|---|---|
| Type | 2x15"two way full range cabinet |
| Freq Response | 45Hz~20kHz (-10dB) |
| Sensitivity(1m/1W) | 100dB |
| Impedance | 4Ω |
| Rated Power | 800W |
| Max Power | 1600W |
| Crossoer | 1.8KHz |
| LF | 2x15" MF/LF / 75mm voice coil / 2x400W |
| HF | Ti/PEN composite membrane / 75mm voice coil / 80W |
| Coverage(HxV) | 80°x60° |
| Max SPL(@1m) | 131dB |
| Dimension(WxHxD) | 475x1060x444 (mm) |
| Weight | 54kg |
| Recommended amp | EA700 / AA2200 |

Frequency response curve



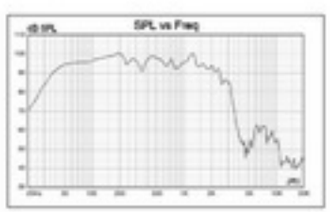
Plane structure

# H SERIES

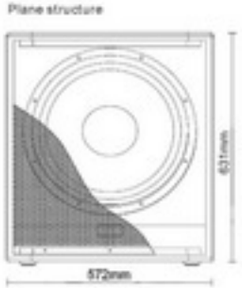
STAGE SPEAKER SERIES

H18S

Frequency response curve




Plane structure




| Model | H18S |
|---|---|
| Type | 18"Subwoofer |
| Freq Response | 40Hz~150Hz(-10dB) |
| Sensitivity(1m/1w) | 97dB |
| Impedance | 8Ω |
| Rated Power | 600W |
| Max Power | 1200W |
| Crossover | 150Hz |
| LF | 18" / 100mm voice coil / 700W |
| Max SPL(@1m) | 129dB |
| Dimension(WxHxD) | 572x631x704.4 (mm) |
| Weight | 46kg |
| Recommended amp | EA300 / AA1000 |

# FPH SERIES

PROFESSIONAL ACTIVE SPEAKER

FPH15A

FPH12A

# FPH SERIES

## SAMPLE INTRODUCTION OF PROFESSIONAL ACTIVE SPEAKER

**INTRODUCTION:**

FPH15A is a newly developed professional active plastic speaker, features newest design technology of electronic & electronic acoustic. "CLASS-D"PA of excellent sound quality; wide power input switch of light weight and stable performance; it consists of 400W NdFeB Magnets LF paper cone speaker and 75mm NdFeB Magnets HF compression driver. Constant direction tweeter horn can be used for main reinforcement speaker as well as stage monitoring speaker.

Be applicable for conference, multi-function hall, music hall, restaurant, coffee house etc professional sound reinforcement locations. Also it is fit for family salon and family concert.

**FEATURES：**

High effect "CLASS-D" PA, big power, small distortion and excellent sound quality.

Power switch design: light weight, stable performance, allow wide power input of 110V~230V.

NdFeB Magnets tweeter, bass speaker, high sensitivity, high SPL, light weight.

Constant direction tweeter horn, can be used for main reinforcement speaker as well as stage monitoring speaker.

Cabinet adopts high strength polypropylene engineering plastic of one-step plastic injection moulding, good rigidity, light weight.

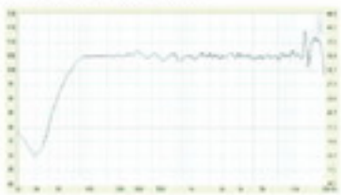
PA features "BOOST" button, can be used for background reinforcement. Signal compression automatic protection LED, overdrive protection LED.

Cabinet features three handle bars, is convenient for transiting.

Top and bottom of cabinet feature three M10 bolt hanging points. Hanging system is secure and convenient. They also can be used for 35mm special speaker rack.

### FPH15A

Frequency response curve



| Model | FPH15A |
|---|---|
| Type | 2 way active speaker |
| Frequency response | 55Hz~18KHz(±3dB)<br>45Hz~20KHz(-10dB) |
| Input sensitivity | 0dB |
| AMP power (RMS) | bass:500W ;tweeter:100W |
| Rated impedance | bass:4Ω;tweeter:8Ω |
| Coverage(H x V) | 90°x60° |
| Crossover | 1.1KHz |
| LF speaker | 1X15"LF paper cone speaker/76mm voice coil 1X 75mm HF |
| HF speaker | compression driver (1.4")/75mm voice coil |
| Max SPL(peak) | 135dB |
| Input connector/ output connector | 1XCOMBO JACK-XLR FEMALE / 1X XLR MALE |
| Dimension (W*H*D) | 450x710x370mm |
| Weight | 20kg |

**INTRODUCTION:**

FPH12A consists of a 12"300W NdFeB Magnet LF paper cone speaker and 44 mm NdFeB Magnet HF compression driver. Constant direction tweeter horn can be used as main reinforcement speaker as well as stage monitoring speaker.

**FEATURES:**

High efficiency "CLASS-D" PA, big power, small distortion and excellent sound quality;

Power switch design: light weight, stable performance, allows wide power input of 110V~230V. No need switch transferring;

NdFeB Magnet tweeter, LF speaker, high sensitivity, high SPL and light weight.

Constant direction tweeter horn design: can be used as main reinforcement speaker as well as stage monitoring speaker.

Cabinet adopts high strength polypropylene engineering plastic of one-step plastic injection moulding, good rigidity, light weight.

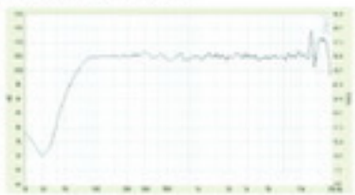
PA features "BOOST" button, can be used for background reinforcement. Signal compression automatic protection LED, overdrive protection LED.

Cabinet features three handle bars, is convenient for transiting.

Top and bottom of cabinet feature three M10 bolt hanging points. Hanging system is secure and convenient. They also can be used for 35mm special speaker rack.

### FPH12A

Frequency response curve



| Model | FPH12A |
|---|---|
| Type | 2 way active speaker |
| Frequency response | 60Hz~18KHz(±3dB)<br>50Hz~20KHz(-10dB) |
| Input sensitivity | 0dB |
| AMP power (RMS) | bass：500W ：tweeter：100W |
| Rated impedance | bass：4Ω：tweeter：8Ω |
| Coverage(H x V) | 90°x60° |
| Crossover | 1.8KHz |
| LF speaker | 1X12"LF paper cone speaker/76mm voice coil 1X 44mm HF |
| HF speaker | compression driver (1")/ 44mm voice coil |
| Max SPL(peak) | 133dB |
| Input connector/ output connector | 1XCOMBO JACK-XLR FEMALE / 1X XLR MALE |
| Dimension (W*H*D) | 390x630x360mm |
| Weight | 18kg |

# KB SERIES

## ACTIVE PLASTIC SPEAKER SERIES

### INTRODUCTION

"KB" active plastic speaker is a portable and multi-purpose speaker. It adopts polypropylene engineering plastic cabinet of plastic injection moulding, high strength, light weight; special handle bars, is convenient for transiting; features asymmetrical external design, can be used as feedback speaker; HF & LF speaker of high performance , big power and sound quality; active part features high/low tone control, electrical active crossover, can trim tone flexibly and appropriately; D-class bass PA with switch power adds on tweeter PA that adopted integrated circuit, good performance, small distortion, soft & nature tone; features overheat, over current, short-circuit as well as autonomic compression protection when signal overdrives etc protections of high stability and high security, which can guarantee speaker's normal working.

### FEATURES

Cabinet adopts high strength polypropylene engineering plastic of plastic injection moulding, good rigidity, light weight.
HF & LF speaker of high performance, big power and sound quality;
Special handle bars, is convenient for transiting; features asymmetrical external design, can be used as feedback speaker;
Features high/low tone control, electrical active crossover, can trim tone flexibly and appropriately.
D-class bass PA with switch power adds on tweeter PA that adopted integrated circuit, good performance, small distortion, soft & nature tone;
Features overheat, over current, short-circuit as well as autonomic compression protection when signal overdrives etc protections of high stability and high security, which can guarantee speaker's normal working.

### APPLICATIONS

Be applicable for conference room, multi-function hall, music hall etc medium & small size locations that require higher sound quality.

KB15A
KB15

KB12A
KB12

KB10A
KB10

# KB SERIES

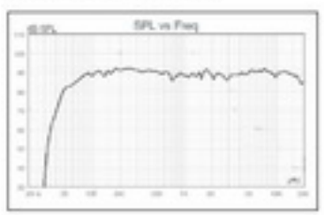
## ACTIVE PLASTIC SPEAKER SERIES

KB10A
KB12A
KB15A

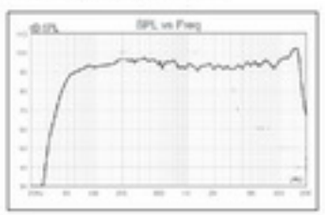
KB10A
KB12A
KB15A
REAR PANEL

| Model | KB10A | KB12A | KB15A |
|---|---|---|---|
| Type | 2-way Active Speaker | 2-way Active Speaker | 2-way Active Speaker |
| Frequency Response | 55Hz - 20K Hz | 45Hz - 20K Hz | 42Hz - 20K Hz |
| Sensitivity | -15dBu (line) | -15dBu (line) | -15dBu (line) |
| Crossover | 3K Hz | 3K Hz | 3K Hz |
| Woofer | 10 "bass / 50mm voice coil | 12 "bass / 65mm voice coil | 15 "bass / 65mm voice coil |
| Tweeter | AL film / 34mm voice coil | AL film / 34mm voice coil | AL film / 34mm voice coil |
| Dispersion(HxV) | 90 °x60 ° | 90 °x60 ° | 90 °x60 ° |
| MAX SPL | 118dB | 121dB | 123dB |
| PA(@1M) | 200W (LF) +50 W (HF) | 250W (LF) +70 W (HF) | 250W (LF) +70 W (HF) |
| Dimension(WxHxD) | 345x530x310mm | 410x630x330mm | 495x720x365mm |
| Weight | 25Kg | 28Kg | 31Kg |

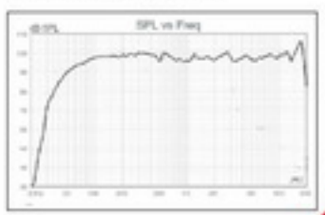
KB10A Frequency response curve




KB12A Frequency response curve




KB15A Frequency response curve



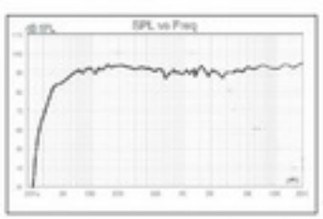
# KB SERIES

## PASSIVE PLASTIC SPEAKER SERIES

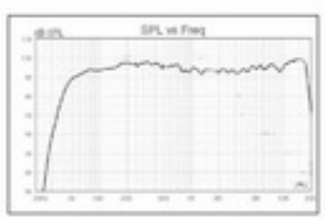
KB10
KB12
KB15

| Model | KB10 | KB12 | KB15 |
|---|---|---|---|
| Type | 2-way Passive Speaker system | 2-way Passive Speaker system | 2-way Passive Speaker system |
| Freq Response | 50Hz-18KHz | 50Hz-18KHz | 45Hz-20KHz |
| Sensitivity(1m/1w) | 96dB | 96dB | 97dB |
| Impedance | 8Ω | 8Ω | 8Ω |
| Rated Power | 200W | 200W | 250W |
| Max Power | 400W | 400W | 450W |
| Crossover | 3KHz | 3KHz | 3KHz |
| LF | 10" LF /63mm voice coil (FB1202H)/200W | 12" LF /63mm voice coil (FB1202H)/200W | 15" LF /63mm voice coi l(FB1502H)/225W |
| HF | Ti Diaphragm /34mm voice coil (FE013)/30W | Ti Diaphragm /34mm voice coil (FE013)/30W | Ti Diaphragm /34mm voice coil (FE013)/30W |
| Coverage(HxV) | 90°x60° | 90°x60° | 90°x60° |
| Max SPL(@1m) | 121dB | 125dB | 127dB |
| Dimension(WxHxD) | 345x530x310 (mm) | 410x630x330 (mm) | 495x720x365 (mm) |
| Weight | 24kg | 27kg | 31kg |

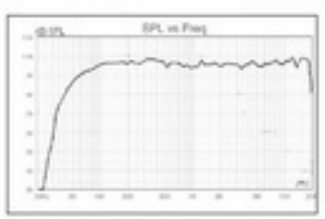
KB10A Frequency response curve




KB12A Frequency response curve




KB15A Frequency response curve




# FP SERIES

## PLASTIC SPEAKER SERIES

### INTRODUCTION

FP series of portable cabinets are divided into two sub-series: FP210A / FP212A / FP215A active and FP210 / FP212 / FP215 passive. They have polypropylene enclosure with high intensity and light weight. The professional handles are convenient for move. Asymmetry structures make the cabinets suitable for monitoring application. High performance tweeters and woofers have big power and excellent tone. Active cabinets are equipped with H/M/L 3 band equalizer to adjust tone. Class AB amp achieves excellent performance, low distortion, delicate tone. The protection includes thermal protection, over-current protection, short circuit protection, automatic compression while over load, which ensure the stability of cabinets

FP205/FP206/FP208/FP208-1 cabinets can be used in all kinds of weather. The cones are processed to be water-proof. FP205T has an impedance convertor for 100V or70V transmission. It has low distortion in long distance transmission.

### FEATURES

>Polypropylene enclosure, high intensity, light weight
>High performance tweeter and woofer, big power, excellent tone
>Professional handle for easy move; asymmetry structures for monitoring application;
>3 band equalizer to adjust tone
>Dual amps: class AB amp for low distortion HF/LF; loop transformer;
>perfect protection: thermal protection, over-current protection, short circuit protection, automatic compression while over load, which ensure the stability of cabinets
>LC crossover, low distortion HF protection circuit;

### APPLICATIONS

FP210A / FP212A / FP215A active and FP210 / FP212 / FP215 passive cabinets are suitable for medium/small sized applications, e.g. meeting room, multi-purpose hall, music hall.

FP205/FP206/FP208/FP208A/FP208-1/FP208-1A are suitable for plaza, park, mall, school and station, etc.

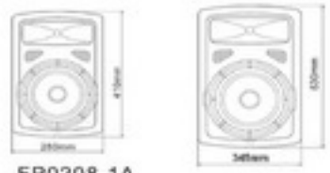
# FP SERIES

## PLASTIC SPEAKER SERIES

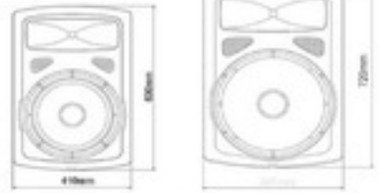
FP208-1A
FP0210A
FP0212A
FP0215A

FP208-1A FP0210A

FP0212A FP0215A



FP0208-1A FP0210A

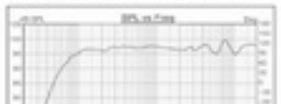


FP0212A FP0215A

FP0208-1A Frequency response curve

FP0210-1A Frequency response curve

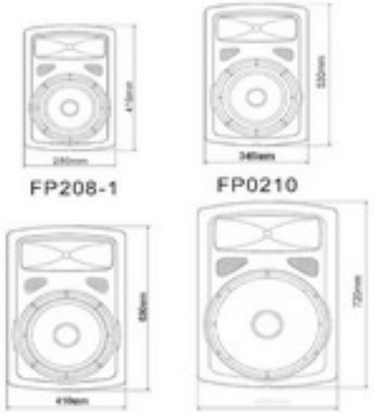
FP0212-1A Frequency response curve



FP0215-1A Frequency response curve

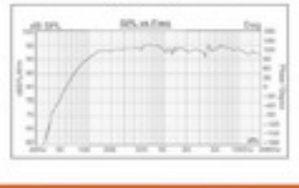
| Model | FP208-1A | FP021A | FP0212A | FP0215A |
|---|---|---|---|---|
| Type | 2-way Active Speaker system | 2-way Active Speaker system | 2-way Active Speaker system | 2-way Active Speaker system |
| Freq Response | 60Hz-20KHz | 50Hz-20KHz | 50Hz-18KHz | 45Hz-20KHz |
| Sensitivity(1m/1w) | 93dB | -15dB(line) | -15dB(line) | -15dB(line) |
| Impedance | 8Ω | 8Ω | 8Ω | 8Ω |
| Crossover | 3KHz | 2.5KHz | 2.5KHz | 2.5KHz |
| LF | 8" LF/38mm voice coil (FB0803H)/100W | 10" LF /63mm voice coil / 100W | 12" LF /63mm voice coil/ 200W | 15" LF /63mm voice coil/ 225W |
| HF | PEI Diaphragm /25mm voice coi (FE009)/10W | Ti Diaphragm /34mm voice coil /30W | Ti Diaphragm /34mm voice coil/30W | Ti Diaphragm /34mm voice coil/30W |
| Coverage(HxV) | 90°x 40° | 90°x60° | 90°x60° | 90°x60° |
| Max SPL(@1m) | 119dB | 118dB | 122dB | 124dB |
| Amplifier | 100W | 100W(LF)+30W(HF) | 200W(LF)+40W(HF) | 200W(LF)+40W(HF) |
| Dimension(WxHxD) | 280x410x230 (mm) | 345x530x310 (mm) | 410x630x330 (mm) | 495x720x365 (mm) |
| Weight | 9kg | 14kg | 18kg | 23kg |

FP208-1
FP0210
FP0212
FP0215

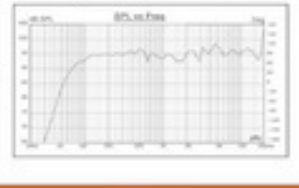


FP208-1 FP0210 FP0212 FP0215

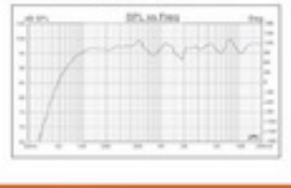
FP208-1 Frequency response curve



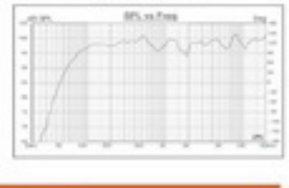
FP0210 Frequency response curve



FP0212 Frequency response curve



FP0215 Frequency response curve



| Model | FP208-1 | FP0210 | FP0212 | FP0215 |
|---|---|---|---|---|
| Type | 2-way Passive Speaker system | 2-way Passive Speaker system | 2-way Passive Speaker system | 2-way Passive Speaker system |
| Freq Response | 60Hz-20KHz | 50Hz-18KHz | 50Hz-18KHz | 45Hz-20KHz |
| Sensitivity(1m/1w) | 93dB | 96dB | 96dB | 97dB |
| Impedance | 8Ω | 8Ω | 8Ω | 8Ω |
| Rated Power | 100W | 200W | 200W | 225W |
| Max Power | 200W | 400W | 400W | 450W |
| Crossover | 3KHz | 2.5KHz | 2.5KHz | 2.5KHz |
| LF | 8" LF/38mm voice coil (FB0803H)/100W | 12" LF /63mm voice coil (FB1202H)/200W | 12" LF /63mm voice coil (FB1202H)/200W | 15" LF /63mm voice coi l(FB1502H)/225W |
| HF | PEI Diaphragm /34mm voice coi (FE009)/10W | Ti Diaphragm /34mm voice coil (FE013)/30W | Ti Diaphragm /34mm voice coil (FE013)/30W | Ti Diaphragm /34mm voice coil (FE013)/30W |
| Coverage(HxV) | 90°x 40° | 90°x60° | 90°x60° | 90°x60° |
| Max SPL(@1m) | 119dB | 121dB | 125dB | 127dB |
| Dimension(WxHxD) | 280x410x230 (mm) | 410x630x330 (mm) | 410x630x330 (mm) | 495x720x365 (mm) |
| Weight | 7kg | 27kg | 27kg | 31kg |

**Applications:**
This is a full range molded enclosure speaker system, made up of 15" Sub-bass and 12" main speakers. The FP115/0115 Sub-bass use a 15" bass speaker, the FP212 / FP0212 use a 12" speaker and 1" Driver with constant coverage horn. It has a smooth power response and higher SPL is suitable for dance halls, clubs and bars.

FP0115
FP115A

FP115A REAR PANEL

| Model | FP0115 | FP115A |
|---|---|---|
| Configuration | Sub-Woofer, Bass-Reflex Configuration | Sub-Woofer With Active Filter |
| Freq Response | 39Hz-125Hz | 38Hz-125Hz |
| Max SPL(@1m) | 128dB | 125dB |
| Sensitivity | 100dB (1W@1m) | -15dBu |
| Dispersion(H x V) | ---- | ---- |
| Crossover Freq | 125Hz | 125Hz |
| Impedance | 8Ω | 8Ω |
| Low Freq Woofer | FB1507H (15") | FB1507H (15") |
| High Freq Driver | ---- | ---- |
| Power Handing | 300W | 300W |
| Amplifier | ---- | ---- |
| Dimension(WxHxD) | 640x480x500mm | 640x480x500mm |
| Weight | 30kg | 32kg |

# PS SERIES

## POWERFUL ACTIVE SPEAKER

### INTRODUCTION

PS series of cabinets are divided into active and passive two series. Aluminum enclosure overcomes the defects of plastic enclosure, e.g. low rigidity, shaking, impure tone, etc. The aluminum enclosure is also used as hint sink to greatly improve heat dissipation, frequency response, transient performance. The high performance tweeter and woofer have big power and excellent tone.

Perfect protection: thermal protection, over-current protection, short circuit protection, automatic compression while over load, which ensure the stability of cabinetstransmission.

### FEATURES

>Aluminum enclosure, light weight, high intensity, better heat dissipation;
>High performance tweeter/woofer, big power, excellent tone;
>Class H amp, high efficiency, low distortion; the power of LF amp reaches 350W.
>Class AB amp, high performance, low distortion, 50W rated power;
> Perfect protection: thermal protection, over-current protection, short circuit protection, automatically reduce gain while signal over-loaded;

### APPLICATIONS

Suitable for medium/small applications, e.g. meeting room, multi-purpose hall, music hall, etc;

# PS SERIES

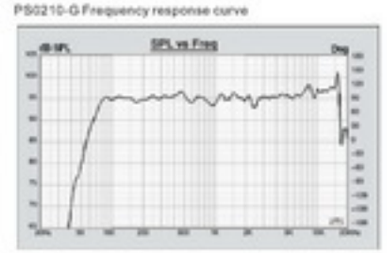
## POWERFUL PASSIVE SPEAKER

PS0210-G
PS0212-G
PS0215-G

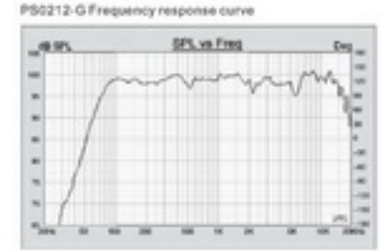
PS0210-G / PS0212-G / PS0215-G
Rear panel

| Model | PS0210-G | PS0212-G | PS0215-G |
|---|---|---|---|
| Type | 2-way Passive Speaker system | 2-way Passive Speaker system | 2-way Passive Speaker system |
| Freq Response | 65Hz-20KHz | 60Hz-20KHz | 50Hz-20KHz |
| Sensitivity(1m/1w) | 95dB | 97dB | 99dB |
| Impedance | 8Ω | 8Ω | 8Ω |
| Rated Power | 250W | 300W | 350W |
| Max Power | 500W | 600W | 700W |
| Crossover | 2KHz | 2KHz | 2KHz |
| LF | 10"LF / 50mm voice coil / 200W | 12" LF / 75mm voice coil / 300W | 15" LF / 75mm voice coil / 350W |
| HF | PEN Diaphragm / 44mm voice coil / 40W | PEN Diaphragm / 44mm voice coil / 40W | PEN Diaphragm / 44mm voice coil / 40W |
| Coverage(HxV) | 90°x60° | 90°x60° | 90°x60° |
| Max SPL(@1m) | 122dB | 125dB | 127dB |
| Dimension(WxHxD) | 364x575x393 (mm) | 422x664x440 (mm) | 484x744x469 (mm) |
| Weight | 19kg | 23kg | 29kg |

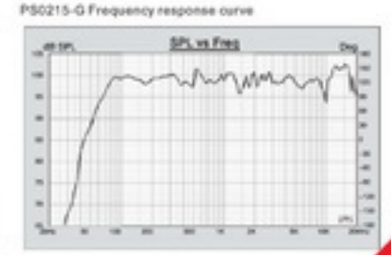
PS0210-G Frequency response curve




PS0212-G Frequency response curve




PS0215-G Frequency response curve



# PS SERIES

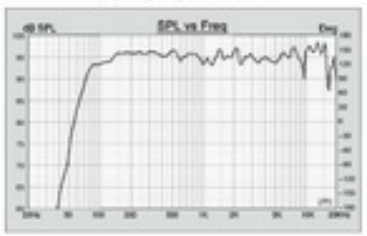
## POWERFUL ACTIVE SPEAKER

**PS0210A-G**
**PS0212A-G**
**PS0215A-G**

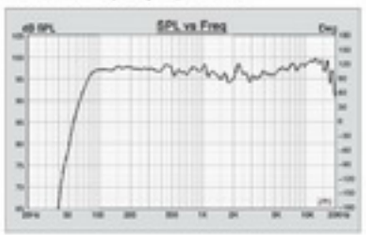
PS0210A-G/PS0212A-G
Rear panel

| Model | PS0210A-G | PS0212A-G | PS0215A-G |
|---|---|---|---|
| Type | 2-way Active cabinet | 2-way Active cabinet | 2-way Active cabinet |
| Freq Response | 65Hz-20KHz | 60Hz-20KHz | 50Hz-20KHz |
| Sensitivity(1m/1w) | 0dBu ( line)/-42dB(mic) | 0dBu ( line)/-42dB(mic) | 0dBu ( line)/-42dB(mic) |
| Impedance | 8Ω | 8Ω | 8Ω |
| Rated Power | 250W(LF)+50W(HF) | 300W(LF)+50W(HF) | 350W(LF)+50W(HF) |
| Crossover | 2KHz | 2KHz | 2KHz |
| LF | 10"LF / 50mm voice coil / 200W | 12" LF / 75mm voice coil / 300W | 15" LF / 75mm voice coil / 350W |
| HF | PE diaphragm / 34mm voice coil / 30W | PE diaphragm / 44mm voice coil / 40W | PE diaphragm / 44mm voice coil / 40W |
| Coverage(HxV) | 90°x60° | 90°x60° | 90°x60° |
| Max SPL(@1m) | 121dB | 123dB | 125dB |
| Dimension(WxHxD) | 364x575x393 (mm) | 422x664x440 (mm) | 484x744x469 (mm) |
| Weight | 21kg | 26kg | 32kg |

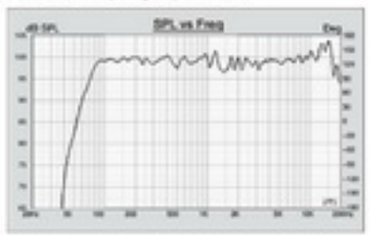
PS0210A-G Frequency response curve




PS0212A-G Frequency response curve




PS0215A-G Frequency response curve

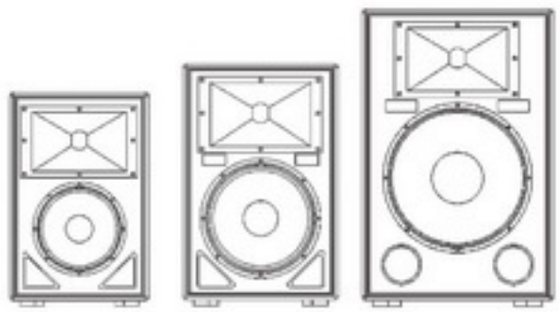



# F SERIES

"F" series second generation cabinets, with concise and compact appearance, are ideal to suit the need of mobile performance requirements
The design concept is that through the excellency of HF MF and LF speaker, the simplification of the crossover network is realized to make sure that the truest sound is represented.
The enclosure is designed strictly according to the parameter characteristics of the LF units to optimize the low frequency response. The built-in LC crossover adopts high precision metalized Polypropylene film capacitor. The voice coil of LF speaker utilize the heat-resistant Kapton while HF speaker the titanium diaphragm with high precision phase corrector.
This series of cabinets can be widely applied in venues, dance hall, and professional sound reinforcement projects.

# F SERIES

F210
F212
F215

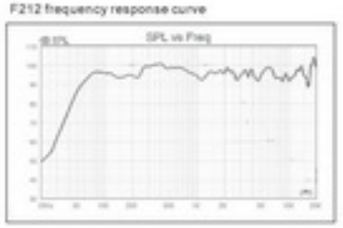


F210 F212 F215

F2212N-1

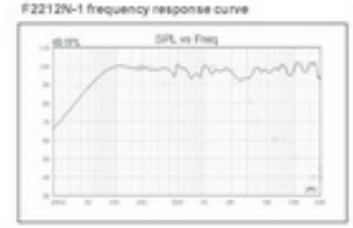
F210 frequency response curve

F212 frequency response curve



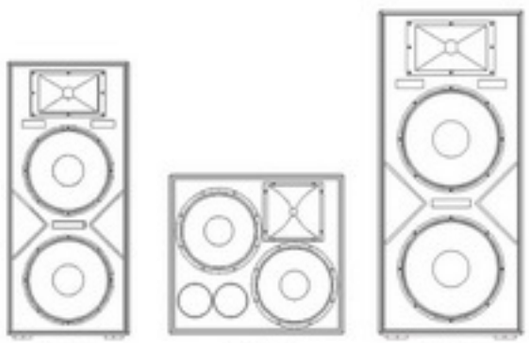

F215 frequency response curve

F2212N-1 frequency response curve




| Model | F210 | F212 | F215 |
|---|---|---|---|
| Type | 2-Way Passive Loudspeaker | 2-Way Passive Loudspeaker | 2-Way Passive Loudspeaker |
| Freq Response | 60Hz ~ 20KHz | 50Hz ~ 20KHz | 40Hz ~ 20KHz |
| Sensitivity (1w/m) | 95dB | 96dB | 97dB |
| Rated Power | 175W | 200W | 225W |
| Nominal Impedance | 8Ω | 8Ω | 8Ω |
| Crossover Frequency | 2.2KHz | 2.2KHz | 2.2KHz |
| Drivers | L F: FB1005H (10") | L F: FB1202H(12") | L F: FB1502H(15") |
| | H F: FE001 (1.34") | H F: FE001 (1.34") | H F: FE001 (1.34") |
| Dispersion(HxV) | 90°x60° | 90°x60° | 90°x60° |
| Max. SPL(@1m) | 121dB | 122dB | 124dB |
| Dimensions (WxHxD) | 390x574x375mm | 418x614x375mm | 504x758x483mm |
| Weight | 15 kg | 19 kg | 23 kg |

| Model | F2212N-1 |
|---|---|
| Configuration | 2-Way Passive Loudspeaker |
| Frequency Response | 45Hz~20KHz |
| Sensitivity (1w/m) | 99dB |
| Rated Power | 400W |
| Nominal Impedance | 4Ω |
| Crossover Frequency | 1.8KHz |
| Drivers | L F: FB1202H x 2 (12") |
| | H F: FE010 (1.73") |
| Dispersion(HxV) | 90°x60° |
| Max. SPL(@1m) | 128dB |
| Dimensions (WxHxD) | 634x578x410mm |
| Weight | 25 kg |

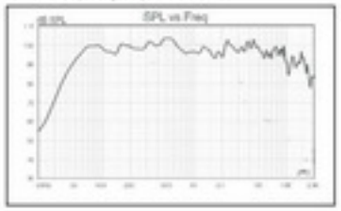


F2212 F2212N-1 F2215

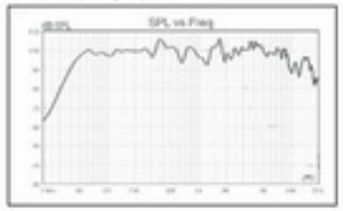
# F SERIES

F2212
F2215

F2212 frequency response curve



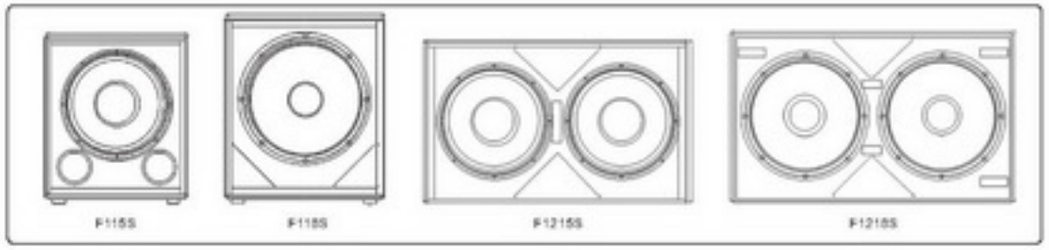
F2215 frequency response curve



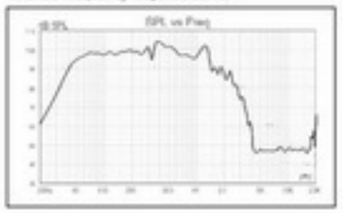
| Model | F2212 | F2215 |
|---|---|---|
| Configuration | 2-Way Passive Loudspeaker | 2-Way Passive Loudspeaker |
| Frequency Response | 45Hz~20KHz | 40Hz~20KHz |
| Sensitivity (1w/m) | 99dB | 100dB |
| Rated Power | 400W | 450W |
| Nominal Impedance | 4Ω | 4Ω |
| Crossover Frequency | 2.2KHz | 2KHz |
| Drivers | L F: FB1202H x 2 (12") | L F: FB1502H x 2 (15") |
| | H F: FE010 (1.73") | H F: FE010 (1.73") |
| Dispersion(HxV) | 90°x60° | 90°x60° |
| Max. SPL(@1m) | 128dB | 130dB |
| Dimensions (WxHxD) | 440x975x423mm | 524x1186x512mm |
| Weight | 30 kg | 35 kg |

F1215S
F1218S

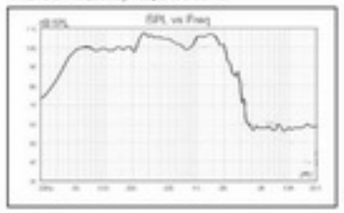
F115S
F118S



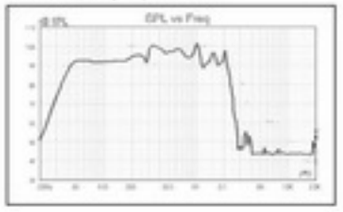

F1215S frequency response curve



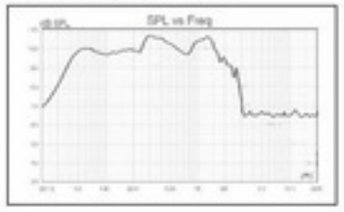
F1218S frequency response curve



F115S frequency response curve



F118S frequency response curve

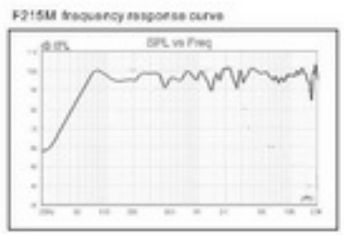


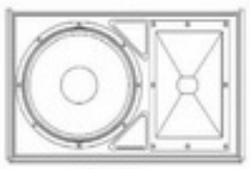
| Model | F115S | F118S | F1215S | F1218S |
|---|---|---|---|---|
| Type | Passive Subwoofer | Passive Subwoofer | Passive Subwoofer | Passive Subwoofer |
| Frequency Response | 40Hz ~ 125Hz | 37Hz ~ 125Hz | 40Hz~ 125Hz | 37Hz ~ 125Hz |
| Sensitivity (1w/m) | 98dB | 100dB | 101dB | 103dB |
| Rated Power | 700W | 700W | 1400W | 1400W |
| Nominal Impedance | 8Ω / 4Ω | 8Ω / 4Ω | 4Ω | 4Ω |
| Crossover frequency | 125Hz | 125Hz | 125Hz | 125Hz |
| Drivers | FA2226H-7(15") | FA2241H-6(18") | FA2226H-7(15")x 2 | FA2241H-6(18")x 2 |
| | FA2226G-7(15") | FA2241G-6(18") | | |
| Max. SPL(@1m) | 130dB | 132dB | 136dB | 138dB |
| Dimensions (WxHxD) | 504x594x602mm | 560x658x662mm | 914x554x664mm | 1036x624x694mm |
| Weight | 40 kg | 48 kg | 59 kg | 65 kg |

# F SERIES

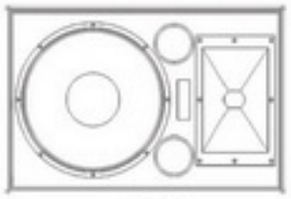
F1512
(F115S+F212)

F212M
F215M



F212M



F215M

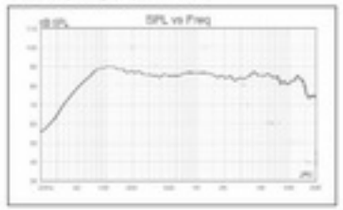
The full-range loudspeaker system consists of 15" powerful subwoofer and 12" 2-way speaker, the full-range loudspeaker system consists of 18" powerful subwoofer and 15" 2-way speaker, features the outstanding performance and perfect audio effect, and offers flat frequency response and high SPL. It is widely applicable for slap-up multifunctional hall, conference room, bar, dance hall and so on.

| Model | F212M | F215M |
|---|---|---|
| Configuration | 2-Way Passive Loudspeaker | 2-Way Passive Loudspeaker |
| Frequency Response | 55Hz ~ 20KHz | 50Hz ~ 20KHz |
| Sensitivity (1w/m) | 96dB | 97dB |
| Rated Power | 200W | 225W |
| Nominal Impedance | 8Ω | 8Ω |
| Crossover Frequency | 2.2KHz | 2.2KHz |
| Drivers | LF: FB1202H(12") | LF: FB1502H(15") |
| | HF: FE001(1.34") | HF: FE001(1.34") |
| Coverage Angle(HxV) | 60°x 90° | 60°x 90° |
| Max SPL(@1m) | 122dB | 124 dB |
| Dimensions(WxHxD) | 586 x 382 x 342 mm | 700 x 468 x 425 mm |
| Weight | 17 kg | 21 kg |

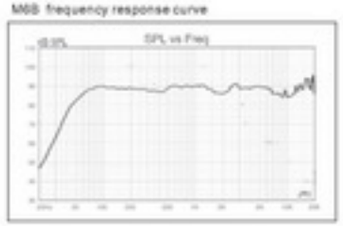
# M SERIES
## STUDIO MONITOR SPEAKER SERIES

M5B
M6B
M8B

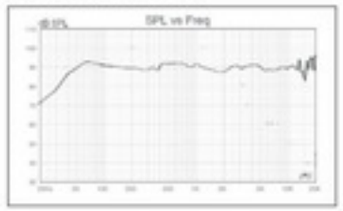
M5B frequency response curve




M6B frequency response curve




M8B frequency response curve



M5B REAR

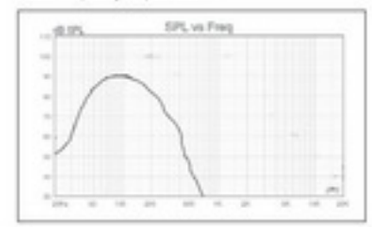
M6B M8B REAR

| Model | M5B | M6B | M8B |
|---|---|---|---|
| Frequency Response | 65Hz-20KHz (±3dB) | 50Hz-20KHz (±3dB) | 45Hz-20KHz (±3dB) |
| Drivers | LF: FH0501G (5") | LF: FH0601G (6.5") | LF: FH0801G ( 8" ) |
| | HF: FE015 (3/4" dome) | HF: FE016 (1" dome) | HF: FE016 ( 1" dome ) |
| Max. SPL(@1m) | 106dB (Pair) | 109dB (Pair) | 111dB (Pair) |
| Power(RMS) | | | |
| RMS | Woofer: 50W Tweeter: 25W | Woofer: 60W Tweeter: 30W | Woofer: 90W Tweeter: 45W |
| Power music | Woofer: 100W Tweeter: 50W | Woofer: 120W Tweeter: 60W | Woofer: 180W Tweeter: 90W |
| Frequency Response | 50Hz-100Hz <2% | 50Hz-100Hz <2% | 50Hz-100Hz <2% |
| | 100Hz-20KHz <1% | 100Hz-20KHz <1% | 100Hz-20KHz <1% |
| Power Amp Distortion | THD: 0.05% @ 1KHz | THD: 0.05% @ 1KHz | THD: 0.05% @1KHz |
| Input connector | COMBO (XLR+1/4"TRS) | COMBO (XLR+1/4"TRS) | COMBO (XLR+1/4"TRS) |
| | XLR/1/4"TRS | XLR/1/4"TRS | XLR/1/4"TRS |
| Input Sensitivity | Line: +4dBU | Line:+4dBu | Line:+4dBU |
| | Microphone: -42dBU | Microphone: -42dB | Microphone: -42dBU |
| Input Impedance | 10KΩ | 10KΩ | 10KΩ |
| Crossover | 2.2KHz | 2.5KHz | 2.7KHz |
| Power Supply | USA/CANADA: 120V 60Hz | USA/CANADA: 120V 60Hz | USA/CANADA: 120V 60Hz |
| | EUROPE: 230V 50Hz | EUROPE: 230V 50Hz | EUROPE: 230V 50Hz |
| | JAPAN: 100V 50Hz | JAPAN: 100V 50Hz | JAPAN: 100V 50Hz |
| Dimensions (WxHxD) | 195x260x155mm | 245x327x310mm | 256X410X363.5mm |

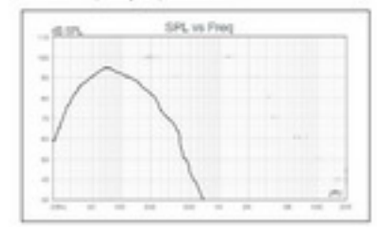
M8SA

M10SA

M8SA frequency response curve




M10SA frequency response curve




| Model | M8SA | M10SA |
|---|---|---|
| Freq Response | 45Hz-200Hz (±3dB) | 40Hz-500Hz(±3dB) |
| Drivers | LF: FH0801G ( 8" ) | 10" |
| Max. SPL(@1m) | 108dB | 110dB |
| Max. Power(RMS) | Rated power: bass 90W | Rated power: bass 100W |
| Power music | bass: 180W | bass 200W |
| Distortion | 88dB SPL @ 1M | 90dB SPL @ 1M |
| | 50Hz-100Hz 2% | 50Hz-100Hz 2% |
| | 100Hz-20KHz 0.5% | 100Hz-20KHz 0.5% |
| Power Amp Distortion | THD: 0.05% @1KHz | THD: 0.05% @1KHz |
| Input connector | COMBO (XLR+1/4"TRS)/ | (XLR+1/4"TRS)/ |
| | XLR/1/4"TRS | XLR/1/4"TRS |
| Input Sensitivity | Line:+4dB | Line:+4dB |
| | Microphone: -42dB | Microphone: -42dB |
| Input Impedance | 10KΩ | 10KΩ |
| Crossover | 2.7KHz | |
| Power Supply | 120V 60Hz(US/CA) | 120V 60Hz (US/CA) |
| | 230V 50Hz(EU) | 230V 50Hz (EU) |
| | 100V 50Hz(JP) | 100V 50Hz (JP) |
| Dimensions (WxHxD) | 256X410X363.5mm | 256x360x363.5mm |

# FW SERIES

## STUDIO MONITOR SPEAKER SERIES

**INTRODUCTION**

FW series speakers represent a high quality, full-range and horn loaded speaker which can make high quality sound and sound reproduction. They can be used in any weather condition.

**FEATURES**

- Light-weight cabinet, waterproof
- Coaxial structure speaker
- High sensitivity output,
- Far sound reproduction.
- Safety and reliability flying settings, easy to install

**APPLICATIONS**

Stadium, Outdoor Plaza, Conference Center, etc.

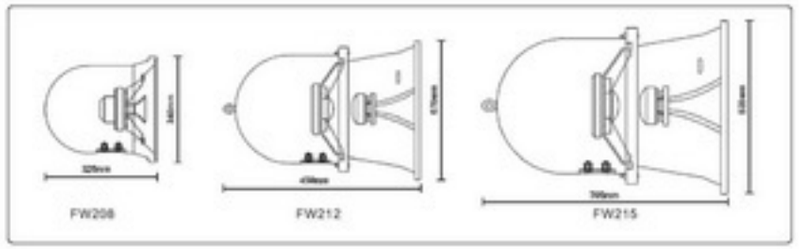
Soundking Pro Audio System Applied in Beijing Laoshan Olympic Mountain Bike Venue

# FW SERIES

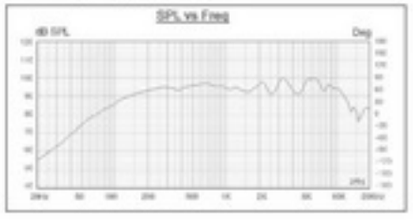
## FOR MOBILE OUTDOOR PERFORMANCE

FW208

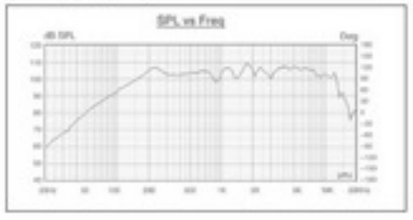
FW212/FW215



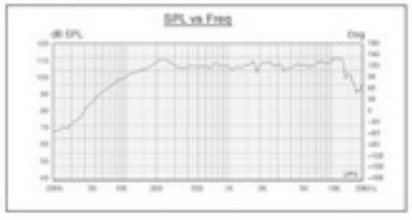

FW208 frequency response curve




FW212 frequency response curve




FW215 frequency response curve




| Model | FW208 | FW212 | FW215 |
|---|---|---|---|
| Type | 2-way passive speaker | 2-way passive speaker | 2-way passive speaker |
| Bass | FH0804H(8"+1") | FB1207H(12") | FB1507H(15") |
| Tweeter | | FE010(1.7") | Fe025(3") |
| Freq. Range | 90Hz~15KHz | 90Hz~15KHz | 80Hz～18KHz |
| Sensitivity | 95 dB | 102dB | 104dB |
| Nominal impedance | 8Ω | 8Ω | 8Ω |
| Rated Power | 120W | 250W | 350W |
| Max. SPL(@1m) | 119dB | 127dB | 130dB |
| Coverage(HxV) | 60°x 60° | 45°x 45° | 45°x 45° |
| Dimension(HxWxD) | 325x325x345(mm) | 450x450x670(mm) | 535x535x765(mm) |
| Net Weight | 15 Kg | 27.5 Kg | 32.5Kg |
| Gross Weight | 17.5 Kg | 35 Kg | 40 Kg |

# FW SERIES

## FOR MOBILE OUTDOOR PERFORMANCE

**INTRODUCTION**

The FW12 long throw horn loaded speaker was specially designed for gymnasium. It consists of a 12" woofer and two 44 mm high compression driver. The horn is same with the D series line array loudspeaker with the constant directivity and dual high compression drivers for higher intelligibility.

**FEATURES**

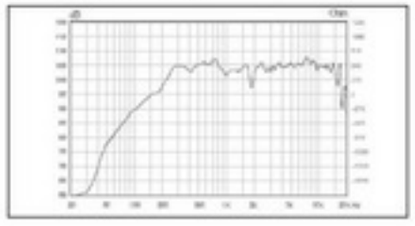
- Light-weight cabinet, waterproof
- Power-Output with high sensitivity
- Coverage with far distance
- Professional flying setting with safety and reliability, easy to install

**APPLICATIONS**

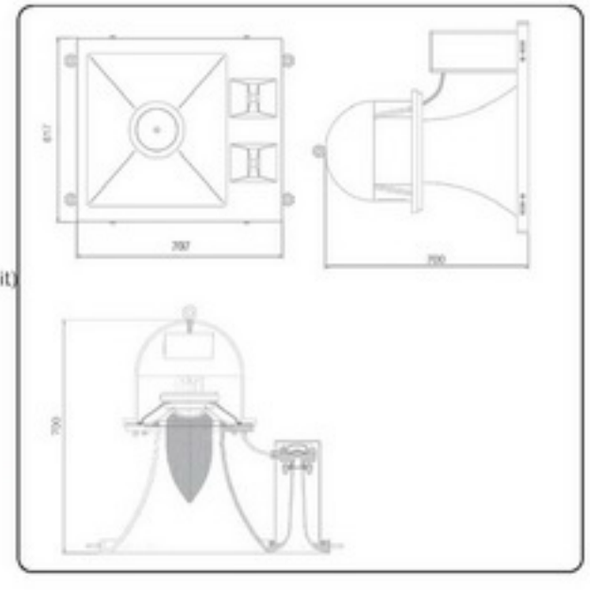
Gymnasium, Stadium, Club Auditorium, Small Venue.

FW12

FW12 frequency response curve



| Model | FW12 |
|---|---|
| Type | 2-way 12" long distance horn loaded speaker |
| Frequency Response | 200Hz~16KHz（±3dB） |
| | 140Hz~20KHz（-10dB） |
| Sensitivity (1w@1m) | 106dB |
| Rated Power (RMS) | 300W |
| Nominal impedance | 8Ω |
| Horn Coverage(H*V) | 50°x25° |
| Crossover Frequency | 2.2KHz |
| Woofer | 1x12" paper cone woofer |
| Tweeter | 2x44mm HF compression driver (1" exit) |
| Max. SPL@1m | 134dB |
| Dimension(W x H x D) | 617x707x700mm |
| Net Weight | 34kg |



# D SERIES

## HIGH POWER LONG DISTANCE SPEAKER

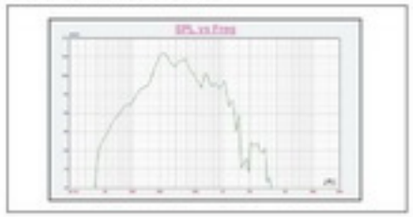
# D SERIES

## HIGH POWER LONG DISTANCE SPEAKER

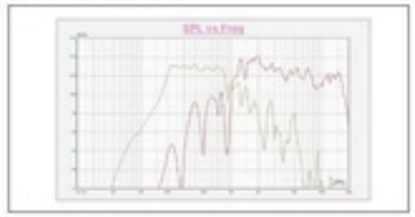
D315L

| Model | D315L |
|---|---|
| Type | LF cabinet(long distance horn) |
| Frequency response | 140Hz~800Hz(±3dB) |
| | 70Hz~1.2KHz(-10dB) |
| Sensitivity（1m/1W) | 102dB |
| Rated power (RMS) | 800W |
| Rated impedance | 8Ω |
| Coverage(H*V) | 45°x45° |
| Crossover | 700Hz |
| Woofer | 1X15" cone woofer /101mm voice coil |
| Max SPL(@1m) | 134dB |
| Dimension(W*H*D) | 600x640x790mm |
| Net weight | 52kg |

D315L frequency response curve



D315H frequency response curve



| Model | D315H |
|---|---|
| Type | MF/HF cabinet (long distance horn) |
| Frequency response | 200Hz~18KHz(±3dB) |
| | 150Hz~20KHz(-10dB) |
| Sensitivity（1m/1W) | 107dB（MF） |
| | 108 dB（HF） |
| Rated power (RMS) | MF：300W ,HF：125W |
| Rated impedance | LF：8Ω；HF：8Ω |
| Coverage（H*V) | 45°x45° |
| Crossover | 700Hz；2.2KHz |
| Woofer | 1X10" MF cone speaker/76mm voice coil |
| HF driver | 1X 100mm HF compression driver（2" exit）/ 100 mm voice coil |
| Max SPL(@1m) | 135dB（MF）；132 dB（HF） |
| Dimension(W*H*D) | 600x520x790mm |
| weight | 47kg |

D315H

D1218-1SD

### INTRODUCTION

D1218-1SD consists of two 18" subwoofers. It has folded horn structure, strong directivity, high sensitivity, powerful bass.

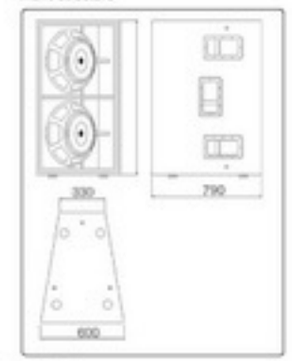
### FEATURES

>strong directivity, high sensitivity & SPL, long distance broadcast;
> High performance speaker unit, phase correction and bullet correction for MF/LF to reach better performance;
> Water-proof cone for application in various weather;
> 20mm birch plywood box, PU foam to absorb audio in box and to ensure pure tone of wooden horn;
> 3 flying point for safe and quick set-up; cabinet can also be piled on floor.

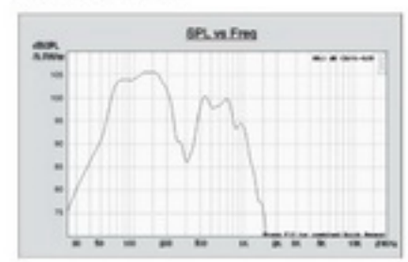
### APPLICATION

Suitable for stadium, sports venue, or large/medium sized entertainment.

Plane structure




Frequency response curve




| Model | D1218-1SD |
|---|---|
| Type | sub-woofer (with long distance horn) |
| Freq Response | 55Hz~220Hz (-10dB) |
| | 60Hz~180Hz (±3dB) |
| Sensitivity（1m/1w) | 104dB |
| Impedance | 4Ω |
| Rated Power | 1600W |
| Max Power | 3200W |
| Crossover | 120Hz |
| LF | 2x18"(457mm)/4"(101mm) cone speaker |
| Max SPL(@1m) | 139dB |
| Dimension（WxHxD) | 600x1100x790（mm） |
| Weight | 78kg |
| Recommended amp | AA3500 |

| Model | quantity | Power amplifier | quantity |
|---|---|---|---|
| D1218-1S | 1 | 1600W / 4Ω | 1 |
| | 2 | 1600W / 4Ω | 1 |
| | 3 | 1600W / 4Ω | 2 |
| | 4 | 1600W / 4Ω | 2 |
| | 5 | 1600W / 4Ω | 3 |

# TR SERIES

## CABINETS

TR series cabinets are designed to meet the needs of small and medium-sized live show. We offer cabinets with a wide range of powers and sizes: 10", 12" and 15". You can also use a 15" and 18" subwoofers for an extended bass response. A multi-angle design allows you to use the same cabinet as main front PA or as monitor cabinet. Furthermore you can orientate the horn to suit different requirements.

Other features are craftsman finishing on all the joints, top frame for flying and bottom frame for stacking; high surface reflex vents for a higher efficiency and slow air speed to avoid the "breath" effect at high powers.

State of the art high frequency horn has constant directivity to assure the most linear sound field. Fast removable front grill is convenient for a quick orientation of the horn coverage pattern change.

# TR SERIES

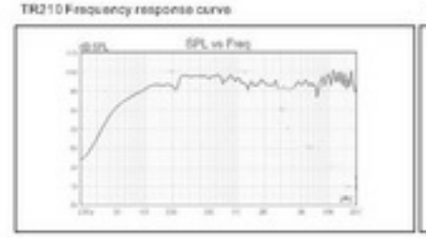
## CABINETS

TR210

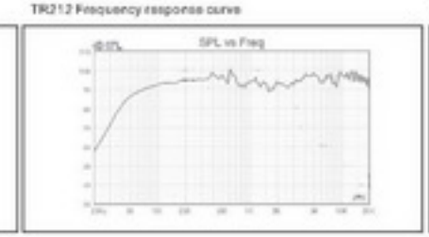
TR212
TR215

CROSS-SECTION

TR210 Frequency response curve




TR212 Frequency response curve




TR215 Frequency response curve

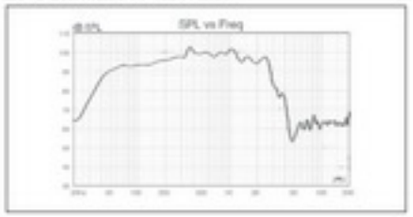
| Model | TR210 | TR212 | TR215 |
|---|---|---|---|
| Type | 10" 2-Way Vented Cabinet System | 12" 2-Way Vented Cabinet System | 15" 2-Way Vented Cabinet System |
| Freq Response(-10dB) | 55Hz~20KHz | 50Hz~20KHz | 40Hz~20KHz |
| Freq Response(±3dB) | 57Hz~18KHz | 54Hz~18KHz | 55Hz~18KHz |
| Sensitivity(1w/1m) | 94dB | 95dB | 97dB |
| Rated Power | 200W | 600W | 600W |
| Max. Power | 400W | 1200W | 1200W |
| Rated Impedance | 8Ω | 8Ω | 8Ω |
| Max. SPL(@1m) | 120dB@1m | 126dB@1m | 128dB@1m |
| Bass Driver | 1 x FB1007H | 1 x FA2206H | 1 x FA2226H |
| Treble Driver | 1 x 44 Titanium Diaphragm | 1 x 44 Titanium Diaphragm | 1 x 44 Titanium Diaphragm |
| Coverage(HxV) | 90° x 40° | 90° x 40° | 90° x 40° |
| Hanging / Installation | Professional frame/connector | Professional frame/connector | Professional frame/connector |
| Dimension (WxHxD) | 320x636x267mm | 434x636x364mm | 501x665x425mm |
| Weight | 13 kg | 22kg | 32kg |

# TR SERIES

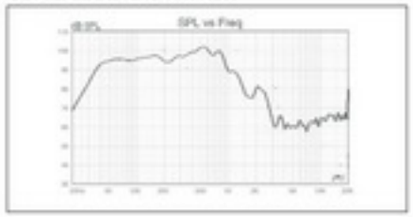
## CABINETS

TR115S
TR118S

TR115S Frequency response curve




TR118S Frequency response curve




| Model | TR115S | TR118S |
|---|---|---|
| Type | 15" Vented Subwoofer | 18" Vented Subwoofer |
| Freq Response (-10dB) | 40Hz~220Hz | 35Hz~220Hz |
| Freq Response (±3dB) | 44Hz~200Hz | 40Hz~200Hz |
| Sensitivity (1w/1m) | 97dB | 97dB |
| Rated Power | 700W | 700W |
| Max. Power | 1400W | 1400W |
| Rated Impedance | 8Ω | 8Ω |
| Max. SPL(@1m) | 129dB@1m | 129dB@1m |
| Bass Driver | 1 x 15" | 1 x 18" |
| Dimension (WxHxD) | 581x460x511mm | 658x514x531mm |
| Weight | 33kg | 40kg |

# FCB SERIES

## CABINETS

Utilizing a one inch exit, 44mm voice coil, Compression Driver, that many manufacturers would reserve only for their very expensive 'high-end' cabinets, the FCB 208, FCB 210, FCB 212 and FCB 215 perform in a way that belies their affordable price tag. Loaded with proprietary custom made SoundKing bass-mid drivers that allow precise integration with the CD horn, the result is a smooth, controlled and powerful high SPL response with outstanding definition and clarity.

Designed for professional Disco, live band applications and custom installations, the FCB 208, FCB 210, FCB 212 and FCB 215 offer an edge over the competition. Fitted with dual Speakon compatible connectors, allowing for easy daisy chaining, and sharing the full range of FCB features normally expected from products costing considerably more.

In addition to the standard features FCB 208, FCB 210, FCB 212 and FCB 215 are fitted with a user configurable CD horn for narrow or flood coverage. Flying points, bar handles are standard features and are constructed from premium grade 18mm MDF.

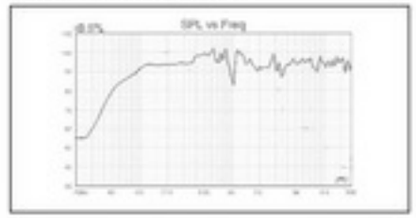
Designed as full range enclosures or for use as mid high packs in sub-woofer, satellite systems.

# FCB SERIES

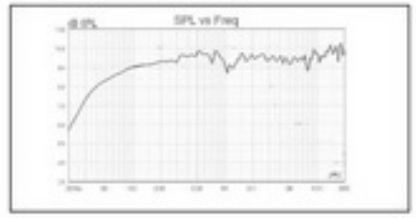
## CABINETS

**FCB208**
**FCB210**
**FCB212**
**FCB215**

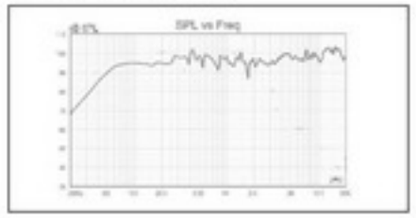
FCB208 Frequency response curve



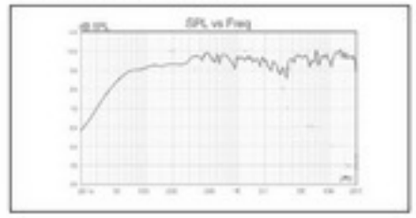

FCB210 Frequency response curve




FCB215 Frequency response curve



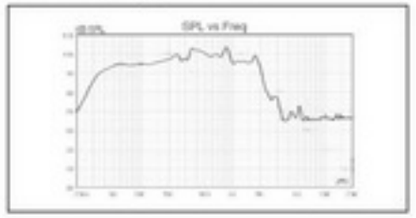

FCB212 Frequency response curve



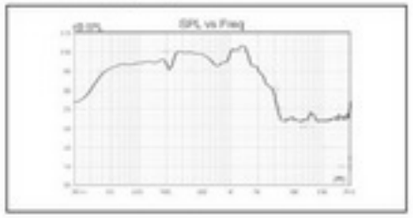

| Model | FCB208 | FCB210 | FCB212 | FCB215 |
|---|---|---|---|---|
| Type | 8" 2-Way Vented Cabinet System | 10" 2-Way Vented Cabinet System | 12" 2-Way Vented Cabinet System | 15" 2-Way Vented Cabinet System |
| Freq Response(-10dB) | 60Hz~20KHz | 50Hz~20KHz | 45Hz~20KHz | 43Hz~20KHz |
| Freq Response(±3dB) | 80Hz~18KHz | 57Hz~18KHz | 54Hz~18KHz | 50Hz~18KHz |
| Sensitivity(1w/1m) | 93dB | 95dB | 96dB | 97dB |
| Rated Power | 60W | 200W | 300W | 300W |
| Max. Power | 120W | 400W | 600W | 600W |
| Rated Impedance | 8Ω | 8Ω | 8Ω | 8Ω |
| Max. SPL(@1m) | 114dB | 120dB | 124dB | 125dB |
| Bass Driver | 1 x FB0803H | 1 x FB1007H | 1 x FB1203H | 1 x FB1503H |
| Treble Driver | 1 x 44 Titanium Diaphragm | 1 x 44 Titanium Diaphragm | 1 x 44 Titanium Diaphragm | 1 x 44 Titanium Diaphragm |
| Coverage(HxV) | 90° x 60° | 90° x 60° | 90° x 60° | 90° x 60° |
| Hanging / Installation | Pro frame / Connector | Pro frame / Connector | Pro frame / Connector | Pro frame / Connector |
| Dimension(WxHxD) | 284x452x312mm | 315x508x346mm | 378x538x415mm | 432x641x465mm |
| Weight | 10kg | 13kg | 19kg | 23kg |

**FCB115S**
**FCB118S**

FCB115S Frequency response curve

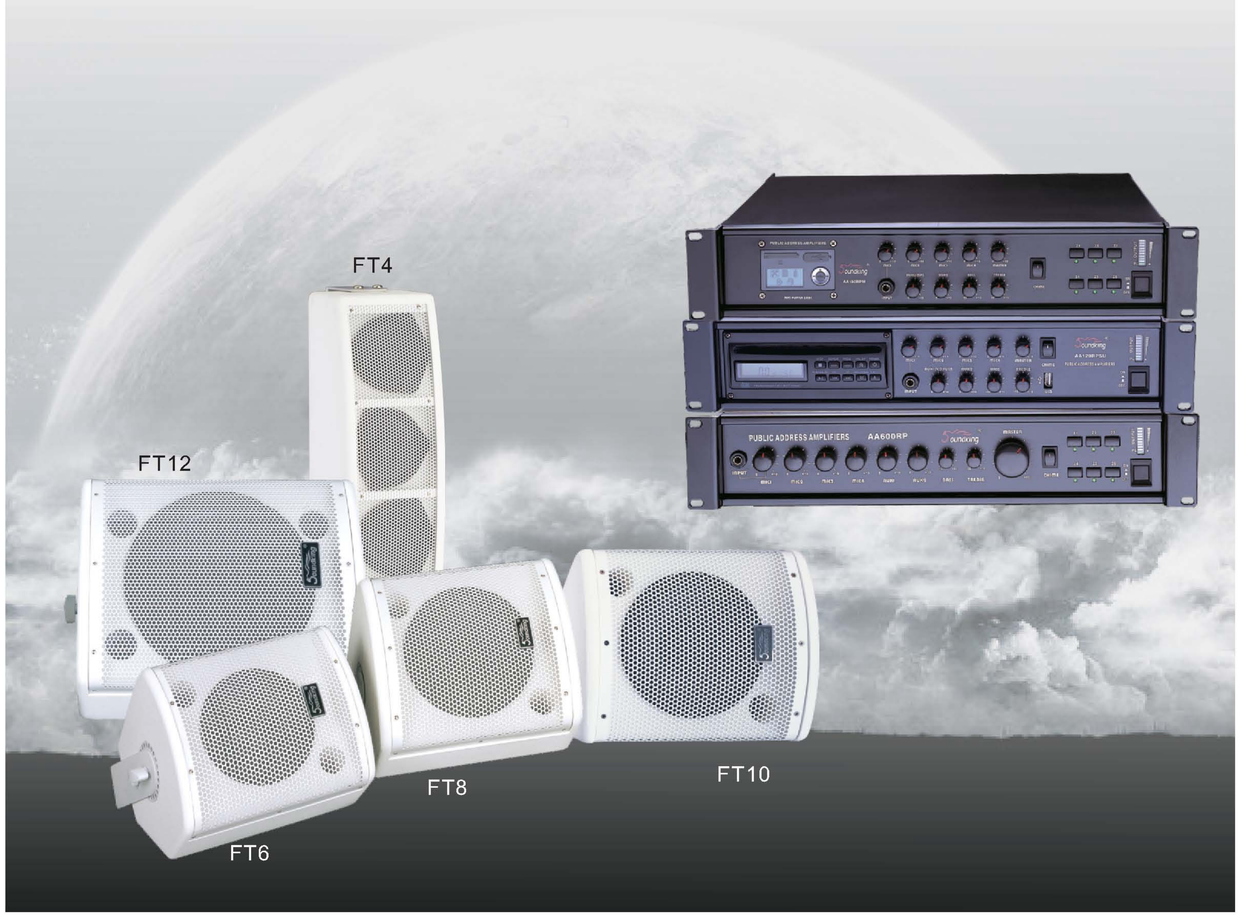



FCB118S Frequency response curve

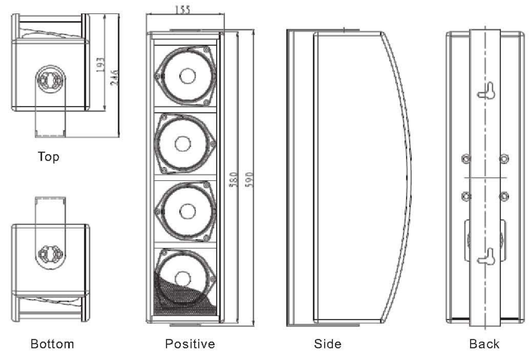



| Model | FCB115S | FCB118S |
|---|---|---|
| Type | 15"Vented Subwoofer | 18"Vented Subwoofer |
| Freq Response(-10dB) | 40Hz~220Hz | 35Hz~220Hz |
| Freq Response(±3dB) | 44Hz~200Hz | 40Hz~200KHz |
| Sensitivity(1w/1m) | 97dB | 97dB |
| Rated Power | 600W | 700W |
| Max. Power | 1200W | 1400W |
| Rated Impedance | 8Ω | 8Ω |
| Max. SPL(@1m) | 129dB | 129dB |
| Bass Driver | 1x15" | 1x18" |
| Dimension(WxHxD) | 500x500x560mm | 570x592x750mm |
| Weight | 32kg | 43kg |

# Public Broadcasting Conference Systems

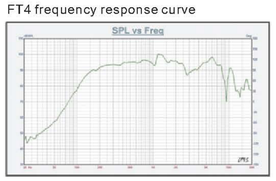



## FT SERIES CONFERNCING SPEAKER

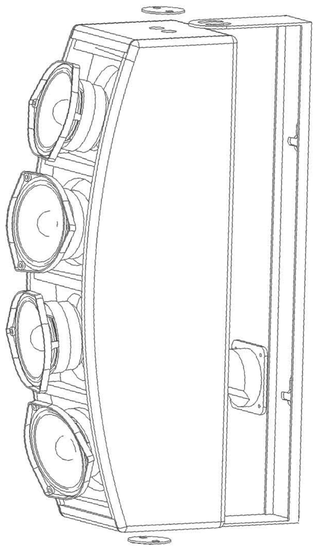


FT4

FT4 frequency response curve

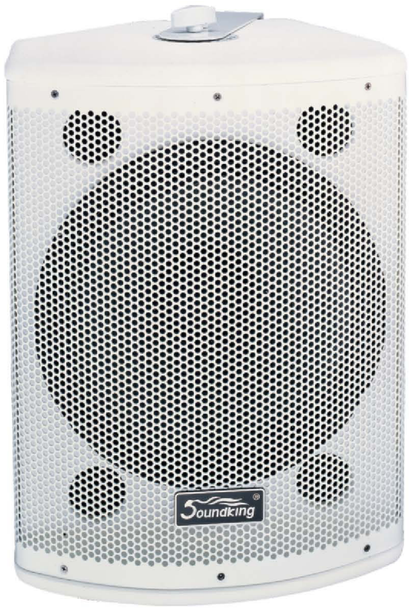


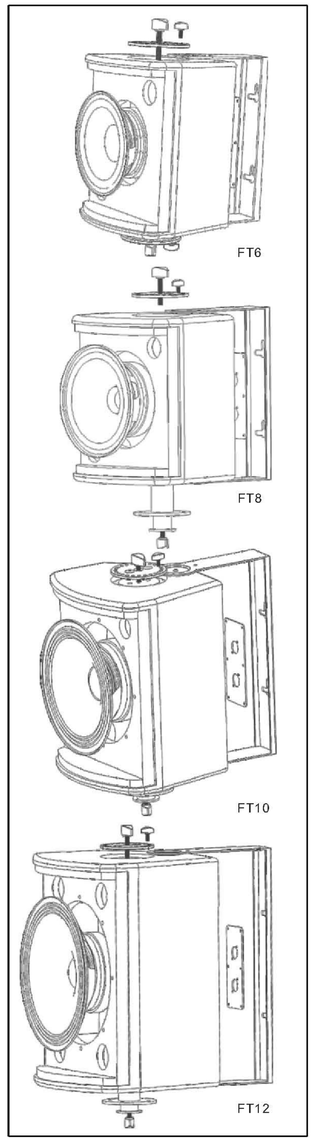

| Model | FT4 |
|---|---|
| Type | 4" full-range speaker |
| Frequency response | 150Hz~12kHz |
| Rated Power | 60W |
| Crossover Sensitivity | 90 dB |
| Nominal impedance | 8Ω |
| Dimensions(W×H×D) | 155×188×550(mm) |
| Net Weight | 8Kg |

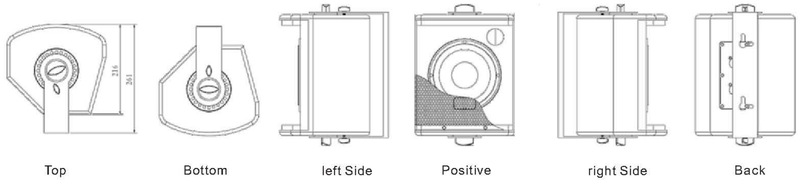


# FT SERIES CONFERNCING SPEAKER

FT6
FT8
FT10
FT12




FT6 frequency response curve

FT8 frequency response curve

FT10 frequency response curve

FT12 frequency response curve

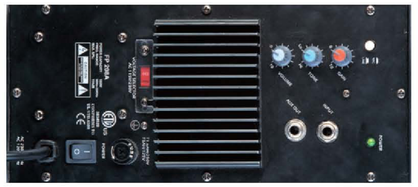
| Model | FT6 | FT8 | FT10 | FT12 |
|---|---|---|---|---|
| System type | 2-way 6"Full range speaker | 2-way 8"Full range speaker | 2-way 10"Full range speaker | 2-way 12"Full range speaker |
| Frequency response | 120Hz~18kHz | 100Hz~18kHz | 75Hz~18kHz | 60Hz~18kHz |
| Power handing | 100W | 150W | 200W | 250W |
| Crossover Frequency | 3500Hz | 3000Hz | 2500Hz | 2200Hz |
| Sensitivity(1W@1m) | 90dB | 92 dB | 94 dB | 96 dB |
| Nominal impedance | 8Ω | 8Ω | 8Ω | 8Ω |
| Dimensions(W×H×D) | 238x288x216.3(mm) | 270×245×310(mm) | 297×270×374(mm) | 341×311×447(mm) |
| Net Weight | 8.5Kg | 11.75Kg | 17.5Kg | 22Kg |

# P.A CABINET

FP205
FP205T ( Transformer )

Optional:black white

FP206/F206T
FP206A ( Built-in AMP:50W )
FP208/F208T
FP208A ( Built-in AMP:50W )



FP206A FP208A

F205T/F206T/F208T
FEATURES
> high density and light weighted plastic enclosure
> high performance, high power bass unit
> well designed LC crossover, HF protection circuit with low noise
> the transformer suits for high voltage input (70V or 140V)

| Model | FP205 / FP205T | FP206 / 206T/FP206A | FP208 / F208T/FP208A |
|---|---|---|---|
| Configuration | 2-Way Configuration With Passive Filter | 2-Way Configuration | 2-Way Configuration |
| Frequency Response | 95Hz~20KHz | 80Hz~20KHz | 60Hz~20KHz |
| Power Capacity | 30W | 60W | 80W |
| Impedance | 4 Ω/8 Ω | 8Ω | 8Ω |
| Drivers | LF-FB0501(5") HF-3/4" Dome | LF-FB0601(6.5") HF-1" Dome | LF-FB0801(8") HF-1" Dome |
| Sensitivity(1W@1m) | 88 dB | 91 dB | 93 dB |
| Maximum SPL(@1m) | 106dB | 112dB | 115dB |
| Dimensions(HxWxD) | 226X152X130(mm) | 360X200X232(mm) | 410X230X280(mm) |
| Weight | 3.2 kg | 4.5 kg | 6 kg |

PA23

Stand easy to install and operate

Cabinet Bag Rain&dust proof

EW23D(Extension)

EW23C(Chairman)

Standard Set List:
Chairman: EW23C x 1
Extension: EW23D x 5
Aluminum-alloy Cabinet x 1
Option:
Extension increased to approximate 100/Set (EW23D)

P.A SYSTEM+WIRELESS MEETING SYSTEM

This product is a cabinet with multi-function, e.g. CD/MP3 player, USB interface, SD card/U disk. Furthermore, its highlight is an additional wireless digital system. The rechargeable battery supplies power for more than 6h. The batteries of master and slave supplies power for more than 30h.
APPLICATION: Remote/Country side show, outdoor trip, beach product conference, small show/party, speech, touring meeting

SPEAKER SYSTEM
- Woofer: 10”100 W,8Ω
- Piezo tweeter
- MAX SPL: 113dB
- Fre response: 65Hz~20KHz
- THD: <5%
- USB disk/ SD card player
- CD player: CD /Mp3
- Connector: USB interface

WIRELESS MEETING SYSTEM
(standard configuration: 1 chairman, 5 extensions)
- Frequency band 2.4G ISM frequency band,
- Used for 3 person simultaneously.
- Frequency response:300Hz~3.4KHz)
- Master controls the whole meeting system Slave works without master.
- Slave quantity unlimited ( first in , first out)
- High anti-interference, low power consumption
- Distortion: less than 1.0%

EXTENSION
- Power supply: 1.5V*2
- Frequency response: 300---3400Hz
- Sensitivity: -45dB+2dB
- Dimension: 158mmX118mmX55mm
- Weight: 850g

CHAIRMAN
- Power supply: 1.5V*2
- Frequency response: 300----3400Hz
- Sensitivity: -45dB±2dB
- Dimension: 158x118x55mm
- Weight: 650g

AUDIO AMPLIFIER
- Power amplifier: 1x100W
- THD: <0.5%
- Frequency response 20Hz-20KHz
- Power supply: AC100~120V / 50 or 60Hz AC220~240 / 50 Hz or DC12V
- input proper voltage according to the display of actual adaptor
- Built-in AC/DC, DC/DC convertor
- Built-in 12V(12V 12AH) battery
- DC connector: DC12V for recharging (car DC12V can be used for recharging)
- Light for operation in dark environment
- Telescopic handle and wheels
- Weight: 25Kg
- Dimension(mm): 424X424X697 mm

OPTIONAL ACCESSORY
- Packing
- Black bag
- Stand: DBO21B

Application Diagram

# DIGITAL WIRELESS CONFERENCING SYSTEM

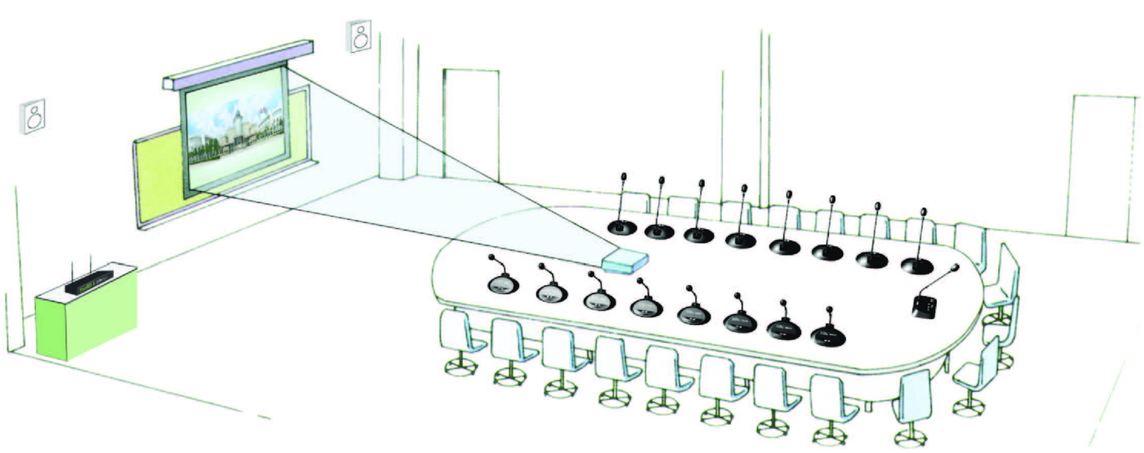
**APPLICATION**

Medium/small meeting

**FEATURES**

- 2.4G ISM frequency band 2400—2483MHz ISM; without the need of connection; freely move;
- Advanced digital wireless transmission technology ( transmitting / receiving distance more the 20m, differing as meeting room configuration), standard & clear tone(the requirement of ITU G.711 ITU G.712)
- The main transmitter/receiver has 3 channels( including a master). The master controls the whole meeting system. Meeting way can be freely chosen.
- The system automatically identifies the master. It works normally without the master(first in, first out). The quantity of slaves is not limited.
- Low power consumption of slave, two AA batteries working more than 30h;
- High anti-interference, not interferenced by mobile phone;
- Easy operation; without the need of adjustment; master off, slave off; easy management.

EW23 is a digital wireless conferencing system. It consists of main transmitter EW23M, master EW23C, slave EW23D with the features, e.g. powerful and systematic function, convenient and easy operation for the applications in medium/small meeting.



# DIGITAL WIRELESS CONFERENCING SYSTEM

EW23M(Main transmitter/receiver)

| Model | EW23M | EW23C | EW23C |
|---|---|---|---|
| Power supply | 12-18V 50/60Hz 5W | 1.5V x2 | 1.5V x2 |
| Freresponse | 200-3400Hz | 200-3400Hz | 200-3400Hz |
| Sensitivity | — | -45dB±2dB | -45dB±2dB |
| Distortion | less than 1.0% | – | – |
| Unbalanced output | -20dBu--30dBu GAIN 10dB | – | – |
| Balanced output | -20dBu--30dBu GAIN 10dB | – | – |
| Recording output | -10dBu/600Ω | – | – |
| Dimension | 208x185x44mm | 158x118x55mm | 158x118x55mm |
| weight | 1.28kg | 850g | 650g |

EW23

Standard Set List:
Host: EW23M x 1
Chairman: EW23C x 1
Extension: EW23D x 6
Aluminum-alloy Cabinet x 1

# P.A POWERAMP

AA180RPM(MP3 playing)

AA120RPSU

AA240RP

This series of products used in the 2010 Shanghai World Expo

This series of products are PA power amplifiers with Combo bal/unbal input, fixed impedance and fixed voltage output for near/far broadcasting. They are practical and safe devices with thermal protection, over current protection, DC protection and short circuit protection circuit.

| Model | Input Sensitivity | Distortion | S/N Ratio | Power |
|---|---|---|---|---|
| AA240RP | MIC:-48dB AUX:-20dB | Less Than 0.5% | More Than 65dB | 240W |
| AA180RP | MIC:-48dB AUX:-20dB | Less Than 0.5% | More Than 65dB | 180W |
| AA120RPSU | MIC:-48dB AUX:-20dB | Less Than 0.5% | More Than 65dB | 120W |

APPLICATIONS

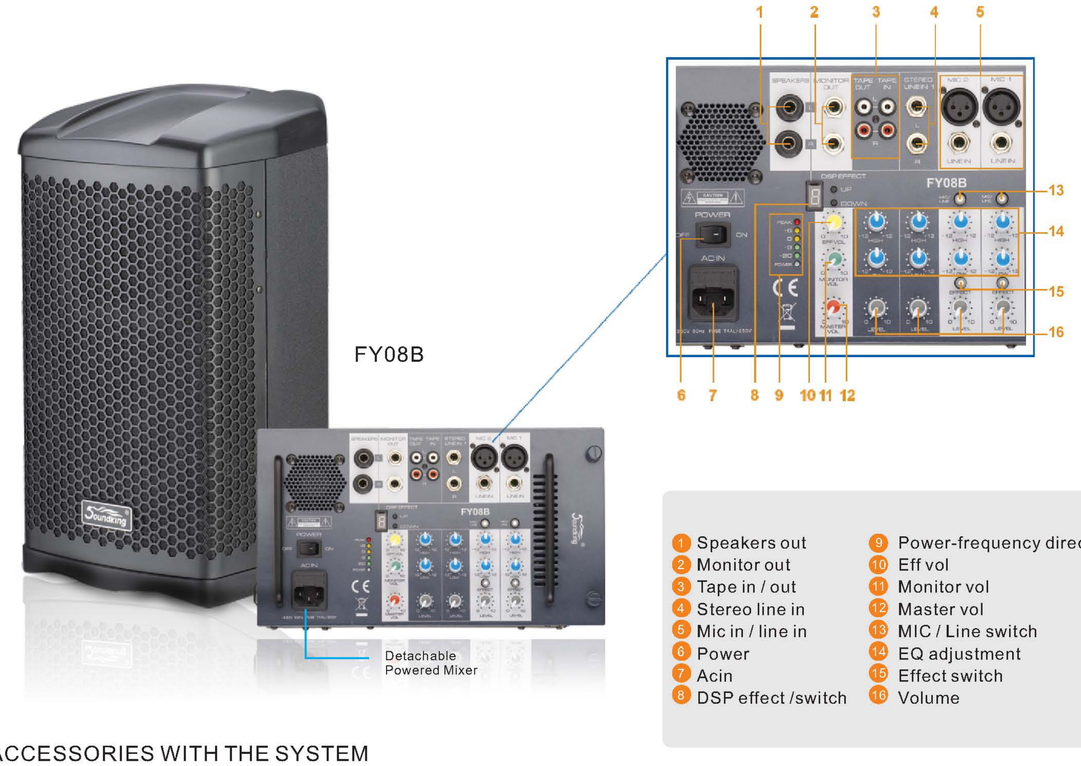
Factory,school,port,station,etc.

FEATURES

- 4 MIC in, 2 LINE in; MIC1 and prelude have the same priority;
- Rated impedance 4~16Ω, rated voltage 70V , 100V output for long distance broadcasting;
- 100V for 6 zones, electric switch for turning on/off any zone at random;
- Rear panel has pre-output and master output for connection with other audio equipment;
- Cooling Fan with variable speed;
- Built-in thermal protection, over current protection, DC protection and hort circuit protection circuit;
- MP3 playing ( AA180RPM ).
- External DC24V (AA120RPSU);
- External USB, optical fiber, coaxial input, PC connectable (AA120RPSU);
- CD playing (AA120RPSU).

# PA SYSTEM

# FY series
# Multi-purpose Cabinet Material




1. Speakers out
2. Monitor out
3. Tape in / out
4. Stereo line in
5. Mic in / line in
6. Power
7. Acin
8. DSP effect /switch
9. Power-frequency direction
10. Eff vol
11. Monitor vol
12. Master vol
13. MIC / Line switch
14. EQ adjustment
15. Effect switch
16. Volume

The newest Soundking design --"FY" series portable P.A. system are a combination of mixer, amplifier and a 8" or 10" passive wooden speaker. Besides the exceptionally lightweight, and simplicity of setup and package, this system also features in the reliable protection circuit built-in: thermal protection, over-current protection, short-circuit protection, over load protection and etc.

The mixer/amplifier fits perfectly inside the speaker cabinet, and can be detached for convenient placement and easy access. Despite the compact size, this system is well-received by its high performance, power and excellent sound quality.

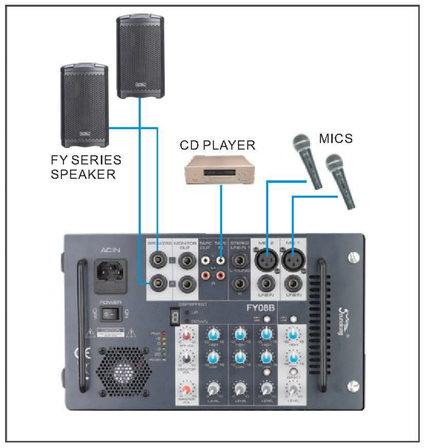
With multi-purpose design, this series can be widely applied for live music performance or public address, conference, home studio, salon and etc.

With multi-purpose design, this series can be widely applied for live music performance or public address, conference, home studio, salon and etc.

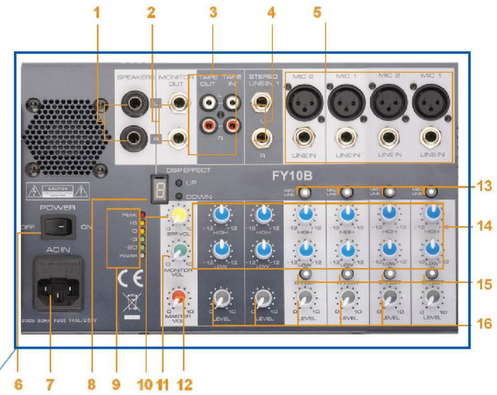
## ACCESSORIES WITH THE SYSTEM

1. Mixer Stand Df150
2. Speaker stands DB008B/W
3. Speaker mount Dc011
4. Cables

## CONNECTION DEMONSTRATION



# FY series
# Multi-purpose Cabinet Material




1. Speakers out
2. Monitor out
3. Tape in / out
4. Stereo line in
5. Mic in / line in
6. Power
7. Acin
8. DSP effect /switch
9. Power-frequency direction
10. Eff vol
11. Monitor vol
12. Master vol
13. MIC / Line switch
14. EQ adjustment
15. Effect switch
16. Volume

7 channels powered mixer：4 MIC inputs/LINE inputs, 1 stereo inputs, 1 RCA stereo input; 1 RCA stereo output; Each input has ±15dB 2 band Hi/Low EQ. Two main outputs, a monitor output and also a build-in DSP with 16 programs;
High efficiency switching power, class D stereo power amps, perfect protections;
Highly portable for quick setup and tear down;
Two M10 flying points on the top & bottom and one M8 flying point on the back for angle adjustment;
35mm pole mounting option on the bottomwhich is convenient for quick setup application.

OPTIONALS TO GO WITH THE SYSTEM

Microphone

Speaker bag(water proof)

Flight case
Dimension(mm):750x435x770

| Product | FY08B | FY10B |
|---|---|---|
| Speaker Type | 8” 2-way Active Speaker | 10” 2-way Active Speaker |
| Frequency Response | 80Hz~16KHz(±3dB)<br>65Hz~20KHz(-10dB) | 70Hz~18KHz(±3dB)<br>45Hz~20KHz(-10dB) |
| Sensitivity（1W@1M） | 94dB | 95dB |
| Max.SPL（@1M） | 116dB | 118dB |
| Speaker | | |
| Rated Impedance | 4Ω | 4Ω |
| Rated Power （RMS） | 200Wx2 | 120Wx2 |
| LF Driver | 1X8” LF Cone Speaker | 1X10” LF Cone Speaker |
| HF Driver | 1X 34mm HF Compressor Driver(1”exit) | 1X 34mm HF Compressor Driver(1”exit) |
| Coverage(HxV) | 60°x40° | 60°x60° |
| Crossover | 3.5KHz | 2.54KHz |
| Input Connector | JACK | JACK |
| Dimension(WxHxD) | 268x438x304(mm) | 308x510x340(mm) |
| Weight | 15kg | 22kg |
| Mixer | | |
| MIC Input Impedance | Balanced 20KΩ | Balanced 20KΩ |
| MIC Gain Control | -54dBu~ -20dBu | -54dBu~ -20dBu |
| LINE Input Impedance | Unbalanced 47 kΩ | Unbalanced 47 kΩ |
| MIC/STEREO Channel EQ ： | | |
| Bass | ±12dB±3dB,100Hz | ±12dB±3dB,100Hz |
| Treble | ±12dB±3dB,10KHz | ±12dB±3dB,10KHz |
| Load Impedance | 4Ω | 4Ω |
| Rated Power | 2x200W(THD<0.5%, 4Ω Load at 1KHz) | 2x250W(THD<0.5%, 4Ω Load at 1KHz) |
| Total Harmonic Distortion(THD) | ⩽0.1%(1KHz,100W) | ⩽0.2%(1KHz,100W) |
| Frequency Response | 20Hz~20KHz,±3dB(1W, 4Ω Load) | 20Hz~20KHz,±3dB(1W, 4Ω Load) |
| Load Impedance of Head Microphone | 200Ω | 200Ω |
| Maximum Output Level of Head Microphone | +12dB | +12dB |
| Rated Voltage | AC 230V/50Hz | AC 230V/50Hz |

# WE SERIES

**Feature:**
>DVD，CD，MP3，WMA compatible simultaneously; automatic playing;
>USB & SD input interface;
>LCD display, digital serve system, DVD & AMP HF/LF circuits;
>Rotary coding pot, digital volume control, analog volume control, etc;
>DVD has the function of memorizing playing and shockproof;
>Battery operates 6-8 hours and is suitable for touring show and outdoors application;
>Wooden structure, excellent tone, no shaking noise;
>U band wireless MIC for more than 30m application;
>Wheels and telescopic handle for easy moving;
>Hi-fi class AB circuit;
>High quality speaker
>FM/AM radio function.

WE10-100

| Mode | WE10-100 |
|---|---|
| Max. Output Power | 100W / 8Ω |
| Frequency Response | 20Hz~20kHz |
| THD | < 0.5% |
| Built-in Sound Source | DVD/MP3 Player +USB+SD Card |
| Input Sensitivity | AUX: -10dBV DVD: -10dBV |
| Mic | U frequency band wireless system |
| Speaker System | 10"/ 8Ω/ LF，20W/ 8Ω/HF |
| Weight | 35.6kg |
| Voltage | 110V/220V, DC12V 12V x 2 (12V, 12Ah) |

OPTIONALS TO GO WITH THE SYSTEM
>Loudspeaker system(with water proof speaker bag)
>Speaker stand(with stand bag)(DB080)

**Feature:**
> DVD, CD, MP3, WMA compatible simultaneously; Automatic playing;
> USB & SD input interface;
> LCD display, digital serve system, DVD & amp HF/LF circuits;
> Rotary coding potentio meter, digital volume control, analog volume control,etc;
> DVD has the function of memorizing playing and shockproof;
> Battery operates 6-8 hours and is suitable for touring show and outdoors application;
> Wooden structure, excellent tone, no shaking noise;
> U band wireless MIC for more than 30m application;
> Wheels and telescoped handle for easy moving;
> 15 inch LCD for outdoors application;
> Hi-fi class AB circuit;
> High quality coaxial speaker;
> FM/AM radio function.

WE10-100T

| Mode | WE10-100T |
|---|---|
| Max. Output Power | 100W / 8Ω |
| Frequency Response | 20Hz~20kHz |
| THD | < 0.5% |
| Built-in Sound Source | DVD/MP3 Player +USB+SD Card |
| Input Sensitivity | AUX: -10dBV DVD: -10dBV |
| Mic | U frequency band wireless system |
| Speaker System | Bass100W,Treble 40W |
| Weight | 44kg |
| Voltage | 110V/220V, DC12V 12V x 2 (12V, 12Ah) |

OPTIONALS TO GO WITH THE SYSTEM
>Loudspeaker system(with water proof speaker bag)
>Speaker stand(with stand bag)(DB080)
>15"Lcd

# WA SERIES

**Introduction:**

This product is a cabinet with multi-function. It is compact and convenient to move. Already through the EMC, 3C and RoHS authentication, it completely avoids the electron radiations, electrostatic and electromagnetic which interfere to people's life. Its performance and feature reach the international level of the built-in battery is able to supply power for 6 hours continuously.

**Application:**

Army mountain show, outdoors trip, beach products conference, small show/party, teaching, etc.

WA10-100

| Model | WA10-100 |
|---|---|
| Max. SPL | 113dB |
| Frequency Response | 20Hz~20KHz |
| THD | <0.5% |
| USB Disk / SD Card Player | |
| DVD Player | DVD/MP3/CD |
| Microphone x 2 | |
| Frequency Band | UHF |
| Modulation | FM |
| Antenna | Built-in UHF antenna |
| Transmitter | Handheld or body-pack |
| Audio Amplifier | |
| Power Amplifier | 1x50W(RMS) |
| THD | <0.5% |
| Frequency Response | 20Hz~20KHz |
| Power Supply | AC100~120V / 50 or 60Hz，AC220~240 / 50 Hz or DC12V(Input proper voltage according to the display of actual adaptor) |
| Built-in | AC / DC，DC / DC converter |
| Built-in | 12V(12V，4.5AH)battery |
| DC Connector | External DC12V for recharging (car DC12V can be used for recharging) |
| Mobile | Telescopic handle & wheels |
| Weight | 25 kg |
| Dimension | 424x424x697(mm) |
| Optional Accessory | |
| Stand Bag | 1 |
| Packing（rain & dust proof） | 1 |
| Power Cable | Yes |

>Loudspeaker system（with water proof speaker bag）

>Speaker stand（with stand bag）

# PORTABLE P.A SYSTEM

ME8(DSP+SD+DVD+MP3)

**System features**

Features two chargeable batteries and level energy indicator with built-out DC-12V battery port;

Power amplifier adopts high efficiency CLASS-D with high temperature protection and max output limit function, RMS 50W.

Vehicle DVD, features DVD/USB/SD/ radio & play selection function.

2 way wireless microphone receiver, receiving distance: 20M (wide area)

DSP effecter with16 effects, 8" 8Ω bass speaker, compression tweeter, can realize perfect sound reproduction.

The portable combined speaker is applicable for school teaching and outdoor party etc public locations.

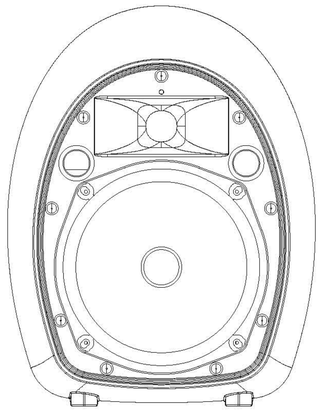
| Model | ME8 |
|---|---|
| Bass | 8",50W, 8Ω |
| Tweeter | 15W,8Ω |
| Max Spl | 113dB |
| Frequency Response | 65Hz~20KHz |
| THD | <0.5% |
| Usb/sd Card Player | |
| DVD | DVD/MP3 |
| Micx2 | |
| Band | Ultra-high frequency |
| Modulator | Frequency modulation |
| Antenna | Built-in ultra-high frequency antenna |
| Deviation | ±40KHz |
| Transmitter | Handheld or body pack microphone |
| Audio Amplifier | |
| Amplifier | 1x50W |
| THD | <0.5% |
| Frequency Response | 20Hz~20KHz |
| Power | 110V/230V |
| Built-in | AC/DC, DC/DC connector |
| Built-in | 12V(12V,4.5AH*2 ) battery external power12V for charging (vehicle 12Vpower for charging)DC12Vfor charging (vehicle 12Vpower for charging) |
| Dc Connector | |
| Built-in | telescoping bar and caster |
| Telescoping Bar And Caster | 16Kg |
| Weight | 290x330x585 (mm) |
| Dimension(WxDxH) | |
| Options | |
| Rack | DB021Bx1 |
| Rack Bag | 1 |
| Cabinet Pack (covering、rain-proof & Dust-proo) | 1 |
| Cable | 1 set |

>Loudspeaker system(with water proof speaker bag)

>Speaker stand(with stand bag)

# PORTABLE P.A SYSTEM

WH06-5U



**Introduction**

Adopts plastic injection moulding with PP material engineering plastic; light weight; special handle bars, is convenient for transiting; professional and peculiar external design; it's a small size sound reinforcement system of high accuracy and high stability.

Application

The product is mainly applicable for market, school, multi-function hall, touring performance and small-size conference etc locations.

**Features**

1 way MIC input, 2 way line input, microphone features reference function;
1 way auxiliary output; 1 way headphone output; when insert headphone, can cut off speaker output;
Adopts DC power supply, built-out DC input function, built-in 12V battery with charging function;
Features MP3 player, playing by inserting USB or SD card;
Features knobs of volume, reverb and sound quality;
Features wireless receiving function, hand-held or collar-pinned microphones are optional.
Features indicators of charging, low voltage, RF receiving and signal level, working status is clear.

**Specification**:

power: 6W 8
distortion: below 0.5%
input sensitivity: MIC: -42 dBV, AUX: -10 dBV

ZH0602E12L
ZH0602D12L ( DSP )

Speakers: 2×FQ012A, 4Ω, 12", 200W
Mixer: ZH62AD, 2×200W(4Ω,8Ω)
Speaker cables ×2
Microphone cable ×1
Microphone ×1

ZH0602E12LS
ZH0602D12LS ( DSP )

Speakers: 2×FQ012A, 4Ω, 12", 200W
Mixer: ZH62AD, 2×200W（4Ω,8Ω）
Speaker cables ×2
Microphone cable ×1
Microphone ×1
Cabinet stands ×2

ZH0602E15L
ZH0602D15L ( DSP )

Speakers: 2×FQ013A, 4Ω, 15", 250W
Mixer: ZH62AD, 2×200W（4Ω,8Ω）
Speaker cables ×2
Microphone cable ×1
Microphone ×1

ZH0602E15LS
ZH0602D15LS ( DSP )

Speakers: 2×FQ013A, 4Ω, 15", 250W
Mixer: ZH62AD, 2×200W（4Ω,8Ω）
Speaker cables ×2
Microphone cable ×1
Microphone ×1

ZH0402E10L
ZH0402D10L ( DSP )

Speakers: 2×FQ011A, 8Ω, 10", 150W
Mixer: AE42BE or AE42BD,
2×100W（4Ω）
Speaker cables ×2
Microphone cable ×1
Microphone ×1
Cabinet stands ×2

ZH0402E10LS
ZH0402D10LS ( DSP )

Speakers: 2×FQ011A, 8Ω, 10", 150W
Mixer: AE42BE or AE42BD ,
2×100W（4Ω）
Speaker cables ×2
Microphone cable ×1
Microphone ×1
Cabinet stands ×2

# P.A SYSTEM

FP208-1

AE62G/GD

FP208-1

## FEATURES:

- Stereo output power 2x100W/8Ω (RMS)
- 2 MIC input (XLR)
- 2 Stereo input
  (1/4" Phone Jack or RCA Jack)
- 2 Band EQ, Mon, Eff, Level, on each channel
- 2x7 Band Graphic equalizer
  (with feedback display)
- Built - in DSP ( 16 programs )
- Output Jack
  Foot / SW, Eff / RET, Monitor, L, R
- TAPE(L/R), REC L/R out

## SPEAKER

- 2-Way (8")
- Power capacity: 100W
- Impedance: 8Ω
- Frequency response: 60Hz-20KHz
- Sensitivity: 95dB
- Maximum SPL: 113dB

## ACCESSORY

- MIXER x 1
- SPEAKERS x 2
- SPEAKER CABLES x 2
- MICROPHONE CABLE x 1
- MICROPHONE x 1
- CABINET STANDS x 3

## MIXER

- Power output: 2×100W/8Ω
- Frequency response:
- 20Hz-20KHz≤1dB
- THD: 20Hz-20KHz≤0.1%
- 2x7 Band Graphic Equalizer (±12dB)
- DSP ( 16 programs )
- Power requirements:
  110V / 60Hz
  230V / 50Hz

Closed complete P.A. System

This is a new PA products a combination of mixer, power amplifier, cabinet, microphone, with a universal power supply. Other features include the car power adaptor for emergency use and outdoors activities and a 16 program DSP ( part of the models) etc.

| Model | ZH0402D10P-1 |
|---|---|
| Output power | 2x150W@4Ω (THD≤4%, RMS) |
| Frequency response | 60Hz~20KHz |
| | 60Hz~20KHz (mixer) |
| Line in | 3 |
| Mic in | 4 |
| EQ | High/ Low |
| Cabinet | 2 way / 4KHz crossover / 150W load power |

**APPLICATIONS**

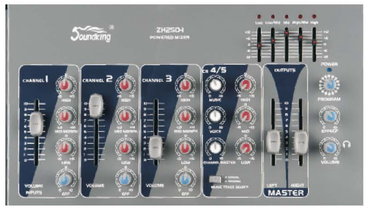
Meeting, show, speech, teaching, etc.

**FEATURES**

- Combination of mixer, power amplifier, cabinet, microphone
  It is convenient, portable and easy to operate
- Universal switching power supply, more than 85% efficiency
- Car power adaptor for emergent use and outdoors activities (new model)
- Elegant& portable aluminum stand; portable plastic case for convenient move
- 16 program DSP (part of the models)
- 5 band EQ

# P.A SYSTEM

ZH25-1/ZH25D-1



Closed Complet System

This series of products are portable PA products combination of mixer, power amplifier, cabinet, microphone. They are portable, convenient and easy to operate.

| | |
|---|---|
| Output power | 2x100W/4Ω (THD≤1%, RMS) |
| S/N ratio | ≥95dB |
| Freq response | 20Hz~20KHz (power AMP)<br>100Hz~20KHz (cabinet) |
| Background noise | ≤-52dB |
| Mic Line in | 3 CH |
| Line in | 3 CH |
| EQ | HI/Mid/Low |
| Cabinet | Two way crossover |
| Bass out | 2×100W |

**APPLICATIONS**

Meeting, show, speech, etc.

**FEATURES**

- Combination of mixer, power amplifier, cabinet, microphone; portable, convenient, easily operated;
- Latest hi-efficient CLASS D amplifier, more than 90% efficiency;
- Universal switch power supply;
- Car power adaptor for emergent use and outdoors activities (new model)
- Elegant& portable aluminum stand; portable plastic case for convenient move
- 16 program DSP (part of models)
- 5 band EQ

# HIGH EFFICIENCY ACTIVE MOBILE COMBINED SPEAKER SYSTEM(A TYPE)

FHE mobile speaker system consists of a pair of dual 12” big power active speakers, a multi-function rack-mount console and a set of 4 channel wireless microphone;
System is economical, stable, convenient and functional. It features small-size performance stage, Karaoke entertainment etc functions.
Be applicable for communities, streets, countryside, armies and units.

FHE212A

FLITE CASE

FHE212A

With equalizer, DSP fx multi-function mixer AS1404GED

System list

| Title | Model | Quantity |
|---|---|---|
| professional dual 12” active speaker (matched cable) | FHE212A | 2 |
| Portable console | AS1404GED | 1 |
| 4channel handheld wireless microphone | EW018/H | 1 |
| Combined mobile cabinet | | 1 |
| Tool box | AJ0401(3U) | 1 |
| Power distributor | JEDK616 | 1 |
| Speaker signal cable | | 2 |
| MIC rack pack | | 2 |
| Speaker rain-proof pack | | 1 |
| MIC clip | DE023 | 2 |
| MIC rack | DD008 | 2 |

4channel handheld wireless microphone

Active speaker Rear Panel

Bottom rollers convenient transportation and movement

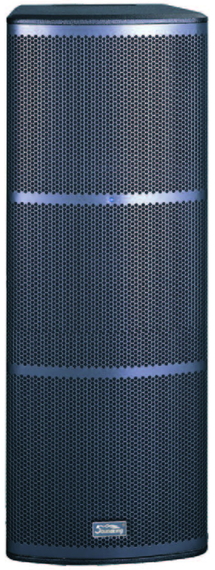
# HIGH EFFICIENCY ACTIVE MOBILE COMBINED SPEAKER SYSTEM(B TYPE)

FHE mobile speaker system consists of a pair of dual 15” big power active speakers, a multi-function rack-mount console and a set of 4 channel wireless microphone;
System is economical, stable, convenient and functional. It features small-size performance stage, Karaoke entertainment etc functions.
Be applicable for communities, streets, countryside, armies and units.

FHE215A

FLITE CASE

FHE215A



With equalizer, DSP fx multi-function mixer
AS1404G

System list

| Title | Model | Quantity |
|---|---|---|
| professional dual 15” active speaker (matched cable) | FHE215A | 2 |
| Portable console | AS1404G | 1 |
| 4channel handheld wireless microphone | EW018/H | 1 |
| Combined mobile cabinet | | 1 |
| Tool box | AJ0401(3U) | 1 |
| Power distributor | JEDK616 | 1 |
| Speaker signal cable | | 2 |
| MIC rack pack | | 2 |
| Speaker rain-proof pack | | 1 |
| MIC clip | DE023 | 2 |
| MIC rack | DD008 | 2 |

4channel handheld wireless microphone

Active speaker Rear Panel

Bottom rollers convenient transportation and movement

# Mobile combined speaker system (PBI type)

PB1

With equalizer, DSP fx multi-function mixer
AS1404G

System list

| Title | Model | Quantity |
|---|---|---|
| 2 way 15” passive speaker | J215 | 2 |
| Professional PA | EA360 | 1 |
| Integral console | AS1404G | 1 |
| Mobile cabinet | | 1 |
| Speaker rack | DB006 | 2 |
| Signal cable | | 4 |
| Tool box | AJ0401(2U) | 1 |
| Wire microphone | EH040 | 2 |
| MIC clip | DE023 | 2 |
| MIC rack | DD089B | 2 |
| Speaker rain-proof pack(optional) | | 2 |
| Speaker rack pack(optional) | | 1 |
| MIC rack pack(optional) | | 1 |

**System features:**
Complete professional speaker compact system, professional system connection modulation with foolproof style operation, even unprofessional people can handle easily.
Dual 15” ultra-low frequency speaker with ultra-bass effect is very powerful;
H class PA line of high performance guarantees very strong power sources; driver of high performance design guarantees the perfect sound quality of speaker;
10U opened-structure aluminum alloy cabinet with built-in PA, console, jumper and power socket, and it also leaves enough space for the installation of CD/ card connector etc signal sources;
Flexible and stable rubber rollers are convenient for transiting;
**Application:**
Be applicable for dancing hall, club, bar, multi-function hall, conference room and small-size party etc sound reinforcement locations.

## Mobile combined speaker system (PB2 type)

System list

| Title | Model | Quantity |
|---|---|---|
| 2 way 12” passive speaker | J212N | 2 |
| Dual 15” ultra-bass speaker | J1215S | 2 |
| Professional 3 channel PA | AA4003 | 1 |
| integral console | AS1404G | 1 |
| mobile cabinet | | 1 |
| tool box | AJ0401(2U) | 1 |
| speaker rack | | 2 |
| signal cable | | 8 |
| wire microphone | EH040 | 2 |
| MIC clip | DE023 | 2 |
| MIC rack | DD089B | 2 |
| Speaker rain-proof pack(optional) | | 4 |
| Speaker rack pack(optional) | | 1 |
| MIC rack pack(optional) | | 1 |

## Mobile combined speaker system (PB3 type)

System list

| Title | Model | Quantity |
|---|---|---|
| 2 way 12” passive speaker | J215 | 2 |
| Dual 15” ultra-bass speaker | J1215S | 2 |
| Professional 3 channel PA | AA4003 | 1 |
| integral console | AS1404G | 1 |
| mobile cabinet | | 1 |
| tool box | AJ0401(2U) | 1 |
| speaker rack | | 2 |
| signal cable | | 8 |
| wire microphone | EH040 | 2 |
| MIC clip | DE023 | 2 |
| MIC rack | DD089B | 2 |
| Speaker rain-proof pack(optional) | | 4 |
| Speaker rack pack(optional) | | 1 |
| MIC rack pack(optional) | | 1 |

# MAX200
## USB SOUND CARD

**General Description**

2.0 USB interface, supporting XP / Vista/MAC OS* system.

- Two input audio channels, two output audio channels.
  - > Two balanced analog inputs（MIC/Line; Neutrik Combo connector
  - > Two balanced analog outputs; TRS 6.3 connector
  - > Two MONO analog outputs ( from bal signal to MONO signal ); RCA connector
  - > Neutrik Combo connector, TRS 6.3 connector, RCA connector
  - > Input and output can be mixed into headphone output
- Max 96KHz / 24bit sample rating
- +48V phantom power
- Real time monitoring
- Power LED indication
- Support MIC input, pre-gain adjustable

* The max sample rating of MAC OS system is 48KHz / 24bit

- THD+N: 0.08%
- Frequency Response (Fs=48 KHz): 20 Hz~20 KHz (±1dB)
- S/N Ratio (A - weighting): >95dB
- Input impedance: >7.5K Ohms
- Output impedance: 120 Ohms
- Input / output connector: balanced
- Sample rating: max 96 Khz
- Sample bit: 24-bit
- Power supply: DC 5V

**2.0 USB interface, supporting XP / Vista/MAC OS* system.**

# GUITAR AMPLIFIER

# GUITAR AMPLIFIER

The COMBOX series Guitar Amplifier released by Soundking features 4 type of amps, which are based on famous amps / pedals: TS-DRIVE, BRITISH STACK, CALIFORNIA and MUFF;

It is possible to expand AMP MODE up to 8 types as Tweed, Crunch, HI-GAIN etc.

Let us know what do you want, we can do more...

COMBOX15
COMBOX30
COMBOX60

SPECIFICATIONS:
COMBOX 15:
15W(RMS) 8 inch guitar speaker

COMBOX 30:
30W(RMS) 10 inch guitar speaker

COMBOX 60:
60W(RMS) 12 inch guitar speaker

JACKS: INPUT,PHONES,FOOT SWITCH, AUX IN,RETURN / SEND,TUNER OUT;
*DSP effects version coming soon...

AMP MODE:
CLEAN,DRIVE, LEAD, METAL, FUZZ;

EQUALIZER:
BASS,MIDDLE,TREBLE;

AMP CONTROL:
GAIN,MASTER, POWER SWITCH;

BI08 BL10 BL12 are latest Soundking transistor bass amplifiers. Based on the bass output signal, they have been elaborately adjusted to reproduce bass tone and meet the requirement of individual play and small band rehearsal.This series is equipped with 8", 10", 12" bass woofers. Pre part are configured with 3 band EQ control, compression control, DSP loop, earphone output, MP3 input and are convenient for individual play.Application: small band rehearsal, recording at home, etc.

BL8

BL10

BL12

BL08/BL10/BL12 BACK

| Model | BL8 | BL10 | BL12 |
|---|---|---|---|
| Input sensitivity | 50mv | 50mv | 50mv |
| Output power | 30W (RMS) | 50W (RMS) | 80W (RMS) |
| Max compre | 9db | 9db | 9db |
| EQ control | ±15db | ±15db | ±15db |
| DSP output level | | 650mV | 650mV |
| MP3 input sensitivity | 650mv (RMS) | 650mv (RMS) | 650mv (RMS) |
| power | 30W(RMS) 8 inch speaker | 50W(RMS) 10 inch speaker | 80W(RMS) 12 inch speaker |
| others | Mp3 input, earphone output | DSP send DSP return, MP3 input, earphone output | DSP send DSP return, MP3 input, earphone output |

# GUITAR AMPLIFIER

Specially designed for the 90's heavy metallic tone, features a wide gain adjustment range, from HI GAIN to the METAL, all under your control.

The tailor-made speaker unit is especially for the metallic tone which reproduced an ideal sound.

GP-15

| | |
|---|---|
| Power | 15W |
| Input | 50W |
| Speaker | 8" |
| Control | VOL channel switch |
| | GAIN BASS MID SWEEP |
| | TERBLE MASTER |
| More | INPUT MP3 IN HEADPHONE |

GP-15R

| | |
|---|---|
| Power | 15W |
| Input | 50mv |
| Speaker | 8" |
| Control | VOL channell switch |
| | GAIN BASS MID SWEEP |
| | TERBLE MASTER REVER |
| More | INPUT MP3 IN HEADPHONE |

Specially designed for the 90's heavy metallic tone, features a wide gain adjustment range, from HI GAIN to the METAL, all under your control.

The tailor-made speaker unit is especially for the metallic tone which reproduced an ideal sound. The real and natural spring reverb and chorus function making your performance even more perfect.

GP-30R

| | |
|---|---|
| Power | 30W |
| Input | 50mv |
| Speaker | 10" |
| Control | VOL channel switch |
| | GAIN BASS MID SWEEP |
| | TERBLE MASTER REVER DEPTH SPEED |
| More | INPUT MP3 IN HEADPHONE |
| Send | RETURN ROUT SWITCH |

GP-60R

| | |
|---|---|
| Power | 60W |
| Input | 50mv |
| Speaker | 12" |
| Control | VOL channel switch |
| | GAIN BASS MID SWEEP |
| | TERBLE MASTER REVER DEPTH SPEED |
| More | INPUT MP3 IN HEADPHONE |
| Send | RETURN ROUT SWITCH |

# ECONOMICAL GUITAR AMPLIFIER

GR40

GR40 REAR

This product is a guitar amplifier with elegant sound, firm box and high cost performance ratio.

**APPLICATION**

Family and stage show

FEATURES

2 speakers, Treble Middle Para Middle Bass control, 16 program DSP and overdrive

| Model | Driver | Output Power | Tone Control | Effect | ModeZ |
|---|---|---|---|---|---|
| GR20 | 2 x 6” | 20W | Treble Middle Para Middle Bass | 16 program DSP | Overdrive/Clean |
| GR40 | 2 x 8” | 40W | Treble Middle Para Middle Bass | 16 program DSP | Overdrive/Clean |
| GR80 | 2 x 10” | 80W | Treble Middle Para Middle Bass | 16 program DSP | Overdrive/Clean |

GT20

Acrylic front panel with fluorescence effect and neat appeal, ideal for jazz guitarist.

**APPLICATION**

Practice and home studio.

**FEATURES**

Acrylic front panel with fluorescence effect, 6 band EQ(250Hz 500Hz 1KHz 2KHz 4KHz 8KHz, tone control, 16 program DSP , external effect.

| Model | Driver | Output Power | Tone Control | Effect | ModeZ |
|---|---|---|---|---|---|
| GT20 | 6” | 20W | 6 band EQ(250Hz 500Hz 1KHz 2KHz 4KHz 8KHz) | 16 program DSP | Overdrive/Clean |
| GT40 | 8” | 40W | 6 band EQ(250Hz 500Hz 1KHz 2KHz 4KHz 8KHz) | 16 program DSP | Overdrive/Clean |
| GT80 | 10” | 80W | 6 band EQ(250Hz 500Hz 1KHz 2KHz 4KHz 8KHz) | 16 program DSP | Overdrive/Clean |

# ROCK PACK

## AK15B

| | |
|---|---|
| Power | 15W |
| Use | Bass |
| Equalization | Treble,Middle,Bass |
| Speaker | 8",4Ω |
| Headphone Jack | es |
| Presence | yes |
| Dimensions(mm) | 380x220x390 |

## AK15G

| | |
|---|---|
| Power | 15W |
| Use | Guitar |
| Equalization | Treble,Middle,Bass |
| Over Driver | yes |
| Speaker | 8",4Ω |
| Headphone Jack | yes |
| Other | line output for speaker |
| Dimensions(mm) | 380x220x390 |

# GUITAR AMPLIFIER

## SG200

| | |
|---|---|
| Power | 20W |
| Input | Guitar |
| Effect | Overdrive |
| Speaker | 8" ( 8Ω)x1 |
| Dimensions | 363x210x340mm |
| External effect | Footswitch |
| Headphone output | yes |
| Configuration | Whole |
| Dimensions(mm) | 380x220x390 |

## SG200R

| | |
|---|---|
| Power | 20W |
| Input | Guitar |
| Effect | Overdrive, Spring reverb |
| Speaker | 8" ( 8Ω) x1 |
| Dimensions | 363x210x340mm |
| External effect | Footswitch |
| Headphone output | yes |
| Configuration | Whole |

## SB200

| | |
|---|---|
| Power | 20W |
| Input | Bass |
| Effect | No |
| Speaker | 8" ( 8Ω)x1 |
| Dimensions | 363x240x363mm |
| External effect | No |
| Headphone output | yes |
| Configuration | Whole |

# GUITAR AMPLIFIER

## SG300

| | |
|---|---|
| Power | 30W |
| Input | Guitar |
| Effect | Overdrive |
| Speaker | 8" ( 8Ω)x1 |
| Dimensions | 363x210x400mm |
| External effect | Footswitch |
| Headphoneoutput | yes |
| Configuration | Whole |

## SG300R

| | |
|---|---|
| Power | 30W |
| Input | Guitar |
| Effect | Overdrive, Spring reverb |
| Speaker | 8" ( 8Ω) x1 |
| Dimensions | 363x210x400mm |
| External effect | Footswitch |
| Headphoneoutput | yes |
| Configuration | Whole |

## SB300

| | |
|---|---|
| Power | 30W |
| Input | Bass |
| Effect | No |
| Speaker | 8" ( 8Ω)x1 |
| Dimensions | 363x240x428mm |
| External effect | No |
| Headphoneoutput | yes |
| Configuration | Whole |

## AK60G

| | |
|---|---|
| Output Power | 60W |
| Use | Guitar |
| Equalization | Treble,Middle,Bass |
| Clean and Overdriver Channel | With |
| Speaker | 12",4Ω Twin Cone |
| Channel | CD Input |
| Headphone Jack | With |
| External Effect | Line in,Line out, Foot Switch |
| Dimensions(mm) | 530(W)×300(D)×510(H) |

Features
- Medium Cabinet
- Advanced Circuit
- Overdriver Timbre Fascinating
- Fine Wares at Low Price

## AK60GR

| | |
|---|---|
| Output Power | 60W |
| Use | Guitar |
| Equalization | Treble,Middle,Bass |
| Clean and Overdriver Channel | With |
| Speaker | 12",4Ω Twin Cone |
| Channel | CD Input |
| Headphone Jack | With |
| External Effect | Line in,Line out, Foot Switch |
| Dimensions(mm) | 530(W)×300(D)×510(H) |

Features
- Medium Cabinet
- Advanced Circuit
- Over Driver Timbre Fascinating
- Fine Wares at Low Price

## AK60GB

| | |
|---|---|
| Output Power | 60W |
| Use | Bass |
| Equalization | Treble,Middle,Bass |
| Speaker | 12",4Ω |
| Channel | CD Input |
| Headphone Jack | With |
| Dimensions(mm): | 530(W)×300(D)×510(H) |

Features
- Medium Cabinet
- Output Cabinet
- Advanced Circuit
- Fine Bass Effect
- Fine Wares at Low Price

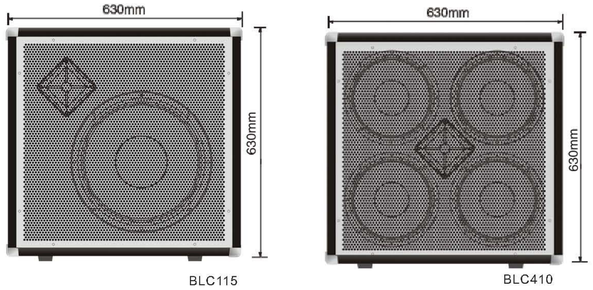
# GUITAR AMPLIFIER

Introduction
High-power, professional bass amplifier.

Features
9 section graphic equalizer provides a balanced and varied tone, to meet different performance style requirements.
Active and passive input interfaces for different bass circuit design;
Multi-output interface to meet different output requirements.

Application
Big stage show.

350w 4Ω / 500w 4v;
-15dB / 0dB input;
3 section equalizer;
9 section graphic equalizer;
Mute shift;
Effet return;
Balanced output;
Power output.



BLC115/BLC410

Professional Electric Bass Speaker

Introduction
Professional passive electric bass speaker.

Features
Professional bass speaker and high-performance treble driver;
Solid metal panel, and firm cabinet

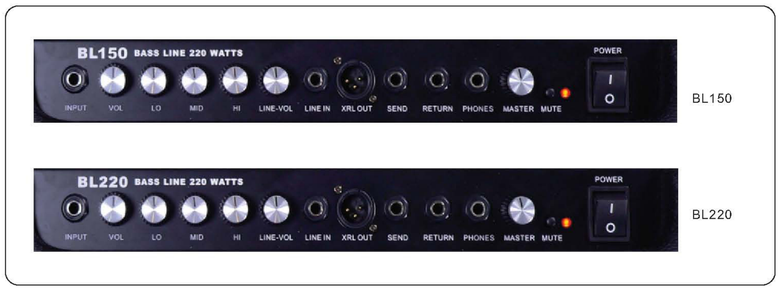
Application
Big stage show.

BLC115/BLC410

1x15"bass unit(300W / 8Ohm)
4x10 "bass unit(400W / 8Ohm)
1x1.5"treble horn
Sensitivity: 96dB
Freq. Range: 40Hz-7K
6.35 Mono input
6.35 Mono output
630x630x470(mm)

# BASS SPEAKER

BL150/BL220




Professional Electric Bass Speaker

**Introduction**
Professional passive electric bass speaker.

**Features**
Professional bass speaker and high-performance treble driver;
Solid metal panel, and firm cabinet
Multiinterface to meet performance and exercise requirements

**Application**
Big stage show.

| Model | BL150 | BL220 |
|---|---|---|
| Input sensitivity | 65mV | 65mV |
| Output power | 150W(RMS) | 220W(RMS) |
| EQ control | ±15dB | ±15dB |
| DSP output level | 1.5V | 1.5V |
| XLR output level | 700mV(RMS) | 700mV(RMS) |
| Power | 150W(RMS) | 220W(RMS) |
| Others | 1x15 inch speaker<br>1x1.5 inch horn<br>earpone output<br>mute line input | 2x10 inch speaker<br>1x1.5 inch horn<br>earpone output<br>mute line input |

# GUITAR DI BOX

Front Panel

Rear Panel

## AM401

| Freq Response | 30Hz-20KHz |
|---|---|
| Noise Level | <-105dBU |
| THD+N@1KHz/0dB | <0.005% |
| Input Impedance | 1MΩ |
| Load Impedance | >600Ω |
| Inputs | XLR & 1/4" Jack unbalanced |
| Link out | 1/4" Jack unbalanced |
| Output | XLR balanced |
| Maximum Input Level | 0/+20dB |
| Power supply | 20~48V |
| Battery | 9V blockcell 6LR91 |
| Dimensions | 145x125x59(mm) |
| Weight | 700g |

Front Panel

Rear Panel

## AM402

| Freq Response | 10Hz-30KHz |
|---|---|
| Load Impedance | >600 Ω |
| Inputs | 1/4" Jack unbalanced |
| Link out | 1/4" Jack unbalanced |
| Output | XLR balanced |
| Maximum Input Level | +10/+50dB |
| Dimensions | 100x130x40(mm) |
| Weight | 350g |

Front Panel

Rear Panel

## AM403

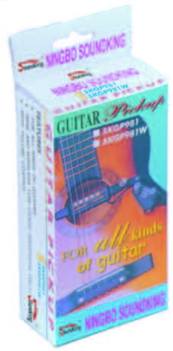
| Freq Response | 10Hz-30KHz |
|---|---|
| Load Impedance | >600 Ω |
| Instrument Input | 1/4"Jack unbalanced |
| Speaker Input | Two 1/4"Jack unbalanced |
| Link out | 1/4"Jack unbalanced |
| Output | XLR balanced |
| Maximum Input Level | <20dB (INSTRUMENT)<br><40dB (speaker) |
| Dimensions | 130x120x35(mm) |
| Weight | 700g |

Front Panel

Rear Panel

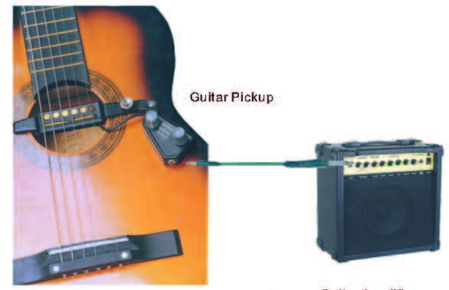
## AM404

| Freq Response | 30Hz-20KHz |
|---|---|
| Noise Level | <-105dBU |
| THD+N@1KHz/0dB | <0.005% |
| Input Impedance | At 0dB: 1MΩ |
| Load Impedance | >600 Ω |
| Inputs | 1/4" Jack unbalanced |
| Link out | 1/4" Jack unbalanced |
| Output | XLR balanced |
| Maximum Input Level | 0/+9dB |
| Power supply | 20V DC TO 48V DC |
| Battery | 9V blockcell 6LR91 |
| Dimensions | 157x84x55(mm) |
| Weight | 507g |



Guitar Pickup Package

Demonstration



Guitar Pickup

Guitar Amplifier

AM406 PRE-AMP DI case
The AM406 pre-Amp DI case, Built-in pre-Amp, Triple-tone, "Notch" filter, "shape" response, Guitar input, Parallel input. EFX LOOP. XLR output Lineoutput. etc.. Variety function. When set-up different power Amplifier. It can be used for Guitar or Bass powerful reinforcement system.

| Tone control | Bass±13dB (100KHz) |
|---|---|
| | Mid ±9dB (1KHz) |
| | Trable±13dB (10KHz) |
| Shape Response | Low +10dB (100Hz) |
| | High +7.5dB (10KHz) |
| Notch filter | |
| Notch frequency | 100Hz-350Hz (Adjustable) |
| | Notch depth (-8dB) |
| Gain | Guitar in –line out +28dB |
| | Guitar in –XLR out (bal) +17dB |
| Max output level | Line out (unbal) +6dB (0dB=1v) |
| | XLR out (bal) -10dB (0dB=1v) |
| Peak level | +2dB (0dB=1v) |
| Power supply | Layer built cell 9v |

Rear Panel

# WAH-WAH PEDAL

## AM101

This is the original, wah-wah pedal used to create the vintage sounds of rock and roll.

**Features**: Heavy die cast construction for years of reliability 100K Ohms potentiometer. That allows for that quick, abrupt wah sound. 9 volt DC coax plug or 9 volt battery required.

**Dimensions(WxDxH)**: 250x100x70 mm
Weight: 1.9 kg

## AM102

This is the original, wah-wah pedal used to create the vintage sounds of rock and roll.

**Features**: Heavy die cast construction for years of reliability 100K Ohms potentiometer. That allows for that quick, abrupt wah sound. 9 volt DC coax plug or 9 volt battery required.

**Dimensions(WxDxH)**: 250x100x70 mm
Weight: 1.9 kg

## AM103

WEEPER is a combined WAH-WAH very similar to the original Cry Baby and a mono VOLUME guitar pedal (excludes effects when used as volume) with a 100K linear potentiometer. When Wah-Wah is switched off this dual function pedal becomes a volume controller.
**Power**: 9V battery AC/CD
adapter (9-12V) (not included)
**Dimensions**: 3-3/8"(W) x 7-7/8"(D) x 2 - 1/8" (H)

# FOOT SWITCH AND PEDALS

## AL307

**Single in & out VOL control**: the volume of the signal from the 1/4" TRS JACK "+"to the 1/4" TRS JACK "-" is controlled via the adjustment to the 100KA potentiometer; the controlling direction can be changed by the K switch.

## AL303

**Single in & out VOL control**: the volume of the signal from the INPUT JACK to the OUTPUT JACK is controlled via the adjustment to the 100KA potentiometer.

## AL304

**Double in & out VOL control**: the volume of the signal from the two INPUT JACK is controlled via the adjustment to the twin B100K potentiometer and the lateral fine manual twin B100K potentiometer.

## AL305

**Double in & out VOL control**: the volume of the signal from the two INPUT JACK is controlled via the adjustment to the twin B20K potentiometer and the lateral fine manual twin B100K potentiometer.

# FOOT SWITCH AND PADELS

AL308

Audio controller: control the connection between the 1/4" TRS JACK "+" and the GND, with the lateral togging switch to set the original state(connection between the 1/4" TRS JACK "+" and the GND)

AL309

Audio controller: control the connection between the 1/4" TRS JACK "+" and the GND, with the locking function. LED indicator (it lit when break) and the built-in battery

AL301W/B AL201W/B

Audio controller: control the connection between the 1/4" TRS JACK "+" and the GND, with the locking function. LED show the break between the 1/4" TRS JACK "+"and GND, the active connection for the 1/4" TRS JACK "+"and GND can be showed if no flash.( cables included)

AL302W/B AL202W/B

Audio controller: control the connection between the 1/4" TRS JACK "+" and "_" the GND, with the locking function. LED 1 shows the break between the 1/4" TRS JACK "+"and GND, while the LED 2 for the open of the 1/4" TRS JACK "-"and GND. the active connection can be showed if no flash.( cables included)

# WIRELESS MICROPHONE WITH DVD

**RECEIVERS**
**FEATURES:**
1. UHF wireless system, quartz locked frequency for stability and anti-interference to Prevent frequency drifts.
2. Highly transmission, low noise, wide dynamic and frequency response.
3. USB & SD input interface, MP3/MP4/DVD/VCD identified automatically.
4. Two handheld / headset / lavaliere / gooseneck microphone for your different requests.
5. AC power supply.
6.Built-in hd DVD system
7.5.1 surround output channels, electronic shockproof memory broadcast
8.Rich audio interface and output interface (SD card/usb/hdmi/fiber interface)

**TRANSMITTER**
**FEATURES:**
1. UHF wireless system, quartz locked frequency for stability and anti-interference to Prevent frequency drift.
2. Receiving module with mute control circuit to prevent from noise interference.
3. Highly transmission, low noise, wide dynamic and frequency response.
4. The transmitter has impact-noise elimination circuit to prevent the switch-noise.
5. It can be used with various types of wireless receivers.
6. Two 1.5V battery power supply.

| Specification: | |
|---|---|
| Freq. Band | UHF 760-900MHz |
| RF Stability | ±0.005%/25℃ |
| Freq. Response | 200Hz-15KHz |
| Sensitivity | -95 dB ±2 dB |
| Distortion | <1.0% AT 70dB |
| SN ration | >80dB |
| Audio Output | 0---2.0V |
| Power Supply | AC110V or AC220V |
| Dimension | 480×220×4(mm) |

| Specification: | |
|---|---|
| Freq. Band | UHF 760-900MHz |
| Power | >1.5mW |
| RF Stability | ±0.005%/25℃ |
| Distance | ≥80M |
| Freq. Response | 50-15000Hz |
| Power Supply | 3V |

EW58R/TSL

# FOUR CHANNEL MIC

EW018/H Hand-held wireless microphone

EW018/SL Waistband collar clip wireless microphone

EW018/H professional 4 channel UHF wireless handheld transmitter / receiver adopt tone key frequency to prevent from interference, quartz locked frequency for stability and anti-interference, condenser MIC for excellent frequency response.
Application: suitable for concert, KTV, teaching, etc;

| Model | EW018/H |
|---|---|
| | EW018/S |
| Freq band | 790~870MHz |
| Freq stability | ±0.005% |
| Freq response | 50Hz-18KHz |
| Sensitivity | >-95 dBm |
| Distortion | <0.8% at -90dBm |
| S/N ratio | >90dB |
| RF power | >10mW |
| Power supply | AC or DC power supply |

EW018/SH Wearing a wireless microphone Waistband

EW018/S professional 4 channel UHF wireless bodypack transmitter / receiver adopt tone key frequency to prevent from interference, quartz locked frequency for stability and anti-interference, and meet international standard. EW018/S series is divided into EW018/SL lavalier MIC, EW018/SG guitar MIC, EW018/SH headset MIC.
Application: suitable for concert, KTV, teaching, etc;

# MICROPHONE

EW26R/EW26T is a professional UHF wireless system with PLL technology and multi-channel. It can switch frequencies quickly. Mono-channel with receiver . This system can be equipped with antenna amplifier for long distance receiving/transmitting. Features include, e.g. high anti-interference, excellent frequency response, clear sound, the manufacturing has reached international standard, etc.

**APPLICATION**
For the application in professional stage show, home, KTV, etc.

EW26R/EW26TH handheld MIC

# MICROPHONE

EW26R/EW26TSL bodypack MIC

**MIC operation :**
> Open the tail tube. Put two batteries in and then fasten the tail tube. > Turn on the power switch. Red LED flashes once. LCD displays preset group and channel.
> Switch group and channel, and set the transmitter. Press SET. Group begins to flash. Use UP and DOWN to select group. Press SET to select the wanted. The group begins to flash. Use UP and DOWN to select channel. Use SET to select the wanted channel. Channel stops flashing. The new group and channel have been set.
> Lock and unlock: press UP and DOWN simultaneously for 2 seconds. It has been locked. And also it displays LOCK. To activate the key functions, press UP and DOWN simultaneously for 2 seconds. It displays UNLOCK. This function is very useful to prevent from misoperation and the operation by unauthorized person.
> When the voltage is insufficient, the red LED lights up. Please change batteries immediately.

EW26R-2/EW26TH handheld MIC

**Two receivers**
>Unscrew the screws on the top and bottom. Make the receivers closer.
>Put a fixing piece on. Use the screws on the top and bottom to make the receivers in a line.
>Fasten the fixing rack beside the two receivers.

**FEATURES**
- Multi-frequency, ½ enclosure, UHF PLL transmitter/receiver;
- Frequency band 799—821MHz 99 channel for option;
- Auto-scan for best frequency;
- LCD displaying menu, operation status, AF/RF signal lelve voltage;
- Dual modulation with True-Diversity to improve stability and prevent from uncontinuous frequency;
- 0-9 (10 totally) detents Squelch Rejection adjustment;
- Pilot tone & Noise Lock circuit to prevent from stand-by noise and strong noise interference);
- Oscillation mode: PLL frequency;
- Frequency width 22MHz.

EW26R-2/TSL Lavalier MIC

| Model | EW26R/EW26T |
|---|---|
| Freq band | 799-821MHz |
| Freq width | 22MHz |
| RF power | 10mW |
| Max deviation | ±68KHz automatic volume control |
| Battery | 2x1.5V AA 3V power supply |
| RF stability | ±0.005% (-10~+50) |
| Freq response | 50Hz-18KHz |
| Max output voltage | 2BAL MIC-LEVEL -18dBm/100Ω XLR BAL connector<br>UNBAL LEVEL-LEVEL -2dBm/5KΩ 6.3Φ UNBAL connector |

EW29R/TH

EW29R/TSL

**EW29R/EW29T** is a professional UHF wireless system. It adopts professional automatic diversity mode to avoid dead point and uncontinuous signal. The receiver is the one with mono channel dual modulation. This system can be equipped with antenna amplifier for long distance receiving and transmitting. Other features include, high anti-interference, excellent frequency response, extraordinary sound clarity, the manufacturing has reached international standard.

**APPLICATION**
Professional stage show, home, KTV, etc.

**FEATURES**
- International EIA standard ½ enclosure 1U rack; True-diversity dual modulation, automatic diversity mode
- To avoid dead point and uncontinuous signal
- Receiving module with quartz locked frequency to prevent from noise interference and improve frequency stability.
- EW29T is handheld microphone. It has dynamic and condenser diaphragm foroption,
- Long distance transmittion, without uncontinuous signal and noise,convenient to operate
- FCC,CE certificated.

| Model | Fre band | Freq stability | Freq response | Sensitivity | Distortion | SN ratio | RF power | Power supply |
|---|---|---|---|---|---|---|---|---|
| EW29R/EW29T | 790-870MHz | ±0.005% | 50Hz-18KHz | >-99 dBm | <0.5% at -90dBm | >90dB | >10mW | DC |

EW32 is a professional UHF wireless system. It's dual receiver; with pll synthe sized technology;the system can offer up to dual 16 selectable frequencies for choosing simultaneously;Built-in Noise squelch circuity and mute function are available to restrain the interference for signals.

**APPLICATION**
Stage, home, KTV show.

EW32R/TH Hand-held wireless microphone

# MICROPHONE

EW32R/TSL Waistand collar-clip microphone

**FEATURES**

- International EIA standard 19" 1U rack;
- PLL frequency, 16 channels switched at random without interference for convenient operation;
- EW32T is handheld microphone. It has dynamic and condenser diaphragm for option;
- Long distance transmittion, without uncontinuous signal and noise, convenient to operate;
- FCC,CE certificated.

| | |
|---|---|
| **Fre band** | **790~814MHz; 840~864MHz** |
| Freq stability | ±0.005% |
| Freq response | 50Hz ~ 18KHz |
| Sensitivity | >-99dBm |
| Distortion | <0.5% at -90dBm |
| S/N ratio | >90dB |
| RF power | >15mW |
| Power supply | DC Power |

EW001/SL
Lavalier wireless MIC

EW001/SG
Guitar wireless MIC

EW001/SH
Headset wireless MIC

EW001/H Handheld wireless MIC

**APPLICATION**

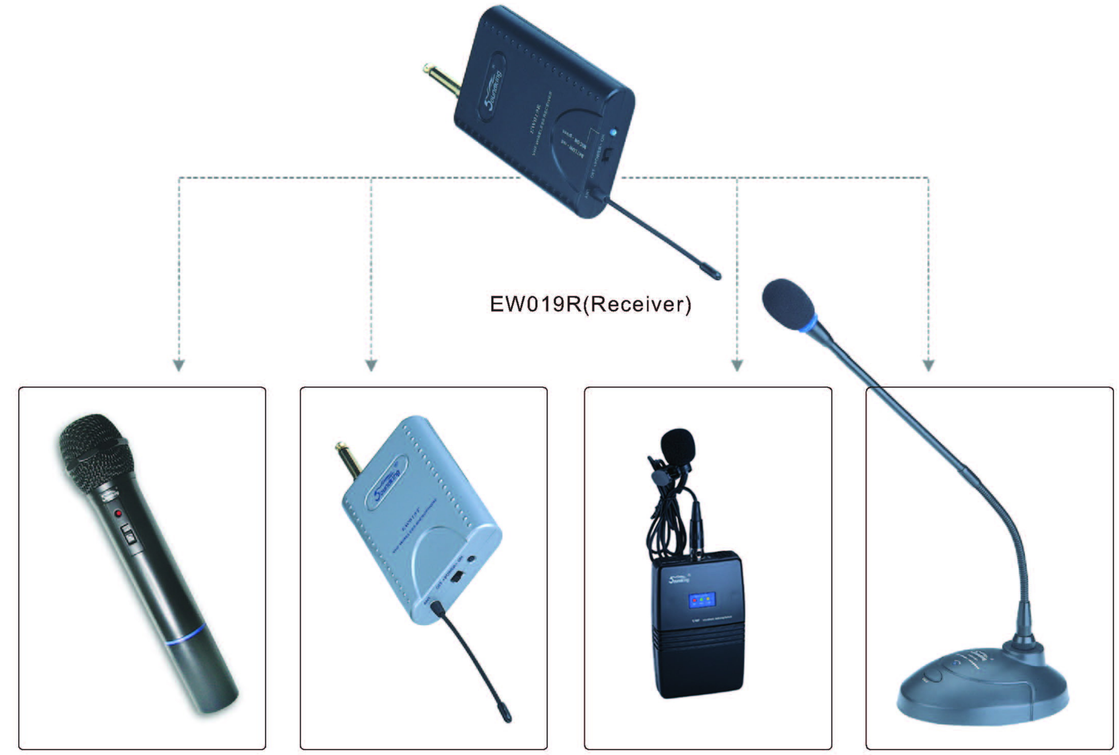
Home, KTV, teaching, small concert, etc

**FEATURES**

- Portable UHF wireless transmitter/receiver
- 780-870MHZ frequency for the applications in any region
- Mono automatic diversity, strong anti-interference, without uncontinuous signal, high sensitivity
- Quartz locked, high stability
- TONE-KEY mute control circuit preventing from external signal interference
- Power-on delay to prevent from power-on noise
- Handheld/body-pack transmitter

# VHF HEADSET SERIES WIRELESS MICROPHONE

EW019R/EW019H/EW201S/EW019D/EW019T



EW019R(Receiver)

EW019H(Transmitter) EW019T(Transmitter) EW201S(Transmitter) EW019D(Transmitter)

EW019R MINI mono channel plug-in VHF wireless receiving system. It uses battery for power supply, and can be plugged-in mixer, EQ. system, power amplifier directly without the need of connection. It is really convenient and portable to use.

**APPLICATION**

School, church, meeting, exhibition, guiding system.

**FEATURES**

- Receiving module with quartz locked frequency to prevent from noise interference and improve frequency stability;
- EW019D gooseneck microphone, EW019H handheld microphone,
  EW201S bodypack microphone can be equipped,
  EW019T plug-in mini transmitter can transmit the audio signal of mixer, EQ, VCD, CD, DVD to power amplifier or PA system directly;
- Low voltage detection;
- FCC,CE certificated.

| Model | Freq band | Freq stability | Freq response | Sensitivity | Distortion | SN ratio | RF power | Power supply |
|---|---|---|---|---|---|---|---|---|
| EW019R/EW019H EW201S/EW019D EW019T | 170-260MHz | ±0.005% | 50Hz-18KHz | >-80 dBm | <0.8% at -70dBm | >70dB | >10mW | DC |

# MICROPHONE

EW021R/EW019H/EW201S/EW019D/EW019T

EW021R(Receiver)

EW019H(Transmitter) EW019T(Transmitter) EW201S(Transmitter) EW019D(Transmitter)

EW021R MINI mono channel earphone VHF wireless receiving system. One transmitter operates with multi receiver( EW021R). This system adopts battery as power supply and can be packed on waist or in pocket. Earphone is used as a receiver, very convenient and portable.

**APPLICATION**

Professional stage show, home, KTV, etc.

**FEATURES**

- Receiving module with quartz locked frequency to prevent from noise interference and improve frequency stability;
- EW019H handheld transmitter, desktop EW019D gooseneck microphone for meeting and teaching, etc;
- EW201S bodypack transmitter for meeting, teaching, KTV, outdoors party, guiding system, etc;
- EW019T plug-in mini-transmitter to transmit audio signal of mixer, EQ,VCD,CD,DVD to EW021R receiver;
- FCC,CE certificated.

| Model | Freq band | Freq stability | Freq response | Sensitivity | Distortion | SN ratio | RF power | Power supply |
|---|---|---|---|---|---|---|---|---|
| EW021R/EW019H EW201S/EW019D EW019T | 170-260MHz | ±0.005% | 50Hz-18KHz | >-80 dBm | <0.8% at -70dBm | >70dB | >10mW | DC |

**GENERAL DESCRIPTION**

Vacuum Tube Condenser Microphone using a selected low noise tube has low inherent noise and broad dynamic range. Its timbre is excellent and reproduced sound is distinct, mellow, rich and fine. It is an ideal sound picking up device which ensures high quality sound reproduction.

**STANDARD ACCESSORIES**

- Foam windscreen
- Elastic suspension (Ee208)
- Connecting Cord
- Power supply
- Aluminum Carrying Case

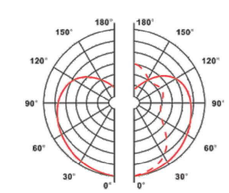
EA009B/W

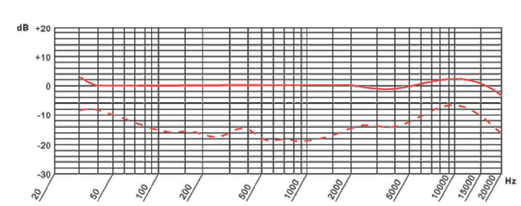
indicator light

EA008B/W

| | |
|---|---|
| Type: | Condenser Pressure Gradient Microphone With One Inch Dual Diaphragm And Valve Pre-Amplifer |
| Poar Pattern: | Omni,Cardioed,Figure 8 And 6 Intermediate Stages. |
| Sensitivity: | 22.4mv/Pa=-33dB(0dB=1v/Pa) |
| Frequency Range: | 20-20000Hz |
| Impedance: | 200Ω±30%(at 1KHz) |
| Recommended Load | 120Hz—6dB |
| Max: SPL For 1%THD | Impedance: ⩾1000Ω |
| Equivalent Noise Level: | @1000Hz 141dB<br>IEC 268-4 (A-Weighted)<br>16dB-A |
| S/N Ratio Re 1 pa: | 78dB |
| Power Requirement: | Dedicated Power Supply |
| Connector: | 7-Pin XLR |
| Size: | Φ55x190mm |
| Weight: | 600g |

FREQENCY RESPONSE CURVE AND POLAR PATTERN



# MICROPHONE

EB011B/W EB012B/W EB013B/W

## GENERAL DESCRIPTION

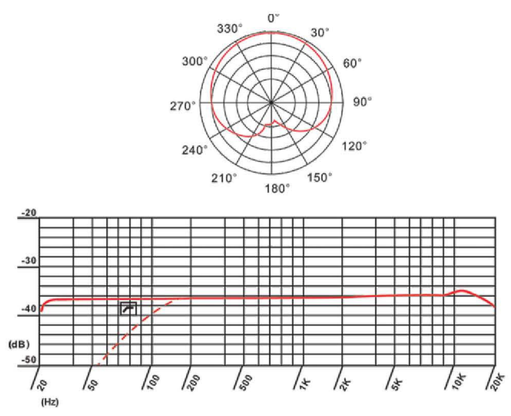
The EB011/012/013 FET Condenser Microphone has following features:

- Molded frame structure.
- Transformerless output circuit.
- Extremely low self-noise.
- Wide dynamic range.
- Used for studio recording or live sound productions.

## STANDARD ACCESSORIES

- Foam windscreen
- Connecting Cord
- Aluminum Carrying Case
- Elastic suspension
- Power supply

FREQENCY RESPONSE CURVE AND POLAR PATTERN




| | |
|---|---|
| Type: | Pressure Gradient Transducer |
| Poar Pattern: | Cardioid—EB011B/W |
| | Cardioid/Omni—EB012B/W |
| | Cardioid/Omni/Figure 8—EB013B/W |
| Sensitivity: | -36dB±2dB(0dB=1V/Pa at 1KHz) |
| | ATT:-10dB |
| Frequency Range: | 20Hz~20KHz |
| Impedance: | 100Ω ±30%(at 1KHz) |
| Low cut: | 100Hz-6dB |
| Recommended Load | ⩾1000Ω |
| Max: SPL For 1%THD | @1000Hz 141dB |
| Equivalent Noise Level: | 16dB A(IEC 268-4 A-Weighted) |
| S/N Ratio Re 1 pa: | 78dB |
| Power Requirement: | +48V Phantom Power |
| Connector: | 3-Pin XLR |
| Size: | Φ53x186mm |
| Weight: | 560g |

EB018B/W

## GENERAL DESCRIPTION

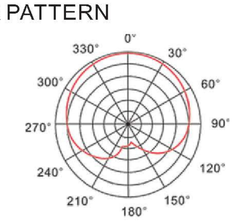
The EB018 FET condenser microphone is designed for applications in the studio and home recording. The very natural sound is accurately reproduced due to the EB018's linear frequency respnse. It is suitable for very high SPLS; without pre-attenuation up to 145 dB .

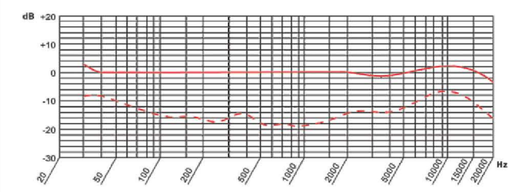
It also can be powered from all microphone inputs supplying a phantom power between 12 and 48 volts.

## STANDARD ACCESSORIES

- Foam windscreen
- Elastic suspension (Ee207)
- Connecting Cord

FREQENCY RESPONSE CURVE AND POLAR PATTERN




| | |
|---|---|
| Type: | Pressure Gradient Transducer |
| Poar Pattern: | Cardioid |
| Sensitivity: | -38dB±2dB(0dB=1V/Pa at 1KHz) |
| Frequency Range: | 20Hz~20KHz |
| Impedance: | 80Ω ±30%(at 1KHz) |
| Recommended Load | ⩾1000Ω |
| Max: SPL For 1%THD | @1000Hz 145dB |
| Equivalent Noise Level: | 16dB A |
| S/N Ratio Re 1 pa: | 78dB |
| Power Requirement: | +48V Phantom Power |
| Connector: | 3-Pin XLR |
| Size: | Φ53x149mm |
| Weight: | 380g |

# MICROPHONE

**GENERAL DESCRIPTION**

Vacuum Tube Condenser Microphone using a selected low noise tube has low inherent noise and broad dynamic range. Its timbre is excellent and reproduced sound is distinct, mellow, rich and fine. it is an ideal sound picking up device which can be used to ensure high quality sound reproduction.

**STANDARD ACCESSORIES**

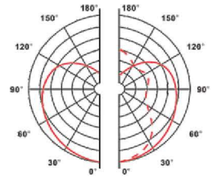
- Foam windscreen
- Elastic suspension (EE203)
- Connecting Cord
- Power supply
- Aluminum Carrying Case

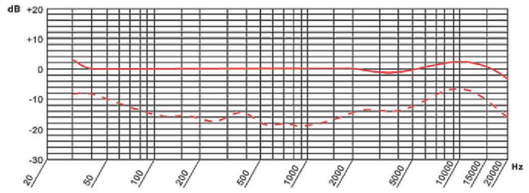
EA007B/W

EA006B/W

| | |
|---|---|
| Type: | Condenser Pressure Gradient Microphone With One Inch Dual Diaphragm And Valve Pre-Amplifer |
| Poar Pattern: | Omni,Cardioed,Figure 8 And 6 Intermediate Stages. |
| Sensitivity: | 22.4mv/Pa=-33dB(0dB=1v/Pa) |
| Frequency Range: | 20-20000Hz |
| Impedance: | 200Ω ±30%(at 1KHz) |
| Recommended Load | Impedance: ⩾1000Ω |
| Max: SPL For 1%THD | @1000Hz 141dB |
| Equivalent Noise Level: | IEC 268-4 (A-Weighted) 16dB-A |
| S/N Ratio Re 1 pa: | 78dB |
| Power Requirement: | Dedicated Power Supply |
| Connector: | 7-Pin XLR |
| Size: | Φ53x186mm |
| Weight: | 560g |

FREQENCY RESPONSE CURVE AND POLAR PATTERN





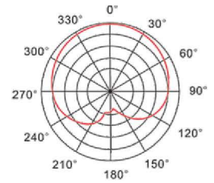
EB015B/W EB016B/W EB017B/W

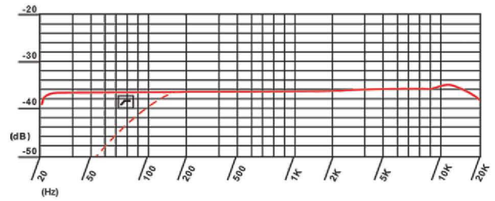
EB016B/W

EB017B/W

| | |
|---|---|
| Type: | Pressure Gradient Transducer |
| Poar Pattern: | Cardioid—EB015B/W<br>Cardioid/Omni—EB016B/W<br>Cardioid/Omni/Figure 8—EB017B/W |
| Sensitivity: | -36dB±2dB(0dB=1v/Pa at 1KHz)<br>ATT:-10dB |
| Frequency Range: | 20Hz~20KHz |
| Impedance: | 100Ω ±30%(at 1KHz) |
| Low out: | 100Hz-6dB |
| Recommended Load | ⩾1000Ω |
| Max: SPL For 1%THD | @1000Hz 139dB |
| Equivalent Noise Level: | 16dB A(IEC 268-4 A-Weighted) |
| S/N Ratio Re 1 pa: | 78dB |
| Power Requirement: | +48V Phantom Power |
| Connector: | 3-Pin XLR |
| Size: | Φ50.5x190mm |
| Weight: | 560g |

FREQENCY RESPONSE CURVE AND POLAR PATTERN






**GENERAL DESCRIPTION**

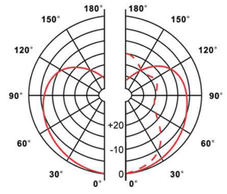
Condenser Microphones may be used for studio recording or live sound productions.

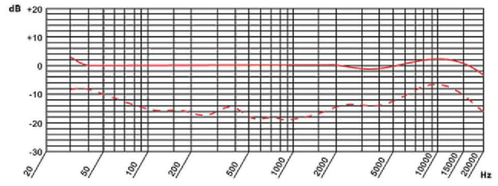
**STANDARD ACCESSORIES**

- Foam windscreen
- Elastic suspension
- Connecting Cord
- Aluminum Carrying Case

EC015B/W

FREQENCY RESPONSE CURVE AND POLAR PATTERN






| | |
|---|---|
| Type: | Condenser Pressure Gradient Microphone with one inch single Diaphragm and FET Pre-Amplifier |
| Poar Pattern: | cardioid |
| Sensitivity: | 12mv/Pa=-38dB(0dB=1v/Pa) |
| Frequency Range: | 20Hz~20KHz |
| Impedance: | 200Ω ±30%(at 1KHz) |
| Recommended Load | ⩾1000Ω |
| Max: SPL For 1%THD | @1000Hz 135dB |
| Equivalent Noise Level: | IEC 268-4(A Weighted)16dB-A |
| S/N Ratio Re 1 pa: | 78dB |
| Power Requirement: | +48V Phantom Power |
| Connector: | 3-Pin XLR |
| Size: | Φ50.5x190mm |
| Weight: | 500g |

# MICROPHONE

EC017B/W

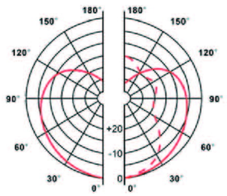
**GENERAL DESCRIPTION**

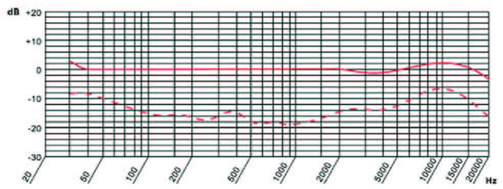
Condenser Microphones may be used for studio recording or live sound productions.

**STANDARD ACCESSORIES**

- Foam windscreen
- Elastic suspension
- Connecting Cord
- Aluminum Carrying Case

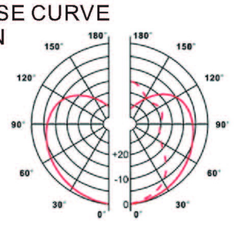
FREQENCY RESPONSE CURVE AND POLAR PATTERN

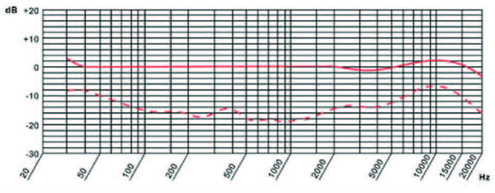




| | |
|---|---|
| Type: | Condenser Pressure Gradient Microphone with one inch single Diaphragm and FET Pre-Amplifier |
| Poar Pattern: | cardioid/Omni |
| Sensitivity: | 12mv/Pa=-38dB(0dB=1v/Pa) |
| Frequency Range: | 20Hz~20KHz |
| Impedance: | 200Ω ±30%(at 1KHz) |
| Low cut: | 100Hz-6dB |
| Recommended Load | ⩾1000Ω |
| Max: SPL For 1%THD | @1000Hz 135dB |
| Equivalent Noise Level: | IEC 268-4(A Weighted)16dB-A |
| S/N Ratio Re 1 pa: | 78dB |
| Power Requirement: | +48V Phantom Power |
| Connector: | 3-Pin XLR |
| Size: | Φ50.5x190mm |
| Weight: | 500g |

FREQENCY RESPONSE CURVE AND POLAR PATTERN





| | |
|---|---|
| Type: | Condenser Pressure Gradient Microphone with one inch single Diaphragm and FET Pre-Amplifier |
| Poar Pattern: | cardioid |
| Sensitivity: | 12mv/Pa=-38dB(0dB=1v/Pa) |
| Frequency Range: | 20Hz~20KHz |
| Impedance: | 200Ω ±30%(at 1KHz) |
| Low cut: | 100Hz-6dB |
| Recommended Load | ⩾1000Ω |
| Max: SPL For 1%THD | @1000Hz 135dB |
| Equivalent Noise Level: | IEC 268-4(A Weighted)16dB-A |
| S/N Ratio Re 1 pa: | 78dB |
| Power Requirement: | +48V Phantom Power |
| Connector: | 3-Pin XLR |
| Size: | Φ50.5x190mm |
| Weight: | 500g |

EC016B/W

**GENERAL DESCRIPTION**

Condenser Microphones may be used for studio recording or live sound productions.

**STANDARD ACCESSORIES**

- Foam windscreen
- Elastic suspension
- Connecting Cord
- Aluminum Carrying Case

EE201B/W
(Elastic Suspension EC series)

EE203B/W
(Elastic Suspension:EB series and EA006/EA007)
EE207B/W
(Elastic Suspension:EB018B/W)

EE301(FET)

EE303(Vacuum Tube)

EE302(FET)

DE073B

DE074B

Shipping package:
42X22X30 cm (50pcs)

DE035

Shipping package:
42X22X30 cm (50pcs)

DE036

DE052

Shipping package:
46x40x28 cm (50pcs)

DE041

DE028

DE059

DE058

# MICROPHONE

DE061B

PACKAGE

EE027("POP"FILTER)

EE031
MIC"POP"FILTER PACKAGE

E07B

1 x ED011 KICK DRUM
2 x ED004 SMALL DRUM
2 x ED005 SMALL DRUM
2 x ED022B CONDENSER MICROPHONES
2 x EE041 FOM WINDSCREENS
2 x DE060 STAND CLAMPS

Illustration of Drum Microphone Kit

E08B

1 x ED011 KICK DRUM
2 x ED004 SMALL DRUM
2 x ED005 SMALL DRUM
3 x ED022B CONDENSER MICROPHONES
3 x EE041 FOM WINDSCREENS
3 x DE060 STAND CLAMPS

Illustration of Drum Microphone Kit

**GENERAL DESCRIPTION**
It is a transformerless output circuit,Condenser Microphones may be used for studio recording, meeting and live sound productions.

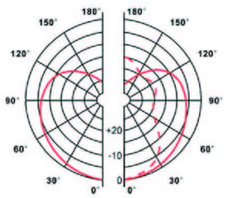
ED001B/W

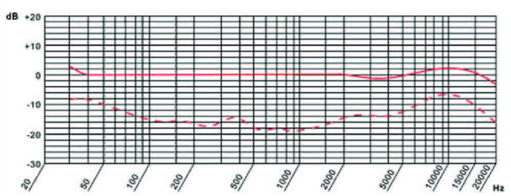
PACKAGE1
Includes:
- Package
- Microphone
- Connecting Card

PACKAGE2
Includes:
- Package
- MIC x MIC Stand(DE061B)
- Connecting Card

| | |
|---|---|
| Type: | Condenser Pressure Gredient Microphone with inch single Diaphragm and FET Pre-Amplifier |
| Poar Pattern: | Uni-directional |
| Sensitivity: | -45dB±3dB(0dB=1V/Pa)ATT:-10dB |
| Frequency Range: | 20Hz~20KHz |
| Impedance: | 100Ω±30%(at 1KHz) |
| Recommended Load | ⩾1000Ω |
| Max: SPL For 1%THD | @1000Hz 145dB |
| Equivalent Noise Level: | IEC 268-4(A Weighted)18 dB-A |
| S/N Ratio Re 1 pa: | 76dB |
| Power Requirement: | +48V Phantiom Power |

FREQENCY RESPONSE CURVE AND POLAR PATTERN



# MICROPHONE

ED022B/W

ED021B/W

ED020B/W

ED019B/W

| Product Type: | ED019 Back Electret condenser | ED020 Back Electret condenser |
|---|---|---|
| Polar Pattern: | Uni-directional | Uni-directional |
| Sensitivity: | -45dB±3dB(0dB=1V/Pa) | -45dB±3dB(0dB=1V/Pa) |
| Frequency Range: | 20Hz---20KHz | 20Hz---20KHz |
| Impedance: | 100 OHMS | 100 OHMS |
| Recommended Load | 1000 OHMS | 1000 OHMS |
| Max.SPL For 1% THD: | @1000Hz 136dB | @1000Hz 136dB |
| Equivalent Noise Level: | IEC 268-4(A Weighted) 20dB-A | IEC 268-4(A Weighted) 20dB-A |
| S/N Ratio Re 1Pa: | 66dB | 66dB |
| Power Requirement: | Phantom Power 9V-52V DC | Phantom Power 9V-52V DC |
| Connector: | 3-Pin XLR | 3-Pin XLR |
| Size: | Φ22X130mm | Φ22X130mm |
| Weight | 72g | 76g |

| Product Type: | ED021 Back Electret condenser | ED022 Back Electret condenser |
|---|---|---|
| Polar Pattern: | Uni-directional | Uni-directional |
| Sensitivity: | -42dB±3dB(0dB=1V/Pa) | -42dB±3dB(0dB=1V/Pa) |
| Frequency Range: | 20Hz---20KHz | 20Hz---20KHz |
| Impedance: | 100 OHMS | 100 OHMS |
| Recommended Load | 1000 OHMS | 1000 OHMS |
| Max.SPL For 1% THD: | @1000Hz 136dB | @1000Hz 136dB |
| Equivalent Noise Level: | IEC 268-4(A Weighted) 20dB-A | IEC 268-4(A Weighted) 20dB-A |
| S/N Ratio Re 1Pa: | 66dB | 66dB |
| Power Requirement: | Phantom Power 9V-52V DC | Phantom Power 9V-52V DC |
| Connector: | 3-Pin XLR | 3-Pin XLR |
| Size: | Φ26X151mm | Φ26X151mm |
| Weight | 104g | 108g |

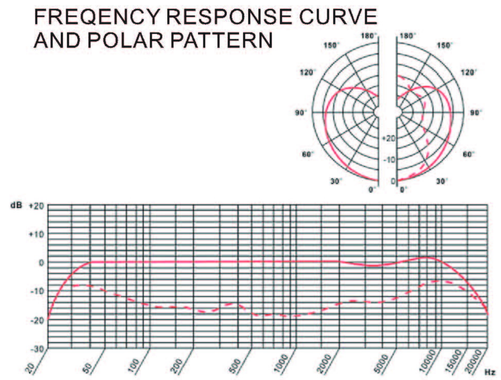
**GENERAL DESCRIPTION**

These series are high quality condenser microphones with smooth, flat frequency responses and cardioid pickup pattern. They provide accurate, uncolored reproduction of sound sources.Each model is designed for a variety of sound reinforcement and recording applications, and is perfect choice for vocal recordings,on stage choir pickups, and acoustic instruments including strings brass, woodwinds and percussions. The cardioid polar pattern focuses on the desired sound source while rejecting unwanted ambient noise and feedback,and ensures a clear separation among individual instruments.

**STANDARD ACCESSORIES**

- Foam windscreen
- Elastic suspension
- Connecting Cord
- Power supply
- Aluminum Carrying Case

FREQENCY RESPONSE CURVE AND POLAR PATTERN

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**STANDARD ACCESSORIES**

- Foam windscreen
- Elastic suspension
- Connecting Cord
- Power supply
- Aluminum Carrying Case

ED023B/W

ED024B/W

# MICROPHONE

| Product | ED023 | ED024 |
|---|---|---|
| Type: | FET Condenser Microphone | FET Condenser Microphone |
| Polar Pattern: | Cardioid | Cardioid |
| Sensitivity: | -36dB±3dB(0dB=1V/Pa) | -36dB±3dB(0dB=1V/Pa) |
| Frequency Range: | 20Hz---20KHz | 20Hz---20KHz |
| Impedance: | 100 OHMS | 100 OHMS |
| Recommended Load | 1000 OHMS | 1000 OHMS |
| Max.SPL For 1% THD: | @1000Hz 148dB | @1000Hz 148dB |
| Equivalent Noise Level: | IEC 268-4(A Weighted) 18dB-A | IEC 268-4(A Weighted) 18dB-A |
| S/N Ratio Re 1Pa: | 76dB | 76dB |
| Power Requirement: | Phantom Power 48V DC | Phantom Power 48V DC |
| Connector: | 3-Pin XLR | 3-Pin XLR |
| Size: | Φ22X130mm | Φ22X130mm |
| Weight | 42g | 46g |

**SPECIFICATIONS**
Element: Moving-coil Dynamic
Polar Pattern: Cardioid
Frequency: 20-10KHz
Sensitivity: -58dB±3dB(1V/Pa)
Output Impedance:
600Ω±30%(at 1KHz)
Material: Zinc die-cast
Body dimensions: 70x127x119mm
Net Weight: 490g (without cable)

ED007 ED011

**SPECIFICATIONS**
Element: Moving-coil Dynamic
Polar Pattern: Cardioid
Frequency: 50-16KHz
Sensitivity: -46dB±3dB(1V/Pa)
Output Impedance:
600Ω±30%(at 1KHz)
Material: Zinc die-cast
Body dimensions: 41x114x86mm
Net Weight: 320g (without cable)

ED004 ED012

E05B
1 x ED011 KICK DRUM
1 x ED004 SMALL DRUM
1 x ED005 SMALL DRUM
2 x ED021B CONDENSER MICHROPHONES
2 x EE041 FOAM WINDSCREENS
2 x DE060 STAND CLAMPS

Illustration of Drum Microphone Kit

**SPECIFICATIONS**
Element: Moving-coil Dynamic
Polar Pattern: Cardioid
Frequency: 50-16KHz
Sensitivity: -46dB±3dB(1V/Pa)
Output Impedance:
600Ω±30%(at 1KHz)
Material: Zinc die-cast
Body dimensions: 51x115x92mm
Net Weight: 330g(without cable)

ED005 ED013

E05W
1 x ED007 KICK DRUM
1 x ED012 SMALL DRUM
1 x ED013 SMALL DRUM
2 x ED017W CONDENSER MICROPHONES
2 x EE041 FOAM WINDSCREENS
2 x DE060 STAND CLAMPS

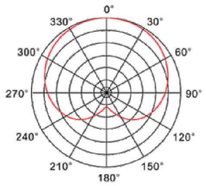
Illustration of Drum Microphone Kit

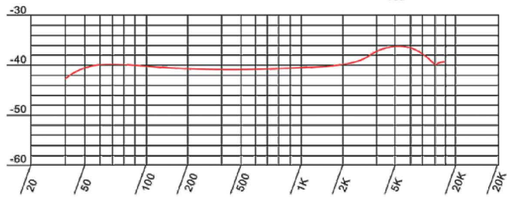
# MICROPHONE

**GENERAL DESCRIPTION**
It is a condenser pressure gradient Microphone with 1" Diaphragm and FET Pre-Amplifier.
Featuring high sensitivity,wide dynamic range and flat smooth frequency response that brings accuracy,detail and warmth is vocal reproduction.

EH201

FREQENCY RESPONSE CURVE
AND POLAR PATTERN




| | |
|---|---|
| Type: | FET condenser microphone |
| Poar Pattern: | cardioid |
| Sensitivity: | -38dB±2dB(0dB=1V/Pa at 1Khz) |
| Frequency Range: | 50Hz~20KHz |
| Impedance: | 100Ω ±30%(at 1KHz) |
| Recommended Load | ⩾1000Ω |
| Max: SPL For 1%THD | 146dB |
| Equivalent Noise Level: | 18 dB -A(A-Weighted) |
| S/N Ratio Re 1 pa: | 76dB |
| Power Requirement: | +48V Phantiom Power |
| Connector: | 3-Pin XLR |

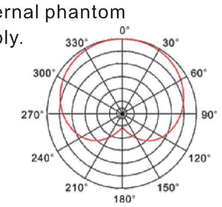
| | |
|---|---|
| Type: | Back electric condenser microphone |
| Poar Pattern: | cardioid |
| Sensitivity: | -47dB±3dB(0dB=1V/Pa at 1Khz) |
| Frequency Range: | 5100Hz~20KHz |
| Impedance: | 100Ω ±30%(at 1KHz) |
| Recommended Load | ⩾1000Ω |
| Max: SPL For 1%THD | 135dB |
| S/N Ratio Re 1 pa: | 66dB |
| Power Requirement: | +48V Phantiom Power(EH203)<br>1PC 1.5V AA battery(EH202) |
| Connector: | 3-Pin XLR |

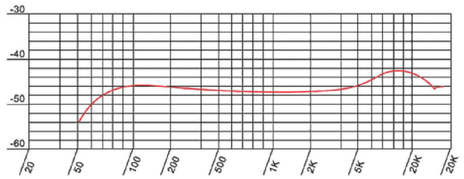
EH202

EH203

**GENERAL DESCRIPTION**
There is premium cardioid condenser microphone capsule equipped.Uniform cardioid pickup pattern isolates the main sound source and minimizes background sound noise.Its precise polar pattern. Features high sensitivity, wide dynamic range and smooth frepuency response that brings accuracy, detail and warmth in vocal reproduction. Patented shock-mount design resulting in extremely low handing and stand noises. EH202 requires an external phantom power. EH203 has an internal 1.5V battery power supply.

FREQENCY RESPONSE CURVE
AND POLAR PATTERN



EH040
Element: Moving Coil Dynamic
Polar Pattern: Un-directional
Frequency Response: 60Hz~15KHz
Sensitivity: -54dB±3dB(0dB=1V/Pa at 1KHz)
Output Impedance: 500Ω±30%

EH041
Element: Moving Coil Dynamic
Polar Pattern: Un-directional
Frequency Response: 60Hz~15KHz
Sensitivity: -54dB±3dB(0dB=1V/Pa at 1KHz)
Output Impedance: 600Ω±30%

EH042
Element: Moving Coil Dynamic
Polar Pattern: Un-directional
Frequency Response: 60Hz~15KHz
Sensitivity: -54dB±3dB(0dB=1V/Pa at 1KHz)
Output Impedance: 500Ω±30%

EH043
Element: Moving Coil Dynamic
Polar Pattern: Un-directional
Frequency Response: 60Hz~15KHz
Sensitivity: -54dB±3dB(0dB=1V/Pa at 1KHz)
Output Impedance: 600 Ohm±30%

EH002
Element: Moving Coil Dynamic
Polar Pattern: Un-directional
Frequency Response: 50Hz~16KHz
Sensitivity: -54dB±3dB(0dB=1V/Pa at 1KHz)
Output Impedance: 600Ω±30%

# MICROPHONE

EH045
Element: Moving Coil Dynamic
Polar Pattern: Un-directional
Frequency Response: 60Hz~15KHz
Sensitivity:-54dB±3dB(0dB=1V/Pa at 1KHz)
Output Impedance:500Ω±30%

EH023
Element: Moving Coil Dynamic
Polar Pattern: Un-directional
Frequency Response: 100Hz~10KHz
Sensitivity: -53dB±3dB(0dB=1V/Pa at 1KHz)
Output Impedance: 500Ω±30%

EH029
Element: Moving Coil Dynamic
Polar Pattern: Un-directional
Frequency Response: 60Hz~15KHz
Sensitivity: -54dB±3dB(0dB=1V/Pa at 1KHz)
Output Impedance: 500Ω±30%

EH031
Element: Moving Coil Dynamic
Polar Pattern: Un-directional
Frequency Response: 60Hz~15KHz
Sensitivity: -55dB±3dB(0dB=1V/Pa at 1KHz)
Output Impedance: 500Ω±30%

EH038
Element: Moving Coil Dynamic
Polar Pattern: Un-directional
Frequency Response: 80Hz~13KHz
Sensitivity: -53dB±3dB(0dB=1V/Pa at 1KHz)
Output Impedance: 500Ω±30%

EJ019

SPECIFICATIONS
Specifications: Stereo Headphone
Impedance: 32Ω±10%
Frequency response: 20-20000Hz
Sensitivity: 108dB±3dB/mw
Input power: Max.Power 80 mw
Pure tone test: Audio Sweepers
T.H.D: 100-3000Hz,SPL=94dB
(ref. 20uPa=0dB) T.H.D≤2%
Cord length: 4m±10% soft cord
Plug(mm): Stereo mini-plug (3.5, gold plated)
Color: Furcate, frame black,
ear shell(silver) headband

SPECIFICATIONS

Transmitter
trait: simulate 5.1 track
Frequency response:
18-22000Hz
Impedance: 32Ω(40mm Diameter)
Sensitivity: 110dB±3%
Maximum Power Input: 100mW
Jack: USB Jack
Cable length: Approx.2.5m

Receiver
Type: Electret Condenser
Microphone
Polar pattern: Omni-directional
Impedance: Low
Sensitivity: -58dB±3dB
Operating Voltage:3V
Frequency Response: 30-16000Hz

EJ051

EJ055

SPECIFICATIONS
Loudhailer: 40mm(Diameter)
Frequency range: 20-20000MHz
Sensitivity: 110dB
Impedance: 32Ω S.P.L(at 1KHz)
Maximum Power Input: 100mW
Plug(mm): 3.5mm stereo
Cable length: Approx.2.5m
Accessory: Volume Control

MICROPHONE
Type: Electret Condenser
Microphone
Polar pattern:
Omni-directional
Impedance: Low
Sensitivity: -58dB±3dB
Frequency Response:
30-16000Hz
Operating Voltage:3V

# MICROPHONE

HP-2133V

SPECIFICATIONS

Loudhailer: 40mm(Diameter)

Frequency range: 20-20000MHz

Sensitivity: 110dB

Impedance: 32Ω S.P.L(at 1KHz)

Maximum Power Input: 100mW

Plug(mm): 3.5mm stereo

Cable length: Approx.1.5m

Accessory: Volume Control

HP-2133V

SPECIFICATIONS

Loudhailer: 40mm(Diameter)

Frequency range: 20-20000MHz

Sensitivity: 110dB

Impedance: 32Ω S.P.L(at 1KHz)

Maximum Power Input: 100mW

Plug(mm): 3.5mm stereo

Cable length: Approx.1.5m

Accessory: Volume Control

HP-2371V

SPECIFICATIONS

Loudhailer: 40mm(Diameter)

Frequency range: 20-20000MHz

Sensitivity: 110dB

Impedance: 32Ω S.P.L(at 1KHz)

Maximum Power Input: 100mW

Plug(mm): 3.5mm stereo

Cable length: Approx.1.5m

Accessory: Volume Control

HP-8250

SPECIFICATIONS

Loudhailer: 57mm(Diameter)

Frequency range: 20-20000MHz

Sensitivity: 110dB

Impedance: 32Ω S.P.L(at 1KHz)

Maximum Power Input: 100mW

Plug(mm): 3.5mm stereo

Adaptor:6.3mm Stereo Plug Convert

Cable length:Approx.2.5ml

HP-2144V

SPECIFICATIONS

Loudhailer: 40mm(Diameter)

Frequency range: 20-20000MHz

Sensitivity: 110dB

Impedance: 32Ω S.P.L(at 1KHz)

Maximum Power Input: 100mW

Plug(mm): 3.5mm stereo

Cable length: Approx.1.5m

Accessory: Volume Control

HP-2391V

SPECIFICATIONS

Loudhailer: 40mm(Diameter)

Frequency range: 20-20000MHz

Sensitivity: 110dB

Impedance: 32Ω S.P.L(at 1KHz)

Maximum Power Input: 100mW

Plug(mm): 3.5mm stereo

Cable length: Approx.1.5m

Accessory: Volume Control

# MICROPHONE

HP-2133V

SPECIFICATIONS

Loudhailer: 40mm(Diameter)

Frequency range: 20-20000MHz

Sensitivity: 110dB

Impedance: 32Ω S.P.L(at 1KHz)

Maximum Power Input: 100mW

Plug(mm): 3.5mm stereo

Cable length: Approx.1.5m

Accessory: Volume Control

HP-2390V

SPECIFICATIONS

Loudhailer: 40mm(Diameter)

Frequency range: 20-20000MHz

Sensitivity: 108dB

Impedance: 32Ω S.P.L(at 1KHz)

Maximum Power Input: 60mW

Plug(mm): 3.5mm stereo

Cable length: Approx.1.5m

Accessory: Volume Control

HP-2392V

SPECIFICATIONS

Loudhailer: 40mm(Diameter)

Frequency range: 20-20000MHz

Sensitivity: 110dB

Impedance: 32Ω S.P.L(at 1KHz)

Maximum Power Input: 100mW

Plug(mm): 3.5mm stereo

Cable length: Approx.1.5m

Accessory: Volume Control

HP-2372V

SPECIFICATIONS

Loudhailer: 40mm(Diameter)

Frequency range: 20-20000MHz

Sensitivity: 110dB

Impedance: 32Ω S.P.L(at 1KHz)

Maximum Power Input: 60mW

Plug(mm): 3.5mm stereo

Cable length: Approx.1.5m

Accessory: Volume Control

HP-2370V

SPECIFICATIONS

Loudhailer: 40mm(Diameter)

Frequency range: 20-20000MHz

Sensitivity: 110dB

Impedance: 32Ω S.P.L(at 1KHz)

Maximum Power Input: 100mW

Plug(mm): 3.5mm stereo

Cable length: Approx.1.5m

Accessory: Volume Control

HP-3200V

SPECIFICATIONS

Loudhailer: 40mm(Diameter)

Frequency range: 20-20000MHz

Sensitivity: 110dB

Impedance: 32Ω S.P.L(at 1KHz)

Maximum Power Input: 60mW

Plug(mm): 3.5mm stereo

Cable length: Approx.1.5m

Accessory: Volume Control