

Richer. Deeper. Purer. Clearer.  
Totally Exhilarating.

## Yamaha Audio and Video

*Powered by music*





## *Powered by music*

Music has enormous power to move us and arouse our emotions. We love it, we yearn for it, we are devoted to it. Its energy can advance technology and enrich our lives. In the more than 120 years of our existence, Yamaha has been making steady progress, nourished by our unwavering enthusiasm for music. We're continually exploring the possibilities of sound, striving always to bring you a richer musical experience. Yamaha audio and video: Powered by music.



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## Home Theater Components



## Just Like a Real Theater...Only Better.

Through the use of ultra-sophisticated CINEMA DSP and other technologies, Yamaha home theater components can deliver sound fields and sound quality exactly as the movie director intended—even better than you hear in many movie theaters.



## 3D Sound & Vision

— With CINEMA DSP 3D, Yamaha opened the 3D era several years ago.

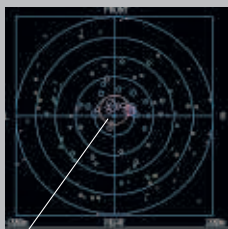
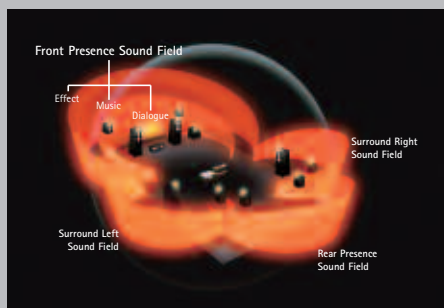
True home theater began over two decades ago, when Yamaha introduced CINEMA DSP, bringing realistic surround sound into people's living rooms. Since then, we've been leading the evolution of surround sound technology, helping home theater achieve the widespread popularity it has today.

One of our most noteworthy advances, made several years ago before other companies introduced "3D sound" was CINEMA DSP 3D.

In order to expand and enhance the surround sound experience, CINEMA DSP 3D allows the addition of two extra presence speakers in the front, for a total of 9.1 channels of sound. These extra channels give the sound field a higher vertical dimension. Music sources heard with HiFi DSP programs provide a more realistic feeling of being in a concert hall with a high ceiling or in a small club where the sound seems to bounce up from the floor. Movies with CINEMA DSP programs have an enhanced

dimension of height, so sounds from above have more precise localisation.

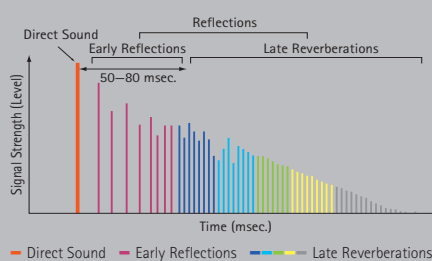
Now we are entering the era of 3D video, an exciting technology that is sure to become commonplace in the future. It should come as no surprise that the best way to enjoy 3D movies at home is to accompany them with sound from a Yamaha AV receiver equipped with CINEMA DSP 3D. Finally, the age of true 3D sound and vision is here.



Centre: Listening Position

Virtual Sound Source Distribution of Programmed Ambience Data

Virtual sound sources (late reverberations) are small blue and white circles. Circle size indicates strength.



Closely Located Four Point Microphone.

## Optimum Operation, Superior Sound

Yamaha AV components are known for introducing innovative features, but each and every one is carefully considered before we include it in a product. Rather than packing our components with more features than you need or want, we believe in offering only those that truly improve operational ease or sound quality. Below are brief explanations of some of the features that make using your Yamaha system a thoroughly pleasant experience.



Yamaha's commitment to achieving the highest possible sound and image quality from all digital sources is fully realized by the Digital ToP-ART design concept. It mandates the use of the best technologies, parts and circuits, with painstakingly designed interior layouts that shorten signal paths and isolate key sections to prevent interference.

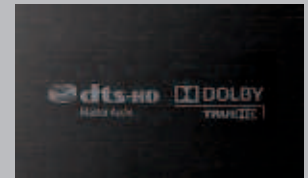


### Pure Direct

Pure Direct provides the highest possible sound and image quality by having audio signals bypass all non-essential circuits so they travel the most direct path from input to output, and also turning off the display, both of which ensure that signals are not degraded by electrical noise.



Yamaha AV components deliver the rich, dynamic surround sound that Blu-ray Disc players can output by decoding the two HD Audio lossless formats: Dolby TrueHD and DTS-HD Master Audio. Naturally, they can also decode the Dolby Digital Plus and DTS-HD High Resolution Audio lossy formats.



#### HDMI V.1.4 with 3D\* and Audio Return Channel

Yamaha RX-V67 series AV receivers provide four HDMI V.1.4 inputs and one output. HDMI V.1.4 is the latest version of the HDMI interface, offering several home theater enhancements. Previously, if a TV had a built-in tuner or DVD player, a separate cable (in addition to the HDMI cable) was needed for transmitting audio content from the TV to the receiver. The Audio Return Channel function enables data to be sent and received via the same HDMI cable (except RX-V367). 3D Ready means the receiver can handle 3D signal data after getting a firmware update.



#### Audio Input Assign Capability for HDMI and Component Video Inputs

Some Yamaha receivers let you change audio inputs to video inputs. For example, you can change an analog audio input to a component video or HDMI input for a game or video device. You can also change the names of the input terminals.

\* HDMI 3D feature will be available via firmware update.



### SCENE

With most AV components, watching or listening to any source requires a number of steps. You have to turn on the main unit, turn on the source component, select the source and surround mode, and press play. But with Yamaha's SCENE, you only need to press one button. Both units turn on, the best DSP setting is made, and play begins.

	SCENE			
	BD/DVD	T V	C D	RADIO
Input	HDMI1	AV1	AV3	TUNER
Surround Mode	Straight	Straight	Straight	7ch Enhancer





**YPAO**

Yamaha's much-praised automatic sound optimization system analyzes the acoustics of the room and measures seven speaker characteristics, then calibrates various audio parameters to achieve the optimum sound at the listening position. The process takes only a few minutes. Advanced YPAO uses parametric rather than graphic EQ and can be set for eight different listening positions.



Using network functions and Windows Media Player 11, you can stream PC music content (MP3, WMA, WAV) and listen to internet radio (MP3, WMA). There is also a USB terminal on the front panel, and of course an iPod can be used via the optional YDS-12 dock.



## Adaptive DRC

With Adaptive DRC (Dynamic Range Control), Yamaha ensures that you hear sounds with the maximum dynamic range at all volume levels. It makes low-volume sounds easier to hear such as at night or with headphones and continually adjusts for optimum response as the music or movie is playing.

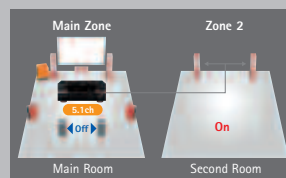


**Zone4**

**Zone3**

**Zone2**

Yamaha AV components allow the creation of separate listening zones, so people in different rooms of the home can enjoy music or movies. Features include assignable amplifiers for multi-zone control and assignable zone component video out for creating a second high quality home theater. An RS-232C interface is provided, as well as remote input/output and programmable +12V trigger outputs.



**BD-LIVE™** **BONUS VIEW™**

BD-Live is the most advanced Blu-ray Disc format. Using the Network terminal to connect to the internet, you can enjoy a variety of fun and informative up-to-the-minute content. BonusView provides Secondary Video, which lets you view a sub video as well as the main video (with compatible discs), and also Secondary Audio.



**compressed music**  
**ENHANCER**

When music is encoded into a digitally compressed format like MP3, the frequency response suffers. This function restores what was lost, so your music always sounds the way it should.

**SILENT CINEMA™**

Home theater through headphones! The SILENT CINEMA mode allows private listening enjoyment of multi-channel music or movies, with an accurate simulation of surround sound, through ordinary headphones.



Titanium finish available.

## DSP-Z7 DIGITAL AV Amplifier TOP·ART

- 7-channel 980W (140W x 7 RMS); 1,295W (185W x 7 Max)
- 1080p-compatible HDMI (5 in [1 on front]/2 out [simultaneous]) with Deep Color (30/36 bit), x.v.Color, 100Hz/120Hz and 1080p/24Hz Refresh Rates and Auto Lip-Sync compensation
- Analog video upscaling to full HD 1080p via HDMI
- CINEMA DSP 3D mode with 22 DSP programs
- Pure Direct
- iPod / Bluetooth® compatibility
- On-screen display GUI with album art





# DSP-Z11

## DIGITAL TOP·ART

AV Amplifier



- 11-channel 1,180W (140W x 7 + 50W x 4 RMS); 1,700W (200W x 7 + 75W x 4 Max)
- 1080p-compatible HDMI (5 in/2 out) with Deep Color (30/36 bit), x.v.Color, 100Hz/120Hz and 1080p/24Hz Refresh Rates, and Auto Lip-Sync compensation
- Analog and HDMI video upscaling to Full HD 1080p via HDMI and downscaling to 480p/576p
- Pure Direct for lossless audio formats
- CINEMA DSP HD<sup>3</sup> with 33 DSP programs

- THX Ultra2 Plus with 7 THX programs
- Adaptive DRC (Dynamic Range Control)
- iPod compatibility
- Advanced YPAO Auto Setup
- On-screen display GUI (6 languages: English, German, French, Spanish, Russian and Japanese)
- 10 System Memories for Main Zone and 4 System Memories for each Zone
- Versatile Zone Control (Zone 2/3/4) with Preamplifier mode, Party mode, Zone Mono, etc.



Oil-Damped Hidden Control Panel



Titanium finish available.

Optimizer microphone (left), simplified remote unit (center) and learning and preset capable remote unit with shock sensor illuminated buttons (right)



Titanium finish available.

# RX-V3900

## DIGITAL TOP·ART

AV Receiver

- 7-channel 980W (140W x 7 RMS); 1,295W (185W x 7 Max)
- 1080p-compatible HDMI (4 in/2 out [simultaneous]) with Deep Color (30/36 bit), x.v.Color, 100Hz/120Hz and 1080p/24Hz Refresh Rates and Auto Lip-Sync compensation
- Analog video upscaling to full HD 1080p via HDMI
- CINEMA DSP 3D mode with 22 DSP programs
- Pure Direct
- iPod / Bluetooth® compatibility
- On-screen display GUI with album art





## RX-V2065

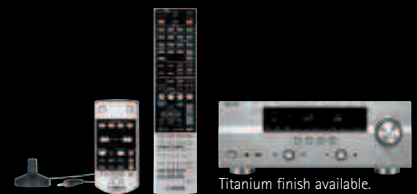
AV Receiver

DIGITAL  
TOP·ART



- 7-channel 910W (130W x 7 RMS); 1,225W (175W x 7 Max)
- 1080p-compatible HDMI (5 in/2 out [simultaneous]) with Deep Color (30/36 bit), x.v.Color, 100Hz/120Hz and 1080p/24Hz Refresh Rates and Auto Lip-Sync compensation
- Analog video upscaling to full HD 1080p via HDMI

- CINEMA DSP 3D mode with 17 DSP programs
- Pure Direct and discrete amp configuration
- iPod / Bluetooth® compatibility
- On-screen display GUI with album art



Titanium finish available.

## RX-V1065

AV Receiver

DIGITAL  
TOP·ART

- 7-channel 735W (105W x 7 RMS); 1,015W (145W x 7 Max)
- 1080p-compatible HDMI (4 in/1 out) with Deep Color (30/36 bit), x.v.Color, 100Hz/120Hz and 1080p/24Hz Refresh Rates and Auto Lip-Sync compensation
- Analog video upscaling to full HD 1080p
- CINEMA DSP 3D mode with 17 DSP programs
- Pure Direct and discrete amp configuration
- iPod / Bluetooth® compatibility
- HDMI CEC functionality
- On-screen display GUI with album art



Titanium finish available.



### Universal Dock for iPod/iPhone

The optional YDS-12 Universal Dock lets you connect your iPod or iPhone to the receiver.

- Dimensions (W x H x D); Weight: 89 x 37 x 86 mm; 160 g



### YDS-12

Universal Dock for iPod/iPhone  
iPhone not included.



### Bluetooth® Wireless Audio Receiver

The optional YBA-10 supports A2DP audio streaming, enjoying music wirelessly from Bluetooth-enabled mobile phones, Windows PCs and Macs.

- Dimensions (W x H x D); Weight: 80 x 50 x 70 mm; 153 g



### YBA-10

Bluetooth® Wireless Audio Receiver





## RX-V767

AV Receiver

- 7-channel 665W (95W x 7 RMS); 945W (135W x 7 Max)
- 1080p-compatible HDMI (6 in/2 out [simultaneous]) incl. front panel input with Deep Color (30/36 bit), x.v.Color, 24Hz Refresh Rates and Auto Lip-Sync compensation
- HDMI (V.1.4 with 3D and Audio Return Channel)
- HD Audio decoding with CINEMA DSP 3D (17 DSP programs) without Front Presence Speakers
- Pure Direct and discrete amp configuration
- iPod / iPhone / Bluetooth® compatibility
- Intuitive GUI for ease-of-use



Titanium finish available.

## RX-V667

AV Receiver

- 7-channel 630W (90W x 7, RMS); 910W (130W x 7 Max)
- 1080p-compatible HDMI (6 in/1 out) incl. front panel input with Deep Color (30/36 bit), x.v.Color, 24Hz Refresh Rates and Auto Lip-Sync compensation
- HDMI (V.1.4 with 3D and Audio Return Channel)
- HD Audio decoding with CINEMA DSP 3D (17 DSP programs) without Front Presence Speakers
- Pure Direct and discrete amp configuration
- iPod / iPhone / Bluetooth® compatibility
- Intuitive GUI for ease-of-use



Titanium finish available.



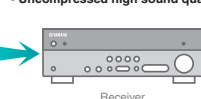
### Wireless Dock System for iPod/iPhone (for RX-V767 and RX-V667)

The optional YID-W10 ensures that you enjoy maximum sound quality and no lip sync (AV matching) problems.

- Transmitter Dimensions (W x H x D); Weight: 45.3 x 94 x 17.6 mm; 42 g
- Charging Cradle Dimensions (W x H x D); Weight: 91 x 54 x 88 mm; 260 g

AirWired

- Real-time signal transmission
- Uncompressed high sound quality transmission



### AirWired YID-W10

Wireless Dock System for iPod/iPhone  
iPhone not included.







## RX-V567

AV Receiver

- 7-channel 630W (90W x 7 RMS); 805W (115W x 7 Max)
- 1080p-compatible HDMI (4 in/1 out)
- HDMI (V.1.4 with 3D\* and Audio Return Channel)
- HD Audio format decoding: Dolby TrueHD, DTS-HD Master Audio
- Analog video upscaling to full HD 1080p



Titanium finish available.



## RX-V467

AV Receiver

- 5-channel 525W (105W x 5 RMS); 700W (140W x 5 Max)
- 1080p-compatible HDMI (4 in/1 out)
- HDMI (V.1.4 with 3D\* and Audio Return Channel)
- HD Audio format decoding: Dolby TrueHD, DTS-HD Master Audio
- CINEMA DSP (17 DSP programs) with HD Audio decoding



Titanium finish available.



## RX-V367

AV Receiver

- 5-channel 500W (100W x 5 RMS); 675W (135W x 5 Max)
- HDMI (V.1.4 with 3D\*)
- 1080p-compatible HDMI repeater (4 in/1 out)
- YPAO sound optimization for automatic speaker setup
- SCENE buttons for one touch operation
- Upgraded CINEMA DSP with 17 DSP programs



\* HDMI 3D feature will be available via firmware update.



Titanium and silver finish available.

## YHT-294

Home Theater Package



- AV Receiver HTR-3063 (Black)
- 5-channel 500W (100W x 5 RMS); 675W (135W x 5 Max)
- HDMI (V.1.4 with 3D)
- 1080p-compatible HDMI repeater (4 in/1 out)
- YPAO sound optimization for automatic speaker setup
- SCENE buttons for one touch operation
- Upgraded CINEMA DSP with 17 DSP programs
- 5.1-Channel Speaker Package NS-P285 (Black; page 43)
- The NS-P285 specifications are on page 51.



- Optional Floorstanding Speaker Stands SPS-90 (Black)
- Dimensions (W x H x D): 230 x 910—1,200 (height adjustment) x 230 mm
- Weight: 2.2 kg/unit





## BD-S667

Blu-ray Disc Player



- HD Audio format signal capability
- Supports BD-Live and BonusView
- 192kHz/24-bit audio DAC
- 1080p/24Hz-compatible HDMI video output
- x.v.Color and Deep Color compatibility
- HDMI CEC functionality



## BD-S1900

Blu-ray Disc Player



- HD Audio format signal capability
- Supports BD-Live and BonusView
- 192kHz/24-bit audio DAC
- 1080p/24Hz-compatible HDMI video output
- Pure Direct
- x.v.Color and Deep Color compatibility
- HDMI CEC functionality



## BD-S1065

Blu-ray Disc Player



- HD Audio format signal capability
- Supports BD-Live and BonusView
- 192kHz/24-bit audio DAC
- 1080p/24Hz-compatible HDMI video output
- x.v.Color and Deep Color compatibility
- HDMI CEC functionality



## DSP-Z11



Oil-Damped Hidden Control Panel

Inputs	
HDMI*	5
USB*	2
Network	1
Dock Terminal for Optional Dock Accessories	1
Optical Digital (Fixed and Assignable)*	5
Coaxial Digital (Fixed and Assignable)	4
S-Video*	6
Analog A/V / Audio*	6 / 5
Component Video (Fixed and Assignable)	4
Multi-Channel External Decoder	8ch

\* Including front panel terminals.

Outputs	
HDMI	2
Optical Digital (Fixed and Assignable)	1
Coaxial Digital (Fixed and Assignable)	1
Analog A/V / Audio	2 / 2
S-Video	2
Component Video Monitor	2
S-Video / Composite Monitor	1 / 1
Speaker (without subwoofer)	11ch / 13 ter.
Subwoofer (L/R or Front/Rear: Selectable)	2

### Others

Zone 2 Video Out (Component/Composite)	1 / 2
Zone 2 Audio Out (Analog Audio/Coaxial)	1 / 1
Zone 3 Audio Out	1
Zone 4 Audio Out	1
Remote In/Out	2 / 2
Trigger Out	2
RS-232C	1
Terminal for Detachable Power Cable	1

## DSP-Z7



Oil-Damped Hidden Control Panel

Inputs	
HDMI*	5
USB*	2
Network	1
Dock Terminal for Optional Dock Accessories	1
Optical Digital (Fixed and Assignable)*	5
Coaxial Digital (Fixed and Assignable)	3
S-Video*	6
Analog A/V / Audio*	6 / 5
Component Video (Fixed and Assignable)	3
Multi-Channel External Decoder	8ch

\* Including front panel terminals.

Outputs	
HDMI	2
Optical Digital (Fixed and Assignable)	1
Analog A/V / Audio	2 / 1
S-Video	2
Component Video Monitor	1
S-Video / Composite Monitor	1 / 1
Speaker (without subwoofer)	7ch / 11 ter.
Subwoofer	1

### Others

Zone 2 Composite Video Out	2
Zone 2 Audio Out	1
Zone 3 Audio Out	1
Zone 4 Optical Digital Out	1
Zone 4 Analog Out	1
Remote In/Out	2 / 2
+12V/15mA Trigger Out	2
RS-232C	1
Terminal for Detachable Power Cable	1

## RX-V3900



Oil-Damped Hidden Control Panel

Inputs	
HDMI	4
USB*	1
Network	1
Dock Terminal for Optional Dock Accessories	1
Optical Digital (Fixed and Assignable)*	5
Coaxial Digital (Fixed and Assignable)	3
S-Video*	6
Analog A/V / Audio*	6 / 4
Component Video (Fixed and Assignable)	3
Multi-Channel External Decoder	8ch

\* Including front panel terminals.

Outputs	
HDMI	2
Optical Digital (Fixed and Assignable)	2
Analog A/V / Audio	2 / 1
S-Video	2
Component Video Monitor	1
S-Video / Composite Monitor	1 / 1
Speaker (without subwoofer)	7ch / 11 ter.
Subwoofer	1

### Others

Zone 2 Video Out (Composite)	2
Zone 2 Audio Out	1
Zone 3 Audio Out	1
Remote In/Out	2 / 2
+12V/15mA Trigger Out	2
RS-232C	1
Terminal for Detachable Power Cable	1

## RX-V2065



Inputs	
HDMI*	5
Radio Antenna (FM/AM)	1 / 1
USB	1
Network	1
Dock Terminal for Optional Dock Accessories	1
Optical Digital (Fixed)	2
Coaxial Digital (Fixed)	2
Analog Audio* incl. Phono	6
Component Video	2
Multi-Channel External Decoder	8ch

\* Including front panel terminals.

\*\* Assignable for surround back L/R to bi-amp (front L/R).

Outputs	
HDMI	2 (Simultaneous)
Optical Digital	1
Analog Audio	2
Pre Out	7ch
Component Video Monitor	1
Composite Monitor	1
Composite AV	1
Speaker (without subwoofer)**	7ch / 11 ter.
Subwoofer	2

### Others

Zone 2 Audio Out	1
Zone 3 Audio Out	1
Remote In/Out	1 / 1
+12V/0.1A Trigger Out	2
RS-232C	1
Terminal for Detachable Power Cable	1



## RX-V1065



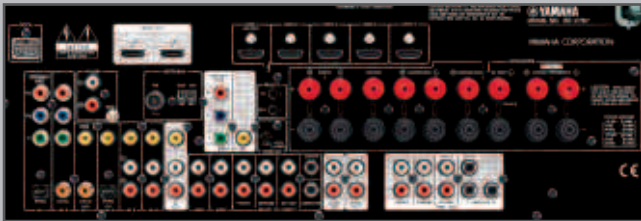
Inputs	
HDMI	4
Radio Antenna (FM/AM)	1 / 1
Dock Terminal for Optional Dock Accessories	1
Optical Digital (Fixed)	2
Coaxial Digital (Fixed)	2
Analog Audio* incl. Phono	6
Component Video (Fixed)	2
Multi-Channel External Decoder	8ch

\* Including front panel terminals.  
 \*\* Assignable for surround back L/R to bi-amp (front L/R).

Outputs	
HDMI	1
Analog Audio	2
Pre Out	7ch
Component Video Monitor	1
Composite Monitor	1
Composite AV	1
Speaker (without subwoofer)**	7ch / 9 ter.
Subwoofer	2

Others	
Zone 2 Audio Out	1
Remote In/Out	1 / 1
+12V/0.1A Trigger Out	1

## RX-V767



Inputs	
HDMI (audio Input Assignable)*	6
Radio Antenna (FM/AM)	1 / 1
Dock Terminal for Optional Dock Accessories	1
Optical Digital	2
Coaxial Digital	2
Analog Audio* incl. Phono	6
Component Video (Audio Input Assignable)	2
Composite Video	5
Multi-Channel External Decoder	8ch

\* Including front panel terminals.  
 \*\* Assignable for surround back L/R to bi-amp (front L/R).

Outputs	
HDMI	2 (Simultaneous)
Analog Audio	2
Pre Out	7ch
Component Video Monitor	1
Composite Monitor	1
Composite AV	1
Speaker (without subwoofer)**	7ch / 9 ter.
Subwoofer	2 x mono

Others	
Zone 2 Audio Out	1
Remote In/Out	1 / 1
+12V/0.1A Trigger Out	1

## RX-V667



Inputs	
HDMI (audio Input Assignable)*	6
Radio Antenna (FM/AM)	1 / 1
Dock Terminal for Optional Dock Accessories	1
Optical Digital	2
Coaxial Digital	2
Analog Audio* incl. Phono	6
Component Video (Audio Input Assignable)	2
Multi-Channel External Decoder	8ch

\* Including front panel terminals.  
 \*\* Assignable for surround back L/R to bi-amp (front L/R).

Outputs	
HDMI	1
Analog Audio	2
Pre Out	7ch
Component Video Monitor	1
Composite Monitor	1
Composite AV	1
Speaker (without subwoofer)**	7ch / 9 ter.
Subwoofer	2 x mono

Others	
Zone 2 Audio Out	1
Remote In/Out	1 / 1
+12V/0.1A Trigger Out	1

## RX-V567



Inputs	
HDMI (Audio Input Assignable)	4
Radio Antenna (FM/AM)	1 / 1
Dock Terminal for Optional Dock Accessories	1
Optical Digital (Fixed)	2
Coaxial Digital (Fixed)	2
Analog Audio*	5
Component Video (Audio Input Assignable)	2

\* Including front panel terminals.  
 \*\* Assignable for surround back L/R to bi-amp (front L/R).

Outputs	
HDMI	1
Analog Audio	2
Component Video Monitor	1
Composite Monitor	1
Composite AV	1
Speaker (without subwoofer)**	7ch
Subwoofer	1

## RX-V467



Inputs	
HDMI (Audio Input Assignable)	4
Radio Antenna (FM/AM)	1 / 1
Dock Terminal for Optional Dock Accessories	1
Optical Digital (Fixed)	2
Coaxial Digital (Fixed)	2
Analog Audio*	5
Component Video (Audio Input Assignable)	2

\* Including front panel terminals.

Outputs	
HDMI	1
Analog Audio	2
Pre Out (Surround Back L/R)	2ch
Component Video Monitor	1
Composite Monitor	1
Composite AV	1
Speaker (without subwoofer)	5ch
Subwoofer	1

## RX-V367



Inputs	
HDMI	4
Radio Antenna (FM/AM)	1 / 1
Optical Digital (Fixed and Assignable)	2
Coaxial Digital (Fixed and Assignable)	2
Analog Audio*	4
Component Video (Fixed and Assignable)	2
Composite Video	4

\* Including front panel terminals.

Outputs	
HDMI	1
Analog Audio	2
Component Video Monitor	1
Composite Monitor	1
Speaker (without subwoofer)	5ch
Subwoofer	1



## Front Surround Systems



## It's Not Magic, It's Yamaha.

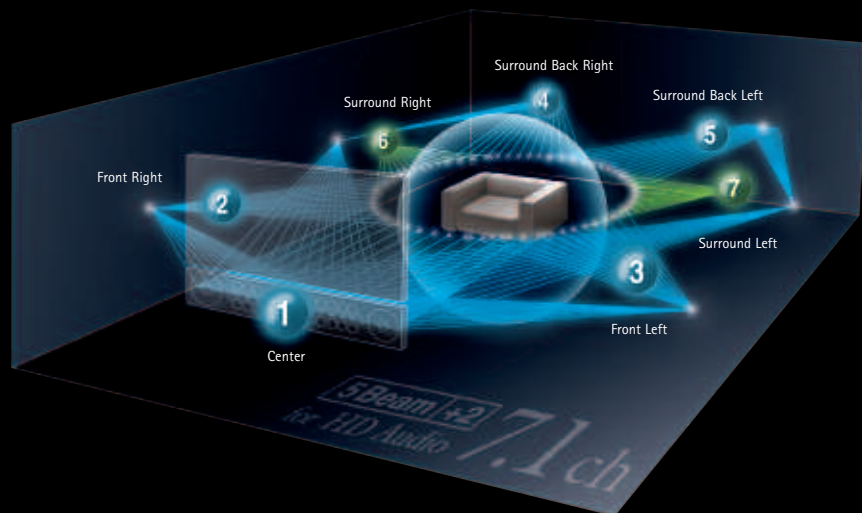
Yamaha was the first to achieve true surround sound from a front surround system with the original Digital Sound Projector™, and we've been perfecting the technology ever since. Now there are many models to choose from—listen and be amazed.

## Full Enjoyment of 7.1-Channel HD Audio

(YSP-5100/YSP-4100)



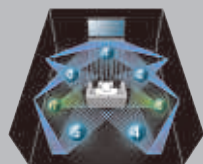
These two Digital Sound Projectors ensure that you hear the best possible 7.1-channel surround sound from Blu-ray Disc players, as well as from all other digital sources. They are capable of decoding the two lossless HD Audio formats (Dolby TrueHD and DTS-HD Master Audio) as well as the two lossy formats (Dolby Digital Plus and DTS-HD High Resolution).



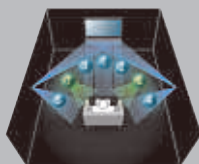
**5 Beam +2** for HD Audio **7.1ch**

### Versatile listening modes

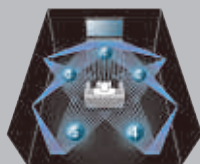
The YSP-5100/YSP-4100 achieve true surround sound by directing sound beams off the walls to reach the listener from various angles. The main mode is 5 BeamPlus2 for 7-channel sources. In addition, there is a wide variety of other listening modes. You can select 3 Beam + Stereo + 2, 5 Beam, 3 Beam + Stereo, 3 Beam or Stereo, depending on the type of source and your room acoustics.



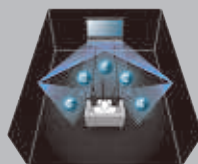
5 BeamPlus2



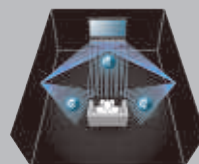
Stereo + 3 BeamPlus2



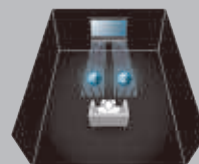
5 Beam



Stereo + 3 Beam



3 Beam



Stereo

### Built-In DSP, Speakers and Digital Amplifiers

These slim units have everything necessary for projecting true surround sound built in: DSP for Digital Signal Processor, 40 beam drivers, two woofers, two tweeters (YSP-5100 only) and digital amplifiers. The two built-in tweeters ensure high stereo sound quality. No other receiver, amplifier or speakers are necessary, making the system extremely compact and economical. This also makes it handy for use in a different room (zone) in a custom multi-zone system. What's more, the shape is even thinner (90mm depth) than previous models.



CINEMA DSP creates complex sound fields based on acoustic patterns developed from a vast database of actual venues and input from film sound technicians, making you feel as though you are inside the scene you are watching.



When music is encoded into a digitally compressed format like MP3, the frequency response suffers. This function restores what was lost, so your music always sounds the way it should.

### IntelliBeam

IntelliBeam automatically sets the sound beam angles and modes for the best surround sound, while optimizing the volume and frequency response of each beam. Your room becomes an ideal theater space in just a few minutes.

### AirWired

You can use your YSP-5100/YSP-4100 with an iPod and subwoofer without having to connect any cables. The AirWired link transmits uncompressed data so there is no loss of signal data, ensuring maximum sound quality.

### UniVolume

No more sudden blasts of sound! This welcome feature maintains a consistent volume level between different channels, programs, commercials and input sources. You can switch it on and off.



When the YSP-5100/YSP-4100 are connected to a CEC-compatible TV, it will turn on and off together with the TV, and you can use the TV remote unit to control the volume. CEC also provides advanced functionality with other components.





Optional subwoofer  
YST-SW315



iPod not included.

## YIT-W10

Optional Wireless Transmitter for iPod  
(for YSP-5100/YSP-4100)

ΛrWired

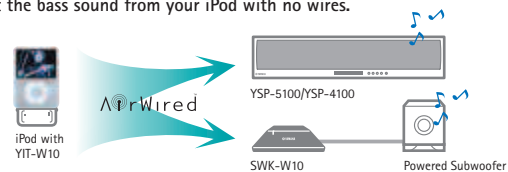


## SWK-W10

Optional Wireless Subwoofer Kit  
(for YSP-5100/YSP-4100)

ΛrWired

- Boost the bass sound from your iPod with no wires.



- You can enjoy dynamic bass from a subwoofer wirelessly.

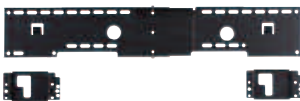




## YSP-5100

Digital Sound Projector

- Includes 40 beam drivers, two woofers and two tweeters with digital amplifiers (120W total power: 2W x 40 + 20W x 2)
- HD Audio format signal capability
- 1080p-compatible HDMI (4 in/ 1 out) with Deep Color, X.V Color, Auto Lip-Sync and CEC functionality
- IntelliBeam Automated System Calibration
- Versatile listening modes: 5 BeamPlus2, Stereo + 3 BeamPlus2, 5 Beam, Stereo + 3 Beam, 3 Beam and Stereo.
- Analog video to HDMI digital video upconversion
- 11 CINEMA DSP programs: Three Movie, three Music and five Entertainment
- UniVolume
- AirWired technology for wireless operation
- Adaptive DRC, Music Enhancer and Bass Extension
- Custom installation with IR in, IR pass through out, Extended IR and RS-232C interface



### SPM-K30

Optional Wall Mount Bracket  
(for YSP-5100/YSP-4100/YSP-3000)



### YTS-T500

Integrated TV/Soundbar Pedestal  
(for YSP-5100/YSP-4100)

- Dimensions (W x H x D): 650 x 867 x 398 mm
- Weight: 16 kg
- Supports up to 52" (VESA standard), 45 kg TVs



### YTS-F500

Integrated TV/Soundbar Floor Stand  
(for YSP-5100/YSP-4100)

- Dimensions (W x H x D): 670 x 1166 x 515 mm
- Weight: 25 kg
- Supports up to 58" (VESA standard), 45kg TVs



Optional subwoofer  
YST-FSW150



## YSP-4100

Digital Sound Projector

- Includes 40 beam drivers and two woofers with digital amplifiers (120W total power: 2W x 40 + 20W x 2)
- HD Audio format signal capability
- 1080p-compatible HDMI (4 in/ 1 out) with Deep Color, X.V. Color, Auto Lip-Sync and CEC functionality
- IntelliBeam Automated System Calibration
- Versatile listening modes: 5 BeamPlus2, Stereo + 3 BeamPlus2, 5 Beam, Stereo + 3 Beam, 3 Beam and Stereo.
- Analog video to HDMI digital video upconversion
- 11 CINEMA DSP programs: Three Movie, three Music and five Entertainment
- UniVolume
- AirWired technology for wireless operation
- Adaptive DRC, Music Enhancer and Bass Extension
- Custom installation with IR in, IR pass through out, Extended IR and RS-232C interface



## YSP-3000

Digital Sound Projector

- Digital amplifier built-in (82W total power: 2W x 21 + 20W x 2)
- 1080p-compatible HDMI (2 in/1 out)
- FM tuner built-in
- 3 CINEMA DSP programs



Silver finish available.





## YRS-1000

Surround Sound TV Stand

- Large enough for 46" flat panel TVs
- 1080p-compatible HDMI (2 in/1 out)
- Digital amplifier built-in: 112W total power
- Built-in Yamaha Advanced YST II subwoofer with down-firing active design and Linear Port
- HDMI CEC functionality



IntelliBeam



### Optional Mounting Bracket (for YRS-1000)

The YTS-V1100 Mounting Bracket attaches to the YRS stands and the wall, letting you firmly mount even large-size TVs flat against the wall. Height can be adjusted in three 10cm steps.

- The YTS-V1100 bracket can support up to 47", 45kg TVs.



### YTS-V1100

Optional Mounting Bracket



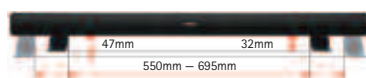
## YHT-S400 *AIR SURROUND XTREME*

### Home Theater Package

YHT-S400 includes Front Speaker System (NS-BR300) and Subwoofer-Integrated Receiver (SR-300)

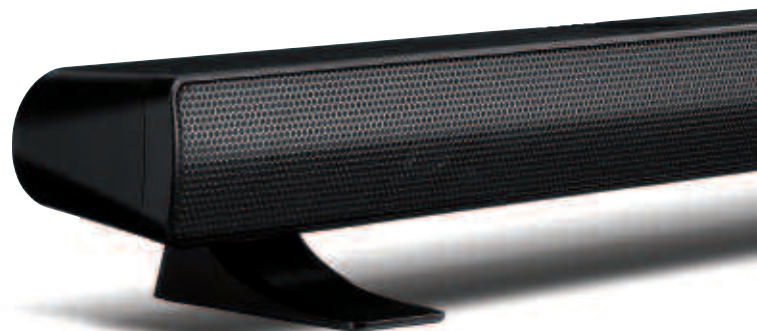
- Total 250W (50W x 3 + 100W subwoofer) power
- World's slimmest Sound Bar\* (50mm high)
- Width and height adjustable feet
- 1080p-compatible HDMI (3 in/ 1 out)
- Yamaha's Exclusive AIR SURROUND XTREME
- UniVolume
- HDMI CEC functionality
- iPod/Bluetooth® compatibility

\* According to Yamaha data collected in July 2009.



#### Width and Height Adjustable Feet

Lets you put the unit in front of most TVs from 32" to 50", no matter what shape and width the TV stand is. The feet can also be removed.



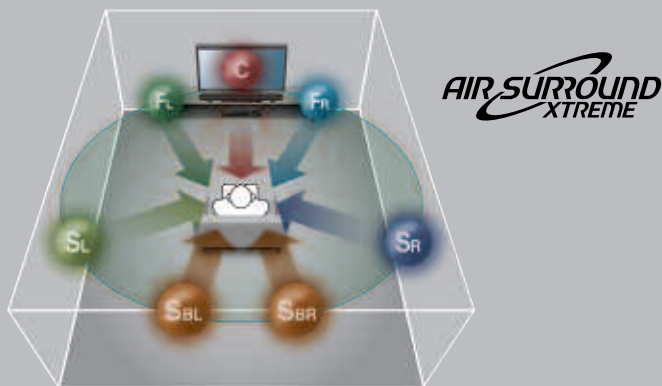
#### Subwoofer-Integrated Receiver

With a subwoofer built into the receiver, you can enjoy powerful bass sound without having to purchase a separate subwoofer.

## AIR SURROUND XTREME Technology

When you listen to conventional virtual surround systems, you hear all of the sound in, at best, three locations in front of you. In fact, there is no real surround effect. But with AIR SURROUND XTREME, you can actually identify sounds located around and behind you. You hear dialogue from a clear center channel and other sounds from the front, specific sounds from the other channels to the sides and rear, and smooth sound movement around you.

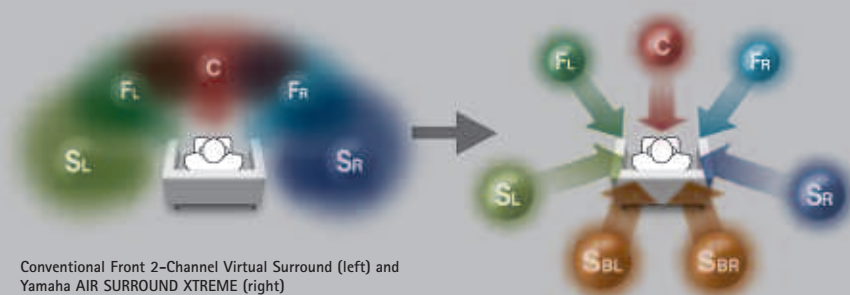
Yamaha achieved this by developing new technologies and algorithms that make it possible to achieve true 5- and 7-channel surround sound. One key technology is the world's first 24kHz HRTF (Head Related Transfer Function), which enables the creation of more virtual sound sources, with greater clarity and immediacy. The sound field is wider, higher and deeper, and sound localization is far more accurate.



## Conventional Virtual Surround

When sound travels from its source to our ears, we automatically sense where it is coming from by analyzing and comparing three factors: time difference, volume difference and phase difference. These factors are determined by the shape and direction of our head in relation to the sound source. The mathematical function that describes these factors is called HRTF, for Head Related Transfer Function.

By using HRTF, it is possible to reproduce the same time, volume and phase characteristics that occur when sound is produced from left, right, center and surround channels in order to create "virtual" sound sources for each channel, even from two speakers.



For more technology information, see: <http://www.yamaha.co.jp/english/product/av/products/dsp/dvx1000.html>



## Optional Universal Dock for iPod

The optional YDS-12 Universal Dock lets you connect your iPod or iPhone to the receiver.

- Dimensions (W x H x D): 89 x 37 x 86 mm
- Weight: 160 g



## YDS-12

Universal Dock for iPod/iPhone



*iPhone not included.*

## Optional Bluetooth® Wireless Audio Receiver

The optional YBA-10 supports A2DP audio streaming, enjoying music wirelessly from Bluetooth-enabled mobile phones, Windows PCs and Macs.

- Dimensions (W x H x D): 80 x 50 x 70 mm
- Weight: 153 g



## YBA-10

Bluetooth® Wireless Audio Receiver

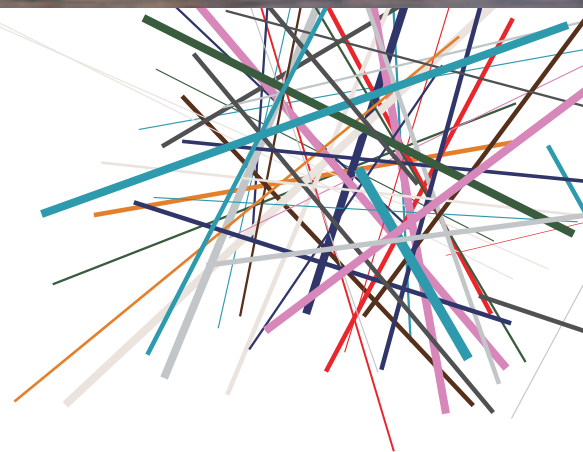


These models are not available in certain areas.





## Desktop Audio & Micro Component Systems



## Music in Living Color

Yamaha's Desktop Audio and Micro Component System lineup offers a wide variety of convenient ways to enjoy your iPod, led by the colorful MCR-040/MCR-140 models. With a choice of 10 colors, you can make a fashion statement (looks cool!) as well as a musical statement (sounds great!).

## TSX-80

### Desktop Audio System

Perfect for the bedroom and great in the kitchen or lounge, the TSX-80 has the power and performance to bring your iPod to life.

- iPod / iPhone compatibility
- Ergonomic, intuitive "Touch Smart" controls
- FM tuner built-in
- IntelliAlarm (beep, radio or iPod/iPhone)
- Powerful 3-speaker design with SR-Bass woofer



Ivory



Dark Purple



Light Blue

## TSX-70

### Desktop Audio System

Styled for contemporary living but with a nod to classic retro design, TSX-70 delivers Concert Quality Sound anywhere in the home.

- iPod / iPhone compatibility
- Ergonomic, intuitive "Touch Smart" controls
- FM tuner built-in
- IntelliAlarm (beep, radio or iPod/iPhone)
- Powerful 3-speaker design with SR-Bass woofer



Dark Blue



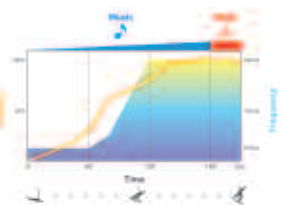
Beige



Brown

### IntelliAlarm

Ease into your day with a new approach to waking up. Yamaha's new IntelliAlarm wakes you gently with the audio source of your choosing, first filtering out uncomfortable high frequencies, then gradually restoring the full audio spectrum before beeping to ensure you are awake. This function makes waking experience as comfortable as possible.



## TSX-130

### Desktop Audio System

Enjoy music from all your favorite sources with this attractive all-in-one audio system.

- Connect USB players/devices via port on top panel to play MP3 and WMA tracks.
- CD player and 30-station preset FM tuner
- Convenient flat top panel made of real wood
- 15W x 2 power output
- The flat top design does not waste space — you can put your keys, eyeglasses, mobile phone, etc. on it.



Black



White

## TSX-120

### Desktop Audio System

Enjoy richer, more powerful music from your iPod. Listen to portable audio players and FM radio, too.

- Mini jack input for connecting portable audio player
- 30-station preset FM tuner
- Convenient flat top panel made of real wood
- 15W x 2 power output



White



Black

- iPod / iPhone not included with TSX-130, TSX-120, PDX-50 and PDX-30.



White

Black

## EPH-50

### Inner Ear Headphones

Don't settle for the ordinary sound of supplied headphones. Enjoy ultra clear and detailed sound with a perfect fit and high class design.

- Large  $\Phi$ 13.6mm driver unit for dynamic output with strong bass
- Three earpiece sizes to ensure the best fit
- High quality materials and luxurious design
- Smart Cable Holder keeps excess cable out of your way
- Weight: 5 g (without cable); 11 g (with cable)



White

Black

## EPH-30

### Inner Ear Headphones

Experience Yamaha natural soundquality from high performance headphones that fit snugly in your ear.

- Clear soundstage with rich bass reproduction
- Three earpiece sizes to ensure the best fit
- High quality materials and luxurious design
- 1.2m asymmetric cable with gold-plated connector
- Weight: 3 g (without cable); 11 g (with cable)





## PDX-50

### Portable Player Dock

The best way to enjoy your iPod/iPhone at home – the highest sound quality, the most convenience.

- Keep your iPod/iPhone handy while hearing music from a powerful speaker in a different location.
- AirWired technology uses lossless (uncompressed) signal transmission to achieve wireless sound quality that is as good as wired

AirWired



Wireless Transmitter and Charging Cradle



Speaker Blue



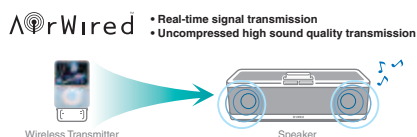
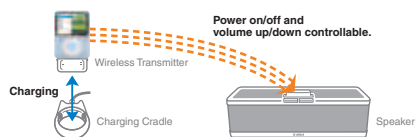
Black



Gray



Pink



## PDX-30

### Portable Player Dock

Portable dock for iPod/iPhone fans who want to enjoy much higher sound quality with powerful, clear bass output.

- 15W x 2 high power output and two large 8cm speaker units for dynamic bass response ensure that you will enjoy powerful, clean sound from your iPod/iPhone music library.

Made for iPod



Gray



Black



Blue



Pink

These models are not available in certain areas.



## EPH-20

### Inner Ear Headphones

High sound quality with a choice of three sizes and five colors. (Black, brown, blue, pink and green)

- Three earpiece sizes to ensure the best fit
- High quality materials and luxurious design
- Available in five colors: black, brown, blue, green and pink
- 1.2m non-tangle elastomer cable with L-type connector
- Weight: 3 g (without cable); 10 g (with cable)





Pink

## MCR-040

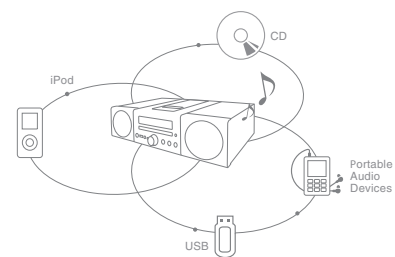
Micro Component System

[CD Receiver: CRX-040]

- iPod Dock on top panel
- USB port for direct access to MP3 or WMA tracks on USB devices
- Front panel mini jack
- Audio CD, MP3 CD and WMA CD playback



- FM tuner built-in
  - VCCS (Vibration Control Cabinet Structure) Technology provides excellent vibration isolation performance.
  - 15 W x 2 power output
- [Speaker System: NS-BP80]
- Advanced YST Technology



Choice of 10 Colors (MCR-040 / MCR-140)



Red



White



Brown



Light Blue



Dark Blue

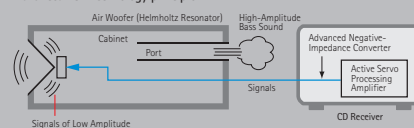
- iPod not included with MCR-040 and MCR-140.

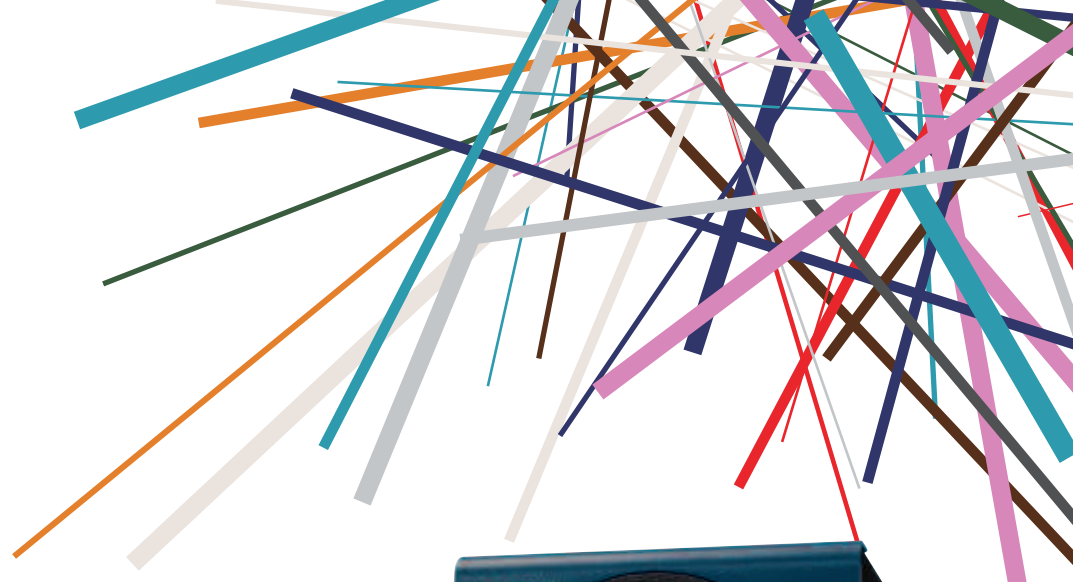
### Advanced YST Technology Delivers Big Bass Sound

Advanced Yamaha Active Servo Technology (YST) is a major reason for the high performance of Yamaha speakers, and is especially suited for small speakers. The CD receiver and speakers work together, using negative impedance drive to produce small low-frequency signals, which are enhanced to large outputs by the precisely designed speaker cabinet and port. The result is powerful, accurate bass that seems to be coming from a much larger speaker.



Advanced YST Technology principle





Wireless Transmitter

Dark Blue

## MCR-140

Micro Component System

[CD Receiver: CRX-140]

- AirWired technology for wireless operation
- USB port for direct access to MP3 or WMA tracks on USB devices
- Front panel mini jack
- Audio CD, MP3 CD and WMA CD playback

- FM tuner built-in
  - VCCS (Vibration Control Cabinet Structure) Technology
  - 15 W x 2 power output
- [Speaker System: NS-BP80]
- Advanced YST Technology



AirWired

SWK-W10

Optional Wireless Subwoofer Kit



AirWired



Pink



Dark Gray



Orange



Light Gray



Dark Green

These models are not available in certain areas.

### Wireless Operation of iPod and Subwoofer

AirWired technology lets you enjoy your iPod music with dynamic sound through the powerful speakers via a wireless connection.

In addition, the MCR-140 makes it easy to enjoy more powerful bass sound wirelessly by adding a subwoofer via the optional Wireless Subwoofer Kit.

AirWired

iPod with Transmitter



AirWired

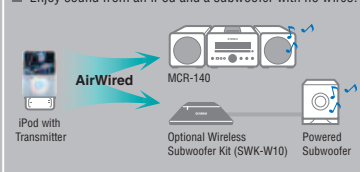
MCR-140



#### Yamaha original wireless technology

- Remote control from an iPod
  - Automatic power on/off & automatic volume control
- Uncompressed wireless audio transmission (linear PCM)
- Real-time communication
  - Audio and video synchronization

Enjoy sound from an iPod and a subwoofer with no wires!



- iPod charges when placed with transmitter into the CD Receiver cradle.

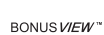




## MCR-940

Micro Component System

- [R-840 Receiver]
- [BD-940 Blu-ray Disc Player]
- First micro component Blu-ray Disc player
- 1080p/24Hz-compatible HDMI video output
- HDMI CEC functionality
- [NS-BP300 Speakers]



• The R-840 receiver and players are available with black and silver finish. The NS-BP300 speakers are available with Piano Black and Piano White finish. • iPod not included with MCR-940, MCR-840 and MCR-640.

### A New Style of Audio Excellence.

Yamaha PianoCraft systems have a high reputation for audio and design excellence. However, our goal for these three Micro Component Systems was to maintain and even exceed previous levels of sound quality. We achieved this by concentrating the outstanding audio performance capabilities of our premier separate components into the small units of a micro component system. We thus remained true to the Yamaha commitment to deliver sound that faithfully reproduces the natural rhythmic feeling and rich expressiveness of musical instruments and the human voice.

### Top-Class Analog Amplifier

The R-840 is an exceptionally high performance analog amplifier that delivers Yamaha's traditional high analog sound quality. Key parts are both large and discrete. Through optimization of pattern wiring and the placement of the power supply and other components, a high S/N ratio has been achieved. The large aluminum-extruded heat sink effectively dissipates heat to maintain the high performance for long periods.



Power Amplifier Board with Aluminum-Extruded Heat Sink

## MCR-840

Micro Component System



### [R-840 Receiver]

- 65W x 2 high power output
- Discrete amplifier configuration, advanced electronic volume
- Pure Direct • 30-station FM tuning

### [DVD-840 DVD Player]

- 1080p-compatible HDMI output
- 192kHz/24-bit audio DAC
- Short signal routing and high quality parts
- USB port (USB device charges even in standby)

### [NS-BP300 Speakers]

- Elegant and environmentally friendly Yamaha Piano Finish
- VCCS (Vibration Control Cabinet Structure) technology
- Anti-vibration feet to prevent additional oscillation



## MCR-640

Micro Component System



### [R-840 Receiver]

### [CD-640 CD Player]

- Extremely sophisticated circuitry and layout
- Short signal paths and high quality parts
- Differential D/A Converter
- USB port (USB device charges even in standby)

### [NS-BP300 Speakers]



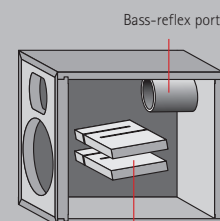
These models are not available in certain areas.

### New Mechanism and Circuitry

The MCR-940, MCR-840 and MCR-640 come supplied with a Blu-ray Disc Player, a DVD Player and a CD Player, respectively. Like the receiver, each of these players uses new parts and circuitry that enable them to achieve excellent audio quality within a compact chassis. Some of their advanced technologies include short signal path, one-point earth and heat dissipation design.

### VCCS (Vibration Control Cabinet Structure) Technology

Speaker cabinet vibration will affect the sound, usually for the worse. Simply adding internal reinforcements and conventional damping materials is ineffective. Yamaha solved the problem with VCCS, which uses strategically positioned composite material whose shapes, positions and angles were arrived at after a long process of experimentation, as well as a special foam rubber material that provides excellent vibration isolation performance.



Strategically positioned composite material

A brilliant combination of Yamaha technology for high sound quality packed into micro component systems.  
Outstanding bass sound from compact body.



## MCR-330

Micro Component System



- Convenient system control capability
- iPod direct docking via top panel universal dock
- USB port on top panel
- High quality CD player with CD Text display
- Superb reception FM tuner with handy functions
- 20W x 2 Minimum RMS output power (6 ohms)
- Subwoofer out for adding a subwoofer
- Aluminum front panel and knobs
- 2-way bass-reflex speakers
- Outstanding powerful bass sound from compact body
- Gold-plated screw-type speaker terminals



The MCR-330 offers versatile color combinations: silver center unit + Piano Black speakers (large); black center unit + Piano Black speakers, silver center unit + Piano White speakers and black center unit + Piano White speakers (depending on areas).

## MCS-1330

Mini Component System

- Slimmest (60mm height) Receiver and CD Player
- Stack either on top for the look you prefer
- iPod direct docking via top panel universal dock
- Easy, user-friendly design: linked power on
- 70W x 2 Dynamic power (8 ohms)
- Pure Direct
- Aluminum front panel and knobs
- USB Port on CD Player front panel
- Burr-Brown DAC (DSD1791), the same used in top-class components
- Clear sound balance: 13cm aluminum cone woofer and 2.5cm soft dome tweeter
- VCCS (Vibration Control Cabinet Structure) technology
- Gold-plated screw-type speaker terminals







## MCR-230

Micro Component System



- Convenient system control capability
- iPod direct docking via top panel universal dock
- USB port on top panel
- High quality CD player with CD Text display
- Superb reception FM tuner with handy functions
- 20W x 2 Minimum RMS output power (6 ohms)
- Subwoofer out for adding a subwoofer
- Aluminum front panel and knobs
- 2-way bass-reflex speakers
- Outstanding powerful bass sound from compact body



Looking at the speaker, you can't imagine the powerful, well balanced sound. Yamaha creates exceptional bass from a small baffle board and a deep cabinet that acts like a bass drum. It's all the result of things we've learned from decades of making musical instruments.



Bass drum: YAMAHA DAXDAD



The MCR-230 offers with Silver and Black finish.

The Mini Component System unlike any other. Not only do the two components have slim, contemporary styling with excellent audio performance, but the speakers are truly exceptional — they could be used with any premier-class audio system. Audition them and be amazed!



The MCS-1330 offers with Piano Black and White finish (same process as used on Yamaha grand pianos).



The prestigious EISA (European Imaging and Sound Association) Awards are chosen by media representatives from 18 European countries.



## HiFi Components & Speakers



### Tradition Asserts Itself.

Yamaha's newest HiFi components have a decades-long tradition of audio excellence to uphold, and they do so admirably. Quite simply, these are components for the audio connoisseur...or for anyone who wants to experience truly fine musical quality.





## A-S2000

Integrated Amplifier

- I/O (input to output) Direct Symmetrical Design
- Full-stage balanced signal transmission
- Floating balanced power amp
- Fully balanced control amp
- Three parallel balanced volume and tone controls
- Four large capacity power supplies for power amp
- Shunt type local regulators for preamplifier
- Discrete headphone amp for low-impedance drive
- Discrete phono amp with high-precision head amp and equalizer amp
- Specially designed feet



Black finish available.



## CD-S2000

Compact Disc Player

- Full-stage balanced signal transmission achieves the ultimate in CD reproduction
- Full-stage balanced signal transmission begins from DAC
- Independent power supplies with digital and analog sections completely separate
- Exclusive Yamaha Loading Mechanism with superior quietness and high precision CD Drive
- Heavy-duty construction
- Specially designed feet
- Pure Direct
- Super sound from Super Audio CDs



Black finish available.





## A-S1000

Integrated Amplifier

- I/O (input to output) Direct Symmetrical Design
- Floating balanced power amp
- Three parallel volume and tone controls
- Four large capacity power supplies for power amp
- Shunt type local regulators for preamplifier
- Discrete headphone amp for low-impedance drive
- Specially designed feet



Black finish available.



## A-S700

Integrated Amplifier

ToP-ART<sup>™</sup> CD Direct Amplification  
Total Purity Audio Reproduction Technology

- ToP-ART (Total Purity Audio Reproduction Technology)
- I/O (input to output) Direct Symmetrical Design with top-quality parts, ART (Anti-Resolution and Tough) Base and solid center bar
- CD Direct Amplification
- Pure Direct
- High dynamic power, low-impedance drive capability
- Gold-plated input terminals
- Aluminum front panel and knobs
- Rec out selector



Black finish available.



## CD-S1000

Compact Disc Player



- Balanced signal transmission from DAC
- Transformer with isolated digital, analog, motor drive and display sections to prevent noise
- Symmetrical circuitry using independent left and right power supply circuits
- Exclusive Yamaha Loading Mechanism with superior quietness and high precision CD Drive
- Heavy-duty construction
- Specially designed feet
- Pure Direct
- Super sound from Super Audio CDs



Black finish available.



## CD-S700

Compact Disc Player



- Exclusive Yamaha Loading Mechanism with superior quietness and high precision CD Drive
- Differential D/A converter for high conversion precision with low noise
- Independent-structure power unit
- Pure Direct
- USB port on front panel
- MP3 and WMA disc playback compatibility
- Gold-plated output terminals
- Aluminum front panel



Black finish available.

### Full-Stage Balanced Signal Transmission

Balanced transmission is an ideal amplification method, eliminating the sound quality degradation caused by noise. If it is only partially adopted, however, it will be largely ineffective. The amplifiers are offering full stage balanced transmission, combining high power output with good sound texture and outstanding S/N performance.



### Floating Balanced Power Amplifier

This method completely isolates the plus and minus sides of the left and right channels of both the NFB (Negative Feed Back) and power supplies, achieving perfectly symmetrical operation in the output stage. The use of four sets of floating power supply units (not connected to earth), provides further operating precision. The result is very low levels of noise and distortion for exceptionally pure and transparent sound quality.



## CD-S300

Compact Disc Player

- Extremely sophisticated circuitry and layout
- Short signal paths
- High quality parts
- High performance DAC for high conversion precision with low noise
- Intelligent Digital Servo
- Pure Direct
- MP3 and WMA compatibility
- USB port on front panel for iPod and other devices
- iPod compatibility



Black finish available.



## T-S1000

Tuner

- Superior construction with heavy chassis, aluminum front panel and wood side panels
- Top quality parts used in all circuitry
- 40-station AM/FM preset tuning
- 2-line, 16-character display
- Extra heavy, vibration-damping feet
- Design matches that of the A-S2000/CD-S2000 and A-S1000/CD-S1000



Black finish available.



## CD-C600

Compact Disc Changer

PLAYXCHANGE™



- Yamaha's Exclusive PlayXchange
- Full opening disc tray for changing 5 discs at a time
- Pure Direct
- Extremely sophisticated circuitry and layout for short signal paths
- High performance DAC
- MP3 and WMA compatibility
- USB port on front panel
- iPod compatibility
- RS-232C interface and IR in/out



Black finish available.



## T-S500

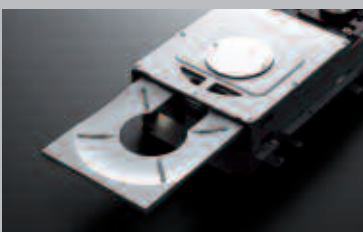
Tuner

- 40-station AM/FM preset tuning
- Auto FM station memory
- Multi-status station memory
- 2-line, 16-character (5 x 7 dot matrix) display



Black finish available.

These models are not available in certain areas.



### Exclusive Yamaha Loading Mechanism with Superior Quietness and High Precision CD Drive

The mechanism that picks up the signal is actually analog, even during the digital reproduction of a CD. So the quality of the precision of the drive mechanism has a significant impact on the precision of the subsequent digital signal, and on the final sound. The CD-S2000 uses the Exclusive Yamaha Loading Mechanism with superior quietness that solidly supports the CD drive, and a highly reliable brushless spindle motor. The aluminum disc tray provides a luxurious touch matched to the superb sound quality.



## RX-797

Stereo Receiver

ToP-ART™  
Total Purity Audio Reproduction Technology

CD Direct  
Amplification

- 100W x 2 (RMS), 145W x 2 (Max) high power output
- ToP-ART (Total Purity Audio Reproduction Technology)
- Switchable CD Direct Amplification
- Pure Direct for short and direct signal path
- High dynamic power, low-impedance drive capability
- Multi-zone control capability with dedicated zone remote unit



Titanium finish available.



## AX-497

Integrated Amplifier

ToP-ART™  
Total Purity Audio Reproduction Technology

CD/DVD Direct  
Amplification

- 85W x 2 (RMS), 130W x 2 (Max) high power output
- ToP-ART (Total Purity Audio Reproduction Technology)
- Switchable CD/DVD Direct Amplification
- Pure Direct for short and direct signal path
- High dynamic power, low-impedance drive capability
- Rec out selector



Titanium finish available.



## CDX-497

Compact Disc Player

CD

- CD-R/RW, MP3 and WMA disc playback
- Numerous convenient functions: 40-track programmable play, random play, and A-B, single track and entire disc repeat
- Intelligent Digital Servo
- Optical and coaxial digital outputs
- Front panel headphone jack



Titanium finish available.



## RX-497

Stereo Receiver

- 75W x 2 (RMS), 115W x 2 (Max) high power output
- Pure Direct for short and direct signal path
- Discrete amplifier configuration
- High dynamic power, low-impedance drive capability



Titanium finish available.



## AX-397

Integrated Amplifier

CD/DVD Direct  
Amplification

- 60W x 2 (RMS), 100W x 2 (Max) high power output
- Switchable CD/DVD Direct Amplification
- Super Audio CD and DVD-Audio ready with extended frequency response
- High dynamic power, low-impedance drive capability



Titanium finish available.



## TX-497

Stereo Tuner

- 40-Station FM/AM random access preset tuning
- Auto FM station memory and preset editing (Auto station memory)
- Direct PLL IF count synthesizer tuning
- Absolute Linear Phase IF Amplifier circuitry



Titanium finish available.



## RX-397

Stereo Receiver

- 50W x 2 (RMS), 85W x 2 (Max) high power output
- Pure Direct for short and direct signal path
- Discrete amplifier configuration
- High dynamic power, low-impedance drive capability



Titanium finish available.

ToP-ART™  
Total Purity Audio Reproduction Technology

### ToP-ART (Total Purity Audio Reproduction Technology)

When processing and transmission of the audio signal is simple and direct there is less chance of it being affected by noise and distortion. Yamaha's amplifier design technology called ToP-ART features I/O (input to output) Direct Symmetrical Design, with left and right channels organized in a straight, symmetrical layout for highest signal purity.

CD/DVD Direct  
Amplification

### CD/DVD Direct Amplification

Engaged by a front panel switch, it matches CD signal levels so each stage produces less noise, resulting in improved S/N ratio and maintenance of the amp's total gain balance.



Yamaha is a world leader in the field of professional audio equipment. You will see our products in many of the world's top recording studios and music venues. We draw on this technology and experience in developing our karaoke components, giving them extremely high performance capabilities. They also include advanced features like our popular Echo Modes. For karaoke, Yamaha is the best choice.



### KMA-700

Karaoke Mixing Amplifier

- Yamaha professional amplifier technology ensures firm, tight vocal range output
- Yamaha original Echo Modes (REV100 Karaoke Echo)
- Four large rotary-encoder knobs with LEDs on volume knob
- Numerous inputs (5 mic/4 audio/3 video)
- Pro studio-type design, durable body
- Output Power: 125 W x 2 • Mic Inputs: 3 (front) / 2 (rear) • Audio/Video Input Terminals: 4/3 • Echo Modes: 3 (Normal/Wide/Spacious) • Dimensions (W x H x D): 435 x 149 x 428 mm • Weight: 10.5 kg



### KMA-500

Karaoke Mixing Amplifier

- Yamaha professional amplifier technology ensures firm, tight vocal range output
- Yamaha original Echo Modes (REV100 Karaoke Echo)
- Four large rotary-encoder knobs with LEDs on volume knob
- Numerous inputs (4 mic/3 audio/2 video)
- Pro studio-type design, durable body
- Output Power: 100 W x 2 • Mic Inputs: 2 (front) / 2 (rear) • Audio/Video Input Terminals: 3/2 • Echo Modes: 2 (Normal/Wide) • Dimensions (W x H x D): 435 x 149 x 428 mm • Weight: 10 kg



### KMS-910

Karaoke Speakers

- Yamaha's highly advanced speaker technology ensures the highest levels of sound quality and long-term reliability
- Specially developed for best performance in the vocal range
- Pro studio design with durable body
- Type: 2-way bass-reflex with magnetic shielding • Woofer: 25cm cone
- Tweeter: 7.7cm cone • Frequency response: 55Hz-20kHz • Nominal/maximum input power: 150W/450W • Sensitivity: 90dB/2.83V/1m
- Dimensions (W x H x D): 501 x 320 x 318 mm • Weight: 12.2 kg/unit



### KMS-710

Karaoke Speakers

- Yamaha's highly advanced speaker technology ensures the highest levels of sound quality and long-term reliability
- Specially developed for best performance in the vocal range
- Pro studio design with durable body
- Type: 2-way bass-reflex with magnetic shielding • Woofer: 20cm cone
- Tweeter: 7.7cm cone • Frequency response: 60Hz-20kHz • Nominal/maximum input power: 80W/240W • Sensitivity: 90dB/2.83V/1m
- Dimensions (W x H x D): 452 x 259 x 284 mm • Weight: 8 kg/unit



### DM-305

Microphones

- Rich, Clear Vocal Characteristics
- Exclusive Body Design
- Pro studio design with durable body
- Microphone Unit: Dynamic • Polar Pattern: Super Cardioid
- Frequency response: 40Hz-18kHz • Connector: 3 pin XLR-M type • Cable: Φ6mm x 5m balanced cable with XLR-F type connector and 6.3mm plug • Dimensions (Microphone Only): Φ54 mm x 178 mm • Weight (Microphone Only): 325 g



### DM-105

Microphones

- Rich, Clear Vocal Characteristics
- Exclusive Body Design
- Pro studio design with durable body
- Microphone Unit: Dynamic • Polar Pattern: Unidirectional
- Frequency response: 40Hz-15kHz • Connector: 3 pin XLR-M type • Cable: Φ6mm x 5m balanced cable with XLR-F type connector and 6.3mm plug • Dimensions (Microphone Only): Φ51 mm x 169 mm • Weight (Microphone Only): 220 g

# Soavo



**Soavo-1**  
3-Way Bass-Reflex Floorstanding Speakers



**Soavo-2**  
2-Way Bass-Reflex Bookshelf Speakers  
• Speaker stands are optional (SPS-900).



**Soavo-900C**  
2-Way Bass-Reflex Center Speaker



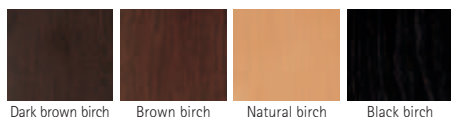
**Soavo-900M**  
2-Way Bass-Reflex Speakers



**Soavo-900SW**  
Advanced YST II and Front Firing Subwoofer



**SPS-900**  
Optional Speaker Stands for Soavo-2  
• 360 x 415 mm (base), 603 mm (height), 6.5kg/unit



Dark brown birch   Brown birch   Natural birch   Black birch

The Soavo Series are offered with dark brown birch, brown birch, natural birch, or black birch finish available.  
• Soavo colors vary depending on area.



**Soavo-1 Piano Black Finish**

This glossy, lustrous black finish is applied using the same techniques developed over many decades of manufacturing beautiful grand pianos. It provides a perfect visual complement to the smooth, rich sound you enjoy from the speakers.

The NS-700 speakers feature a clean, transparent sound and robust bass response. With the same Piano Black finish as Yamaha grand pianos, they look elegant as well.



**NS-F700**  
3-Way Bass-Reflex Floorstanding Speakers



**NS-B750**  
2-Way Bass-Reflex Bookshelf Speakers



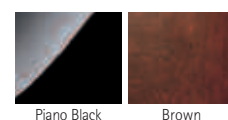
**NS-C700**  
2-Way Acoustic Suspension Centre Speaker



**NS-B700**  
2-Way Acoustic Suspension Speakers



**NS-SW700**  
Advanced YST II and QD-Bass Subwoofer



The NS-700 Series are offered with Yamaha Piano Black finish and Brown open pore finish available.



## EF Series



**NS-C444**  
2-Way Acoustic Suspension Center Speaker



**NS-333**  
2-Way Bass-Reflex Speakers



**NS-555**  
3-Way Bass-Reflex Floorstanding Speakers



**NS-777**  
3-Way Bass-Reflex Floorstanding Speakers

## NS-310 Series



**NS-C310**  
2-Way Acoustic Suspension Center Speaker



**NS-B310**  
Full-Range Acoustic Suspension Speakers



**NS-SW310**  
Advanced YST II Subwoofer  
 Advanced Y.S.T



**NS-F310**  
2-Way Bass-Reflex Floorstanding Speakers

The NS-310 Series are offered with Brown, Black and Birch finish available.

## NS-210 Series



**NS-C210**  
2-Way Bass-Reflex Center Speaker



**NS-B210**  
Full-Range Acoustic Suspension Speakers



**NS-SW210**  
Advanced YST II Subwoofer  
 Advanced Y.S.T



**NS-F210**  
2-Way Bass-Reflex Floorstanding Speakers

The NS-210 Series are offered with Piano Black, Piano White, Brown and Black finish available.

## 8900 Series



### NS-P8900

Center and Surround Channel Speaker Package

The NS-8900 Series are offered with Black and Cherry finish available.



### NS-8900

2-Way Bass-Reflex Floorstanding Speakers

## 7900 Series



### NS-7900

2-Way Bass-Reflex Floorstanding Speakers

The NS-7900 Series are offered with Dark Cherry, Cherry, Rosewood and Black finish available.



### NS-P7900

Center and Surround Channel Speaker Package

## HT Series



### NS-P60

Center and Surround Channel Speaker Package

The HT Series are offered with Black and Cherry finish available.



### NS-50F

2-Way Bass-Reflex Floorstanding Speakers



### NS-8390

3-Way Bass-Reflex Floorstanding Speakers



### NS-7390

3-Way Bass-Reflex Floorstanding Speakers

## Package Speakers



### NS-P380

5.1-Channel Speaker Package



### NS-P285

5.1-Channel Speaker Package



### SPS-90

Floorstanding Speaker Stands for NS-P380 and NS-P285

• Dimensions (W x H x D): 230 x 910–1,200 (height adjustment) x 230 mm • Weight: 2.2 kg/unit

These models are not available in certain areas.




**Soavo-900SW**   
Advanced YST II and  
Front Firing Subwoofer



Dark Brown Birch, Brown Birch, Natural  
Birch and Black Birch finish available.




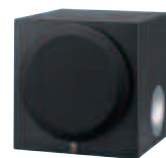
**YST-RSW300**   
Advanced YST II and  
Front Firing Subwoofer




Black and Cherry  
finish available.



**YST-SW216**   
Advanced YST II and  
Front Firing Subwoofer



**YST-SW012**   
Advanced YST II and  
Front Firing Subwoofer



Black, Walnut, Cherry and  
Silver finish available.



**NS-SW700**   
Advanced YST II and  
QD-Bass Subwoofer



Piano Black and Brown  
finish available.




**YST-SW515**   
Advanced YST II and  
QD-Bass Subwoofer



Black and Cherry  
finish available.



**YST-SW315**   
Advanced YST and  
QD-Bass Subwoofer

Piano Finish




**YST-SW215**   
Advanced YST and  
QD-Bass Subwoofer

Piano Finish



Piano Finish

**YST-SW015**   
Advanced YST and  
QD-Bass Subwoofer



**YST-SW011**   
Advanced YST II and  
QD-Bass Subwoofer



Black, Cherry and Silver  
finish available.



**YST-SW030**   
Advanced YST and  
QD-Bass Subwoofer



Black, Cherry and Silver  
finish available.




Piano Finish

**YST-FSW100**   
Advanced YST II and  
FD-Bass Subwoofer



Piano Black, Silver, Black and  
Cherry finish available.



**NS-SW310**   
Advanced YST II Subwoofer



Brown, Black and Birch  
finish available.




**NS-SW210**   
Advanced YST II Subwoofer



Piano Black, Piano White, Brown and  
Black finish available.




**YST-FSW150**   
Advanced YST II and Down-Firing  
Rack Mountable Subwoofer



Black and Silver finish  
available.



**YST-FSW050**   
Advanced YST II and Down-Firing  
Rack Mountable Subwoofer



Black and Silver finish  
available.





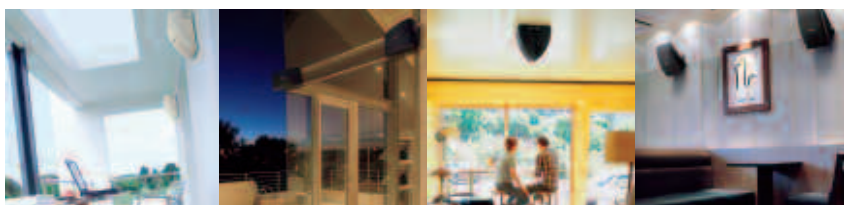
**NS-AW992**  
All-Weather Speakers



**NS-AW592**  
All-Weather Speakers



**NS-AW392**  
All-Weather Speakers



The all-weather speakers are offered with white and black finish available.

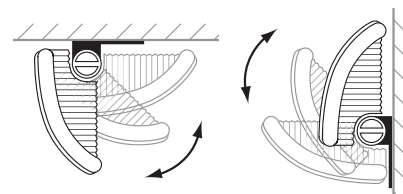
### All-Weather Construction

With a plastic cabinet and specially processed woofer and tweeter, these speakers will perform reliably when mounted outdoors. They are water resistant, and are not affected by sunlight (UV rays) or high or low temperatures. The brackets have a powder coating for reliable waterproofing.



### Various Installation Possibilities

The bracket that comes with each speaker can be adjusted in multiple ways, providing a wide variety of installation possibilities. On the wall, on the ceiling, on the floor, with either end facing up, or even horizontally, with a 90° adjustment range. Virtually any way the customer wants to install them is possible.



These models are not available in certain areas.

<b>DSP-Z11:</b> <b>40 Surround (33 DSP) Programs</b>	
<b>Compatible Decoding Formats</b>	
	Dolby Digital Dolby Digital EX Dolby Digital Plus Dolby Digital TrueHD DTS Digital Surround DTS-ES Matrix 6.1 DTS-ES Discrete 6.1 DTS 96/24 DTS-HD High Resolution Audio DTS-HD Master Audio Dolby Pro Logic Dolby Pro Logic II Music Dolby Pro Logic II Movie Dolby Pro Logic II Game Dolby Pro Logic IIx Music Dolby Pro Logic IIx Movie Dolby Pro Logic IIx Game DTS Neo:6 Music DTS Neo:6 Cinema
<b>CINEMA DSP Programs</b>	
CLASSICAL1	Hall in Munich A
	Hall in Munich B
	Hall in Frankfurt
	Hall in Stuttgart
	Hall in Vienna
CLASSICAL2	Hall in Amsterdam
	Hall in USA A
	Hall in USA B
	Chamber
	Church in Tokyo
LIVE/CLUB	Church in Freiburg
	Church in Royaumont
	Village Gate
	Village Vanguard
	The Bottom Line
STEREO	Cellar Club
	The Roxy Theatre
	Warehouse Loft
	Arena
	11 Channel Stereo
MOVIE	Standard
	Spectacle
	Sci-Fi
	Adventure
	Drama
ENTERTAINMENT	Mono Movie
	Sports
	Music Video
	Recital/Opera
	Pavilion
CINEMA DSP Subtotal	Disco
	Action Game
	Roleplaying Game
	33
<b>THX Programs</b>	
THX	Surround EX
	Ultra2 Cinema
	Cinema
	Ultra2 Music
	Music
THX Subtotal	Ultra2 Games
	Games
	7
	<b>Program Total</b> 40

<b>DSP-Z7 / RX-V3900:</b> <b>22 DSP Programs</b>	
<b>Compatible Decoding Formats</b>	
	Dolby Digital Dolby Digital EX Dolby Digital Plus Dolby Digital TrueHD DTS Digital Surround DTS-ES Matrix 6.1 DTS-ES Discrete 6.1 DTS 96/24 DTS-HD High Resolution Audio DTS-HD Master Audio Dolby Pro Logic Dolby Pro Logic II Music Dolby Pro Logic II Movie Dolby Pro Logic II Game Dolby Pro Logic IIx Music Dolby Pro Logic IIx Movie Dolby Pro Logic IIx Game DTS Neo:6 Music DTS Neo:6 Cinema
<b>CINEMA DSP Programs</b>	
CLASSICAL1	Hall in Munich A
	Hall in Vienna
	Hall in Amsterdam
CLASSICAL2	Church in Freiburg
	Chamber
LIVE/CLUB	Village Vanguard
	Warehouse Loft
	Cellar Club
	The Roxy Theatre
	The Bottom Line
STEREO	7 Channel Stereo
MOVIE	Standard
	Spectacle
	Sci-Fi
	Adventure
	Drama
ENTERTAINMENT	Mono Movie
	Sports
	Action Game
	Roleplaying Game
	Music Video
CINEMA DSP Subtotal	Recital/Opera
	22
<b>Program Total</b> 22	

<b>RX-V2065 / RX-V1065 / RX-V767 / RX-V667</b> <b>17 DSP Programs</b>	
<b>Compatible Decoding Formats</b>	
	Dolby Digital Dolby Digital EX Dolby Digital Plus Dolby Digital TrueHD DTS Digital Surround DTS 96/24 DTS-ES Matrix 6.1 DTS-ES Discrete 6.1 DTS-HD High Resolution Audio DTS-HD Master Audio Dolby Pro Logic Dolby Pro Logic II Music Dolby Pro Logic II Movie Dolby Pro Logic II Game Dolby Pro Logic IIx Music Dolby Pro Logic IIx Movie Dolby Pro Logic IIx Game DTS Neo:6 Music DTS Neo:6 Cinema
<b>CINEMA DSP Programs</b>	
CLASSICAL	Hall in Munich
	Hall in Vienna
	Chamber
LIVE/CLUB	Cellar Club
	The Roxy Theatre
	The Bottom Line
STEREO	7 Channel Stereo
MOVIE**	Standard
	Spectacle
	Sci-Fi
	Adventure
	Drama
ENTERTAINMENT	Mono Movie
	Sports
	Action Game
	Roleplaying Game
	Music Video
<b>CINEMA DSP Subtotal</b> 17	
<b>Program Total</b> 17	
** RX-V767/RX-V667: MOVIE THEATER	

<b>RX-V567 / RX-V467:</b> <b>17 DSP Programs</b>	
<b>Compatible Decoding Formats</b>	
	Dolby Digital Dolby Digital EX Dolby Digital Plus Dolby Digital TrueHD DTS Digital Surround DTS 96/24 DTS-ES Matrix 6.1 DTS-ES Discrete 6.1 DTS-HD High Resolution Audio DTS-HD Master Audio Dolby Pro Logic Dolby Pro Logic II Music Dolby Pro Logic II Movie Dolby Pro Logic II Game Dolby Pro Logic IIx Music Dolby Pro Logic IIx Movie Dolby Pro Logic IIx Game DTS Neo:6 Music DTS Neo:6 Cinema
<b>CINEMA DSP Programs</b>	
MUSIC	Hall in Munich
	Hall in Vienna
	Chamber
	Cellar Club
	The Roxy Theatre
STEREO/ENHANCER	The Bottom Line
	Music Video
	7 Channel Stereo*
MOVIE	Standard
	Spectacle
	Sci-Fi
	Adventure
	Drama
CINEMA DSP Subtotal	Mono Movie
	Sports
	Action Game
	Roleplaying Game
	17
<b>Program Total</b> 17	
* RX-V467: 5 Channel Stereo	

<b>RX-V367 / HTR-3063:</b> <b>17 DSP Programs</b>	
<b>Compatible Decoding Formats</b>	
	Dolby Digital DTS Digital Surround Dolby Pro Logic Dolby Pro Logic II Music Dolby Pro Logic II Movie Dolby Pro Logic II Game
<b>CINEMA DSP Programs</b>	
MUSIC	Hall in Munich
	Hall in Vienna
	Chamber
	Cellar Club
	The Roxy Theatre
STEREO/ENHANCER	The Bottom Line
	Music Video
	5 Channel Stereo
MOVIE	Standard
	Spectacle
	Sci-Fi
	Adventure
	Drama
CINEMA DSP Subtotal	Mono Movie
	Sports
	Action Game
	Roleplaying Game
	17
<b>Program Total</b> 17	

## ● AV Amplifier/Receiver Comparison

Model	DSP-Z11	DSP-Z7	RX-V3900	RX-V2065	RX-V1065	RX-V767	RX-V667	RX-V567	RX-V467	RX-V367 / HTR-3063
Channels	11.2-channel	7.1-channel	7.1-channel	7.1-channel	7.1-channel	7.1-channel	7.1-channel	7.1-channel	5.1-channel	5.1-channel
RMS Output Power (8 ohms, 20 Hz-20 kHz) [THD]	140W x 7 + 50W x 4 [0.04%]	140W x 7 [0.04%]	140W x 7 [0.04%]	130W x 7 [0.08%]	105W x 7 [0.08%]	95W x 7 [0.08%]	90W x 7 [0.08%]	90W x 7 [6 ohms, 1 kHz] [0.9%]	105W x 5 [6 ohms, 1 kHz] [0.9%]	100W x 5 [6 ohms, 1 kHz] [0.9%]
Max Output Power (8 ohms, 1 kHz, 10% THD)	200W x 7 + 75W x 4	185W x 7	185W x 7	175W x 7	145W x 7	135W x 7	130W x 7	115W x 7 [6 ohms]	140W x 5 [6 ohms]	135W x 5 [6 ohms]
<b>Advanced Features</b>										
Network Functions	■	■	■	■						
HDMI (V.1.4 with 3D)						■	■	■ *	■ *	■ *
HDMI (V.1.4 with Audio Return Channel)						■	■	■	■	
iPod/iPhone Compatibility via Yamaha Universal Dock	■	■	■	■	■	■	■	■	■	
Wireless Connection for iPod/iPhone Compatibility via YID-W10						■	■			
Bluetooth Compatibility via Bluetooth® Wireless Audio Receiver	■ (after user update)	■	■	■	■	■	■	■	■	
USB Interface	■ (2 ports)	■ (2 ports)	■	■	■					
System Memory	■	■	■							
SCENE				■	■	■	■	■	■	■
FM/AM Tuner			■	■	■	■	■	■	■	■
YPAO Sound Optimization	■ (Advanced)	■ (Multi point)	■ (Multi point)	■	■	■	■	■	■	■
Web Browser Control	■	■	■							
Dialogue Lift	■	■	■	■	■	■	■			
Compressed Music Enhancer	■ (with straight enhancer)	■ (with straight enhancer)	■ (with straight enhancer)	■	■	■	■	■	■	■
Adaptive DRC (Dynamic Range Control)	■	■	■	■	■	■	■	■	■	
Initial Volume and Maximum Volume Setting	■	■	■			■	■	■	■	■
Audio Delay for Adjusting Lip-Sync	■ (0-240 ms)	■ (0-240 ms)	■ (0-240 ms)	■ (0-240 ms)	■ (0-240 ms)	■ (0-240 ms)	■ (0-240 ms)	■ (0-240 ms)	■ (0-240 ms)	■ (0-240 ms)
On-Screen Display	■ with GUI (6 lang.)	■ with GUI (6 lang.)	■ with GUI (6 lang.)	■ with GUI	■ with GUI					
Remote Control Unit	Learning/preset	Learning/preset	Learning/preset	Preset**	Preset**	Preset**	Preset	Preset	Preset	Preset
<b>High Sound Quality</b>										
HD Audio Format Decoding	■	■	■	■	■	■	■	■	■	
Digital ToP-ART / High Current Amplification	■	■	■	■	■					
192kHz/24-Bit DACs for All Channels	■ (Burr-Brown)	■ (Burr-Brown)	■ (Burr-Brown)	■ (Burr-Brown)	■ (Burr-Brown)	■ (Burr-Brown)	■ (Burr-Brown)	■ (Burr-Brown)	■ (Burr-Brown)	■ (Burr-Brown)
Dolby Digital TrueHD, DTS-HD Master Audio	■ (up to 192kHz)	■ (up to 192kHz)	■ (up to 192kHz)	■	■	■	■	■	■	
Dolby Digital EX, DTS-ES Discrete 6.1	■	■	■	■	■	■	■	■	■	
DTS 96/24, DTS Neo:6	■	■	■	■	■	■	■	■	■	
Dolby Pro Logic IIx	■	■	■			■	■	■	■	
Pure Direct	■ (Enable video)	■ (Enable video)	■ (Enable video)	■ (incl. bitstream)	■ (incl. bitstream)	■ (incl. bitstream)	■ (incl. bitstream)	Direct Mode	Direct Mode	
Low Jitter PLL Circuit	■	■ (Ultra)	■ (Ultra)	■		■	■			
Current Feedback Amplifier Circuit	■									
Digital System Clock Generator	■ (VCXO)	■	■							
Assignable Amplifiers for Bi-Amp	■	■	■	■	■	■	■	■		
Phono Input	■	■	■		■	■	■			
<b>High Picture Quality</b>										
1080p-Compatible HDMI	5 in/2 out	5 in/2 out ***	4 in/2 out ***	5 in/2 out ***	4 in/1 out	6 in /2 out ***	6 in/1 out	4 in/1 out	4 in/1 out	4 in/1 out
PReP™ (Progressive ReProcessing)		■	■							
Versatile Video Adjustment		■ (6 preset memories)								
Deep Color (30/36 Bit)	■	■	■	■	■	■	■	■	■	■
x.v.Color	■	■	■	■	■	■	■	■	■	■
24Hz Refresh Rate	■	■	■	■	■	■	■	■	■	■
Auto Lip-Sync Compensation	■	■	■	■	■	■	■	■	■	■
Analog to HDMI Upscaling	■	■	■	■	■	■	■	■		
HDMI to HDMI Upscaling	■	■	■	■						
Analog or HDMI to HDMI Downscaling	■	■								
Analog to HDMI Deinterlacing (480i/576i to 480p/576p)	■ (1080i to 1080p)	■ (1080i to 1080p)	■ (1080i to 1080p)	■ (1080i to 1080p)	■	■	■	■		
Full Analog Video Upconversion to HDMI	■ (with TBC)	■ (with TBC)	■ (with TBC)	■ (with TBC)	■ (with TBC)	■	■	■		
Component Video Upconversion	■	■	■	■	■					
<b>Surround Realism</b>										
DSP Program	33 (CINEMA DSP HD <sup>3</sup> )	22 (CINEMA DSP 3D)	22 (CINEMA DSP 3D)	17 (CINEMA DSP 3D)	17 (CINEMA DSP 3D)	17 (CINEMA DSP 3D)	17 (CINEMA DSP 3D)	17	17	17
HD Audio Decoding with CINEMA DSP						■	■	■	■	
Compressed Music Enhancer with CINEMA DSP						■	■	■	■	
THX Ultra2 Plus Surround Program	■ (7)									
Adaptive DSP Level	■	■	■	■	■	■	■	■	■	■
SILENT CINEMA / Virtual CINEMA DSP	■	■	■	■	■	■	■	■	■	■
<b>Extensive Connection / Multi-Zone Control</b>										
Front Panel Video Aux Terminals	HDMI/Optical/S-Video/USB	HDMI/Optical/S-Video/USB	Optical/S-Video/USB	USB	USB	HDMI	HDMI	Mini jack input	Mini jack input	Mini jack input
Multi-Channel External Input	8ch	8ch	8ch	8ch		8ch	8ch			
Preout Terminals	F/C/Sr/Sb/ Sw Out (x2)	F/C/Sr/Sb/ Sw Out (x2)	F/C/Sr/Sb/ Sw Out (x2)	F/C/Sr/Sb/ Sw Out (x2)	F/C/Sr/Sb/ Sw Out (x2)	F/C/Sr/Sb/ Sw Out (x2)	F/C/Sr/Sb/ Sw Out (x2)	Sw Out	Sb/ Sw Out	Sw Out
Sub Remote Control Unit	Simplified Remote	Simplified Remote	Simplified Remote	Simplified Remote						
Rec Out/Zone 2 Selector	■	■	■							
<b>Specifications</b>										
Dynamic Power/Channel (8/6/4/2 ohms, W)	185/230/290/385	170/205/265/345	170/205/265/345	160/200/260/330	140/175/205/250	130/165/195/240	125/160/190/230	-/100/110/125	-/110/130/150	-/105/130/150
Total Harmonic Distortion (20 Hz-20 kHz, CD)	0.02%	0.04%	0.04%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%
Signal-to-Noise Ratio (CD, 250 mV)	100 dB	100 dB	100 dB	100 dB	100 dB	100 dB	100 dB	100 dB	100 dB	98 dB
Dimensions (W x H x D, mm)	435 x 210 x 497	435 x 196 x 441	435 x 181 x 439	435 X 171 X 365	435 x 171 x 365	435 x 171 x 366	435 x 151 x 364	435 x 151 x 364	435 x 151 x 364	435 x 151 x 315
Weight	34 kg	19.6 kg	17.4 kg	12.4 kg	11.1 kg		10.5 kg	8.5 kg	8.4 kg	7.5 kg

\* HDMI 3D feature will be available via firmware update. \*\* Learning and preset remote unit for Korean model. \*\*\* Dual HDMI Simultaneous Out

## ● Blu-ray Disc Players

	BD-S1900	BD-S1065	BD-S667
Blu-ray Disc Playback	■	■	■
Supports BD-Live and BonusView	■	■	■
HDMI Interface	■ (1080p)	■ (1080p)	■ (1080p)
USB Port			1 / 1 (Front / Rear)
DLNA Client			■
Direct HD Audio Bitstream Output	■	■	■
MP3, JPEG, DivX and WMA Playback			■
Pure Direct	■		
x.v.Color and Deep Color Compatibility	■	■	■
HDMI CEC Functionality	■	■	■
On-Screen Display GUI	■	■	■
Audio DAC	192 kHz/24-bit	192 kHz/24-bit	192 kHz/24-bit
RS-232C Interface	■		
IR In/Out Ports	■	■	■
Signal-to-Noise Ratio (1kHz)	115 dB (BD/DVD/CD-DA)	115 dB (BD/DVD/CD-DA)	110 dB (BD/DVD/CD-DA)
Dynamic Range	105 dB (BD/DVD) / 100 dB (CD-DA)	105 dB (BD/DVD) / 100 dB (CD-DA)	100 dB (BD/DVD/CD-DA)
Harmonic Distortion + Noise (1kHz)	0.0028% (BD/DVD) / 0.003% (CD-DA)	0.0028% (BD/DVD) / 0.003% (CD-DA)	0.003% (BD/DVD/CD-DA)
Dimensions (W x H x D); Weight	435 x 96 x 316 mm; 4.6 kg	435 x 96 x 316 mm; 4.5 kg	435 x 86 x 257 mm; 3 kg

## ● Digital Sound Projector™ / Surround Sound TV Stand

Digital Sound Projector™	YSP-5100	YSP-4100
Beam Drivers	4cm x 40 (3 array)	4cm x 40 (3 array)
Woofers	11cm x 2	11cm x 2
Tweeters	2.5cm x 2 balanced-dome	
Digital Amplifier	120 W (2 W x 40 + 20 W x 2)	120 W (2 W x 40 + 20 W x 2)
IntelliBeam	■	■
7-Channel Output Capability	■	■
Beam Mode	5 Beam	■
	Stereo + 3 Beam	■
	3 Beam	■
	Stereo	■
	5 BeamPlus2	■
	Stereo + 3 BeamPlus2	■
CINEMA DSP	Movie	Sci-Fi / Spectacle / Adventure
	Music	Concert Hall / Jazz Club / Music Video
	Entertainment	Sports / Variety / Drama / Game / Multi Channel Stereo
HDMI Interface	4 in/1 out (1080p)	4 in/1 out (1080p)
Analog to HDMI Upconversion	■	■
HDMI CEC Functionality	■	■
AirWired	■	■
UniVolume	■	■
Adaptive DRC and Music Enhancer	■	■
iPod/iPhone connectability for remote unit	■	■
FM Tuner Built-In	■	■
Optional Bracket	SPM-K30	SPM-K30
Dimensions (W x H x D); Weight	1,200 x 212 x 90 mm; 11 kg	1,030 x 212 x 90 mm; 10 kg

Digital Sound Projector™ / Surround Sound TV Stand	YSP-3000	YRS-1000
Beam Drivers	4cm x 21 (2 array)	2.8cm x 16 (2 array)
Woofers	10cm x 2	8cm x 2
Subwoofer		13cm
Digital Amplifier	82 W (2 W x 21 + 20 W x 2)	62 W (2 W x 16 + 15 W x 2) + 50 W
IntelliBeam	■	■
On-Screen Display Languages	En/Fr/Ge/Sp/It/Du/Ru	En/Fr/Ge/Sp/It/Du/Ru
Beam Mode	5 Beam	■
	Stereo + 3 Beam	■
	3 Beam	■
	Stereo / 5ch Stereo	■ / -
	My Beam	■
	My Surround	■
CINEMA DSP	Movie	■
	Music	■
	Sports	■
HDMI Interface	2 in/1 out (1080p)	2 in/1 out (1080p)
FM Tuner Built-In	■	
Front Panel Mini Jack Input	■	
Compressed Music Enhancer	■	
SRS TruBass	On / Off	On / Off
Optional Bracket	SPM-K30	YTS-V1100
Dimensions (W x H x D); Weight	800 x 155 x 152 mm; 11.5 kg	1,160 x 500 x 415 mm; 43 kg



## ● Home Theater Packages

	YHT-5400	
Output Power	250W (50W x 3 + 100W subwoofer)	
System Frequency Response	35 Hz-20 kHz	
<b>Front Speaker System</b>	<b>NS-BR300</b>	
Drivers	Tri 4cm x 10cm cone drivers	
1080p-Compatible HDMI	3 in /1 out	
No Need for Additional Speaker	■	
AIR SURROUND XTREME	■	
Extended Stereo	■	
UniVolume	■	
HDMI CEC Functionality	■	
iPod Compatibility	■	
Bluetooth® Compatibility	■	
Compressed Music Enhancer	■	
FM Tuner Built-In	■	
Dimensions (W x H x D); Weight	800 x 50 x 70 mm; 1.5 kg	
<b>Subwoofer-Integrated Receiver</b>	<b>SR-300</b>	
Driver	13cm cone woofer	
Dimensions (W x H x D); Weight	435 x 151 x 361 mm; 8.6 kg	

## ● HiFi Components

Integrated Amplifiers		A-S2000	A-S1000	A-S700
Minimum RMS Output Power	(8 ohms, 20 Hz-20 kHz, 0.02% THD)	90 W + 90 W	90 W + 90 W	90 W + 90 W (0.019% THD)
Max Output Power	(8 ohms, 1 kHz, 10% THD)	120 W + 120 W	115 W + 115 W	145 W + 145 W
Dynamic Power per Channel	(8/6/4/2 ohms)	105/135/190/220 W	105/135/190/220 W	140/170/220/290 W
Frequency Response	(CD, etc)	5 Hz-100 kHz 0, -3 dB	5 Hz-100 kHz 0, -3 dB	10 Hz-100 kHz ±1 dB (CD Direct on)
Input Sensitivity	(CD, etc)	150 mV/47 k-ohms	150 mV/47 k-ohms	200 mV/47 k-ohms
RIAA Equalization Deviation	(Phono MC/MM)	20 Hz-20 kHz ±0.5 dB	20 Hz-20 kHz ±0.5 dB	20 Hz-20 kHz ±0.5 dB
Total Harmonic Distortion	(CD, etc to Sp out, 20 Hz-20 kHz)	0.015% (90 W/8 ohms)	0.015% (90 W/8 ohms)	0.012% (50 W/8 ohms)
Maximum Input Signal	(CD Bal, 1kHz, 0.5% THD)	2.8 V		
	(CD etc, 1kHz, 0.5% THD)	2.8 V	2.8 V	2.2 V
Signal-to-Noise Ratio	(CD, etc, Input Shorted)	98 dB (S: 150 mV)	98 dB (S: 150 mV)	110 dB (S: 200mV, CD Direct on)
Dimensions (W x H x D); Weight		435 x 137 x 465 mm; 22.7 kg	435 x 137 x 465 mm; 22 kg	435 x 151 x 382 mm; 10.9 kg

Integrated Amplifiers		AX-497	AX-397	
Minimum RMS Output Power	(8 ohms, 20 Hz-20 kHz, 0.019% THD)	85 W + 85 W	60 W + 60 W	
Max Output Power	(8 ohms, 1 kHz, 10% THD)	130 W + 130 W	100 W + 100 W	
Dynamic Power per Channel	(8/6/4/2 ohms)	130/150/185/220 W	100/120/140/150 W	
Frequency Response		10 Hz-100 kHz ±1 dB	10 Hz-100 kHz ±1 dB	
Signal-to-Noise Ratio	(Input Shorted)	110 dB (CD/DVD Direct on)	110 dB (CD/DVD Direct on)	
Dimensions (W x H x D); Weight		435 x 151 x 390 mm; 9.1 kg	435 x 151 x 390 mm; 8.3 kg	

Compact Disc Players		CD-S2000	CD-S1000	CD-S700
Disc Compatibility		SA-CD, CD, CD-R/RW (MP3, WMA)	SA-CD, CD, CD-R/RW (MP3, WMA)	CD, CD-R/RW (MP3, WMA), USB
Frequency Response	(CD; Super Audio CD)	2 Hz-20 kHz; 2 Hz-50 kHz (-3 dB)	2 Hz-20 kHz; 2 Hz-50 kHz (-3 dB)	2 Hz-20 kHz (CD)
Harmonic Distortion	(CD; Super Audio CD)	0.002% (1 kHz); 0.0017% (1 kHz)	0.002% (1 kHz); 0.002% (1 kHz)	0.002% (CD)
Signal-to-Noise Ratio	(CD/Super Audio CD)	116 dB	113 dB	110 dB (CD)
Dynamic Range	(CD; Super Audio CD)	100 dB; 110 dB	100 dB; 105 dB	100 dB (CD)
Output Level	(CD/Super Audio CD)	2 ± 0.3 V (1 kHz, 0 dB)	2 ± 0.3 V (1 kHz, 0 dB)	2 ± 0.3 V (CD, 1 kHz, 0 dB)
Dimensions (W x H x D); Weight		435 x 137 x 440 mm; 15 kg	435 x 137 x 440 mm; 15 kg	435 x 96 x 300 mm; 6.2 kg

Compact Disc Players / Changer		CD-S300	CDX-497	CDC-600
Disc Compatibility		CD, CD-R/RW (MP3, WMA), USB	CD, CD-R/RW (MP3, WMA)	CD, CD-R/RW
Frequency Response	(CD)	2 Hz-20 kHz ±0.5 dB	2 Hz-20 kHz ±0.5 dB	2 Hz-20 kHz ±0.5 dB
Harmonic Distortion + Noise	(CD, 1 kHz)	0.003%	0.003%	0.003%
Signal-to-Noise Ratio	(CD)	105 dB	105 dB	105 dB
Dynamic Range	(CD)	96 dB	95 dB	96 dB
Output Level	(CD, 1 kHz, 0 dB)	2 ± 0.3 V	2 ± 0.5 V	2 ± 0.3 V
Dimensions (W x H x D); Weight		435 x 86 x 260 mm; 3.5 kg	435 x 87 x 287 mm; 3.5 kg	435 x 116 x 405 mm; 6.2 kg

Receivers		RX-797	RX-497	RX-397
Minimum RMS Output Power	(8 ohms, 20 Hz-20 kHz)	100 W + 100 W (0.019% THD)	75 W + 75 W (0.04% THD)	50 W + 50 W (0.04% THD)
Max Output Power	(8 ohms, 1 kHz, 10% THD)	145 W + 145 W	115 W + 115 W	85 W + 85 W
Dynamic Power per Channel	(8/6/4/2 ohms)	140/170/220/290 W	105/125/150/178 W	70/77/89/100 W
Frequency Response		10 Hz-100 kHz ±1 dB	10 Hz-100 kHz ±1 dB	10 Hz-100 kHz ±1 dB
Signal-to-Noise Ratio	(CD)	110 dB (CD Direct on)	108 dB	108 dB
FM Usable Sensitivity		1 µV	1 µV	1 µV
FM Signal-to-Noise Ratio	(Mono/Stereo)	76 dB/70 dB	76 dB/70 dB	76 dB/70 dB
Dimensions (W x H x D); Weight		435 x 151 x 389 mm; 10.9 kg	435 x 151 x 308 mm; 8.7 kg	435 x 151 x 308 mm; 7.4 kg

Tuners		T-S1000	T-S500	TX-497
FM 50dB Quieting Sensitivity	(IHF, Mono)	3 µV (20.2 dBf)	3 µV (20.2 dBf)	1.55 µV (15.1 dBf)
FM Harmonic Distortion	(1 kHz, Mono/Stereo)	0.3%/0.5%	0.3%/0.5%	0.1%/0.2%
FM Signal-to-Noise Ratio	(IHF, Mono/Stereo)	80 dB/75 dB	80 dB/75 dB	82 dB/76 dB
Dimensions (W x H x D); Weight		435 x 94 x 450 mm; 5.8 kg	435 x 87 x 306 mm; 3.2 kg	435 x 86 x 271 mm; 3.2 kg

## ● Mini Component System / Micro Component Systems (PianoCraft)

	MCS-1330	MCR-940	MCR-840	MCR-640
<b>Receiver</b>	<b>R-1330 Receiver</b>	<b>R-840 Receiver</b>	<b>R-840 Receiver</b>	<b>R-840 Receiver</b>
Max Power (6 ohms, 1 kHz, 10% THD)	70 W + 70 W	65 W + 65 W*	65 W + 65 W*	65 W + 65 W*
Dynamic Power (4/2 ohms)	100/140 W	75/100 W**	75/100 W**	75/100 W**
Total Harmonic Distortion	0.01% (1 kHz, CD to sp out, 10 W/6 ohms)	0.04% (20 Hz-20 kHz, 30 W/6 ohms)	0.04% (20 Hz-20 kHz, 30 W/6 ohms)	0.04% (20 Hz-20 kHz, 30 W/6 ohms)
Dimensions (W x H x D); Weight	300 x 67 x 336 mm; 5.8 kg	215 x 110 x 348 mm; 5.7 kg	215 x 110 x 348 mm; 5.7 kg	215 x 110 x 348 mm; 5.7 kg
<b>Player</b>	<b>CD-1330 CD Player</b>	<b>BD-940 Blu-ray Disc Player</b>	<b>DVD-840 DVD Player</b>	<b>CD-640 CD Player</b>
Signal-to-Noise Ratio	105 dB (CD)	100 dB (BD/DVD/CD)	100 dB (DVD, CD)	110 dB (CD)
Harmonic Distortion	0.003% (CD)	0.005% (BD/DVD/CD)	0.003% (DVD, CD)	0.003% (CD)
Dimensions (W x H x D); Weight	300 x 67 x 310 mm; 3.8 kg	215 x 108 x 318 mm; 3.4 kg	215 x 108 x 318 mm; 2.8 kg	215 x 108 x 318 mm; 3.2 kg
<b>Speaker System</b>	<b>NS-BP400 Speaker System</b>	<b>NS-BP300 Speaker System</b>	<b>NS-BP300 Speaker System</b>	<b>NS-BP300 Speaker System</b>
Woofer/Tweeter	13cm cone/2.5cm dome	13cm cone/2.5cm dome	13cm cone/2.5cm dome	13cm cone/2.5cm dome
Input Power (Nominal / Maximum)	60 W / 120 W	60 W / 110 W	60 W / 110 W	60 W / 110 W
Frequency Response	50 Hz-30 kHz	55 Hz-28 kHz	55 Hz-28 kHz	55 Hz-28 kHz
Dimensions (W x H x D); Weight	176 x 310 x 330 mm; 5.9 kg/unit	176 x 318 x 305 mm; 4.3 kg/unit	176 x 318 x 305 mm; 4.3 kg/unit	176 x 318 x 305 mm; 4.3 kg/unit

\* 60 W + 60 W for Southeast Asia. \*\* 70/92 W(4/2 ohms) for Southeast Asia.

## ● Micro Component Systems

Micro Component Systems	MCR-230	MCR-330	MCR-040	MCR-140
<b>CD Receiver</b>	<b>CRX-330 CD Receiver</b>	<b>CRX-330 CD Receiver</b>	<b>CRX-040 CD Receiver</b>	<b>CRX-140 CD Receiver</b>
Maximum Output Power	20 W + 20 W (6 ohms, 1 kHz, 10% THD)	20 W + 20 W (6 ohms, 1 kHz, 10% THD)	15 W + 15 W (6 ohms, 1 kHz, 10% THD)	15 W + 15W (6 ohms, 1 kHz, 10% THD)
Dimensions (W x H x D); Weight	180 x 117 x 303 mm; 3.1 kg	180 x 117 x 303 mm; 3.1 kg	180 x 120 x 309 mm; 3.6 kg	180 x 120 x 309 mm; 3.6 kg
<b>Speaker System</b>	<b>NS-BP100 Speaker System</b>	<b>NS-BP110 Speaker System</b>	<b>NS-BP80 Speaker System</b>	<b>NS-BP80 Speaker System</b>
Speaker Units	10 cm cone woofer 2.5 cm dome tweeter	10 cm cone woofer 2.5 cm dome tweeter	10cm full-range cone woofer	10cm full-range cone woofer
Dimensions (W x H x D); Weight	123 x 192 x 294 mm; 2.1 kg/unit	123 x 192 x 296 mm; 2.3 kg/unit	122 x 118 x 287 mm; 1.4 kg/unit	122 x 118 x 287 mm; 1.4 kg/unit

## ● Desktop Audio

Desktop Audio Systems	TSX-130	TSX-120	TSX-80	TSX-70
Maximum Output Power	15 W + 15 W (6 ohms, 1 kHz, 10% THD)	15 W + 15 W (6 ohms, 1 kHz, 10% THD)	4 W + 4 W + 8W (6 ohms, 1 kHz, 10% THD)	4 W + 4 W + 8W (6 ohms, 1 kHz, 10% THD)
Format Compatibility	CD,CD-R/RW: Audio CD, MP3, WMA, USB: MP3, WMA			
Speaker Unit	Dual 8cm full-range cone with bass-reflex port	Dual 8cm full-range cone with bass-reflex port	Dual 4cm full-range cone and 5.5 cm SR-Bass woofer	Dual 4cm full-range cone and 5.5 cm SR-Bass woofer
Input Terminals	iPod/iPhone dock, USB port	iPod/iPhone dock, stereo mini jack	iPod/iPhone dock, stereo mini jack	iPod/iPhone dock, stereo mini jack
FM Tuner	■	■	■	■
Dimensions (W x H x D); Weight	350 x 120 x 240 mm; 4 kg	350 x 120 x 240 mm; 3.7 kg	260 x 90.3 x 141 mm; 1.2 kg	210 x 110 x 134 mm; 1.4 kg

Portable Player Docks	PDX-50	PDX-30
Maximum Output Power	15 W + 15 W (6 ohms, 1 kHz, 10% THD)	15 W + 15W (6 ohms, 1 kHz, 10% THD)
Speaker Unit	Dual 8cm full-range cones with bass-reflex port	Dual 8cm full-range cones with bass-reflex port
Frequency Response	60 Hz-20 kHz	60 Hz-20 kHz
Accessories	Wireless Transmitter, Charging Cradle	Remote Unit
Dimensions (W x H x D); Weight	350 x 128 x 125 mm; 1.7 kg	350 x 109 x 125 mm; 1.7 kg

## ● Speakers

Soavo Series	Soavo-1	Soavo-2	Soavo-900M	Soavo-900C
Woofers	Dual 16cm Advanced PMD cone	16cm Advanced PMD cone	13cm Advanced PMD cone	Dual 13cm Advanced PMD cone
Midrange Driver	13cm Advanced PMD cone			
Tweeter	3cm aluminum dome	3cm aluminum dome	3cm aluminum dome	3cm aluminum dome
Frequency Response	35 Hz-50 kHz	45 Hz-50 kHz	56 Hz-50 kHz	56 Hz-50 kHz
Input Power (Nominal / Maximum)	50 W / 200 W	30 W / 120 W	30 W / 120 W	40 W / 200 W
Sensitivity	89 dB/2.83 V/1 m	88 dB/2.83 V/1 m	87 dB/2.83 V/1 m	89 dB/2.83 V/1 m
Crossover Frequencies	500 Hz/5 kHz	3 kHz	3 kHz	3 kHz
Dimensions (W x H x D); Weight	349 x 1,051 x 487 mm; 27 kg/unit	220 x 380 x 353 mm; 9.7 kg/unit	220 x 349 x 237 mm; 6 kg/unit	500 x 170 x 271 mm; 8.6 kg

NS-700 Series	NS-F700	NS-B750	NS-B700	NS-C700
Woofers	16cm Advanced PMD cone	13cm Advanced PMD cone	10cm Advanced PMD cone	Dual 13cm Advanced PMD cone
Midrange Driver	13cm Advanced PMD cone			
Tweeter	3cm aluminum dome	3cm aluminum dome	3cm aluminum dome	3cm aluminum dome
Frequency Response	45 Hz-50 kHz	60 Hz-50 kHz	65 Hz-50 kHz	60 Hz-50 kHz
Input Power (Nominal / Maximum)	40 W / 160 W	30 W / 120 W	30 W / 120 W	40 W / 160 W
Sensitivity	89 dB/2.83 V/1 m	87 dB/2.83 V/1 m	86 dB/2.83 V/1 m	89 dB/2.83 V/1 m
Crossover Frequencies	700 Hz/4 kHz	4 kHz	5 kHz	5 kHz
Dimensions (W x H x D); Weight	354 x 1,012 x 374 mm; 25 kg/unit	198 x 350 x 290 mm; 6.7 kg/unit	150 x 270 x 154 mm; 3.5 kg/unit	500 x 170 x 170 mm; 7 kg

NS-310 Series / NS-210 Series	NS-F310	NS-B310	NS-C310	NS-F210	NS-B210	NS-C210
Woofers	Dual 8cm cone	Dual 8cm cone	Quad 6.5cm cone	Dual 8cm cone	Dual 8cm cone	Dual 8cm cone
Tweeter	3cm soft dome		3cm soft dome	2.2cm dome		2.2cm dome
Frequency Response	50 Hz-45 kHz	80 Hz-35 kHz	90 Hz-45 kHz	50 Hz-45 kHz	75 Hz-35 kHz	65 Hz-45 kHz
Input Power (Nominal / Maximum)	40 W / 120 W	40 W / 120 W	40 W / 120 W	40 W / 120 W	40 W / 120 W	40 W / 120 W
Sensitivity	87 dB/2.83 V/1 m	87 dB/2.83 V/1 m	90 dB/2.83 V/1 m	86 dB/2.83 V/1 m	86 dB/2.83 V/1 m	86 dB/2.83 V/1 m
Crossover Frequency	4 kHz		6 kHz	8 kHz		8 kHz
Dimensions (W x H x D)	236 x 1,050 x 236 mm	107 x 200 x 127 mm	440 x 94 x 125 mm	236 x 1,050 x 236 mm	105 x 215 x 132 mm	340 x 105 x 132 mm
Weight	8 kg/unit	1.6 kg/unit	2.9 kg	7.3 kg/unit	1.6 kg/unit	2 kg

\* Impedance of speakers on page 50 and 51 is 6 ohms, except NS-8390 and NS-7390, which are 8 ohms.

EF Series	NS-777	NS-555	NS-333	NS-C444
Woofers	Dual 20cm PMD cone	Dual 16cm PMD cone	13cm PMD cone	Dual 13cm PMD cone
Midrange Driver	13cm cone with Waveguide horn	13cm cone with Waveguide horn		
Tweeter	2.5cm aluminum dome with Waveguide horn	2.5cm aluminum dome with Waveguide horn	2.5cm aluminum dome with Waveguide horn	2.5cm aluminum dome with Waveguide horn
Frequency Response	30 Hz–35 kHz	35 Hz–35 kHz	60 Hz–35 kHz	55 Hz–35 kHz
Input Power (Nominal / Maximum)	100 W / 250 W	100 W / 250 W	60 W / 150 W	100 W / 250 W
Sensitivity	89 dB/2.83 V/1 m	88 dB/2.83 V/1 m	87 dB/2.83 V/1 m	89 dB/2.83 V/1 m
Crossover Frequencies	1 kHz/4 kHz	1 kHz/4 kHz	3 kHz	3 kHz
Dimensions (W x H x D); Weight	276 x 1,100 x 390 mm; 24.4 kg/unit	222 x 980 x 345 mm; 20 kg/unit	200 x 320 x 213 mm; 5.5 kg/unit	514 x 190 x 213 mm; 7.3 kg

8900 Series / 7900 Series	NS-8900	NS-P8900 (Surround)	NS-P8900 (Center)	NS-7900	NS-P7900 (Surround)	NS-P7900 (Center)
Woofers	Dual 16 cm cone	8cm cone	Dual 8cm cone	Dual 16cm cone	8cm cone	Dual 8cm cone
Tweeter	2.5cm dome	2.5cm balanced-dome	2.5cm balanced-dome	2.5cm soft dome	2.5cm balanced-dome	2.5cm balanced-dome
Frequency Response	28 Hz–38 kHz	75 Hz–20 kHz	70 Hz–30 kHz	32 Hz–25 kHz	70 Hz–40 kHz	70 Hz–30 kHz
Input Power (Nominal / Maximum)	80 W (rated) / 300 W	20 W (rated) / 100 W	30 W (rated) / 125 W	50 W (rated) / 180 W	20 W (rated) / 80 W	25 W (rated) / 100 W
Sensitivity	89 dB/2.83 V/1 m	85 dB/2.83 V/1 m	89 dB/2.83 V/1 m	88 dB/2.83 V/1 m	85 dB/2.83 V/1 m	88 dB/2.83 V/1 m
Crossover Frequency	3 kHz	12 kHz	12 kHz	2 kHz	13 kHz	12 kHz
Dimensions (W x H x D)	226 x 1,020 x 339 mm	120 x 201 x 129 mm	360 x 120 x 128 mm	195 x 1,020 x 345 mm	130 x 217 x 150 mm	395 x 130 x 150 mm
Weight	23 kg/unit	1.5 kg/unit	2.5 kg	17.5 kg/unit	1.9 kg/unit	3.3 kg

HT Series	NS-8390	NS-7390	NS-50F
Woofers	20cm cone	20cm cone	Dual 16cm cone
Tweeter	2.2cm balanced-dome	2.2cm balanced-dome	3cm dome
Frequency Response	35 Hz–27 kHz	35 Hz–27 kHz	35 Hz–35 kHz
Input Power (Nominal / Maximum)	70 W / 220 W	70 W / 220 W	80 W / 240 W
Sensitivity	89 dB/2.83 V/1 m	86 dB/2.83 V/1 m	91 dB/2.83 V/1 m
Crossover Frequencies	4 kHz/10 kHz	4 kHz/6 kHz	2 kHz
Dimensions (W x H x D); Weight	262 x 920 x 266 mm; 11.7 kg/unit	210 x 870 x 265 mm; 10.2 kg/unit	233 x 880 x 271 mm; 12.5 kg/unit

Package Speakers	NS-P380	NS-P285	NS-P60
System Frequency Response	28 Hz–40 kHz	30 Hz–40 kHz	70 Hz–30 kHz
Front Speakers	2-way acoustic suspension	Full-range acoustic suspension	
Input Power (Nominal / Maximum)	50 W / 100 W	30 W / 80 W	
Dimensions (W x H x D); Weight	90 x 220 x 109 mm; 1 kg/unit	90 x 120 x 123 mm (with stand); 0.45 kg/unit (without stand)	
Surround Speakers	Full-range acoustic suspension	Full-range acoustic suspension	
Input Power (Nominal / Maximum)	30 W / 80 W	30 W / 80 W	50 W / 150 W
Dimensions (W x H x D); Weight	90 x 90 x 109 mm; 0.45 kg/unit	90 x 120 x 123 mm (with stand); 0.45 kg/unit (without stand)	150 x 265 x 156 mm; 2.3 kg/unit
Center Speaker	2-way acoustic suspension	2-way acoustic suspension	
Input Power (Nominal / Maximum)	50 W / 100 W	50 W / 100 W	60 W / 180 W
Dimensions (W x H x D); Weight	220 x 90 x 109 mm: 1 kg	220 x 90 x 109 mm; 1 kg	465 x 135 x 174 mm; 3.5 kg
Subwoofer	Advanced YST	Advanced YST	
Driver	20cm cone	16cm cone	
Dynamic Power	100 W	100 W	
Dimensions (W x H x D); Weight	290 x 290 x 327 mm; 8.5 kg	262 x 264 x 316 mm; 6.9 kg	

Outdoor Speakers	NS-AW992	NS-AW592	NS-AW392
Drivers	20cm waterproof cone woofer and 2.5cm fluid-cooled, coated soft dome tweeter	16cm waterproof cone woofer and 2.5cm fluid-cooled, coated soft dome tweeter	13cm waterproof cone woofer and 1.9cm fluid-cooled, coated soft dome tweeter
Frequency Response	50 Hz–20 kHz	55 Hz–20 kHz	60 Hz–25 kHz
Input Power (Nominal / Maximum)	60 W / 180 W	50 W / 150 W	40 W / 120 W
Sensitivity	90 dB/2.83 V/1 m	88 dB/2.83 V/1 m	86 dB/2.83 V/1 m
Dimensions (W x H x D); Weight	233 x 388 x 208 mm; 3.7 kg/unit	206 x 340 x 170 mm; 2.4 kg/unit	170 x 273 x 136 mm; 1.8 kg/unit

### ● Subwoofers

	Soavo-900SW	NS-SW700	NS-SW310	NS-SW210	YST-SW515	YST-SW315	YST-SW215	YST-SW015
Driver	25cm cone	25cm cone	20cm cone	16cm cone	25cm cone	25cm cone	20cm cone	16cm cone
Dynamic Power	600 W	300 W	160 W	100 W	270 W	270 W	150 W	120 W
Frequency Response	18–160 Hz	20–160 Hz	26–160 Hz	30–160 Hz	20–160 Hz	20–160 Hz	28–200 Hz	30–200 Hz
Advanced YST	Advanced YST II	Advanced YST II	Advanced YST II	Advanced YST II	Advanced YST II	■	■	■
QD-Bass Technology	Front firing	■			■	■	■	■
High-Efficiency Power Amplifier	■	■	■		■	■		
Linear Port	Twin	■	■	■	■			
BASS (Bass Action Selector System)	3 modes	■			■	■	■	■
Dimensions (W x H x D)	410 x 457 x 462 mm	406 x 445 x 406 mm	200 x 473 x 405 mm	166 x 450 x 366 mm	350 x 430 x 382 mm	350 x 430 x 382 mm	290 x 360 x 322 mm	280 x 325 x 320 mm
Weight	32 kg	21 kg	14 kg	10 kg	19 kg	19 kg	11.5 kg	9.2 kg

	YST-RSW300	YST-SW216	YST-SW030	YST-SW012	YST-SW011	YST-FSW100	YST-FSW150	YST-FSW050
Driver	25cm cone	25cm cone	20cm cone	20cm cone	20cm cone	16cm cone	16cm cone	16cm cone
Dynamic Power	270 W	100 W	130 W	100 W	100 W	130 W	130 W	100W
Frequency Response	20–160 Hz	25-180 Hz	28–200 Hz	28–200 Hz	30–200 Hz	30–200 Hz	30–160 Hz	35–160 Hz
Advanced YST	Advanced YST II	Advanced YST II	■	Advanced YST II	Advanced YST II	Advanced YST II	Advanced YST II	Advanced YST II
QD-Bass Technology	Front firing	Front firing	■	Front firing	■	FD-Bass	Down-firing	Down-firing
Linear Port	■	■		■	■	Half Pipe Port	■	■
Dimensions (W x H x D)	372 x 400 x 428 mm	340 x 340 x 385 mm	290 x 360 x 311 mm	290 x 290 x 328 mm	290 x 360 x 303 mm	400 x 375 x 157 mm	435 x 151 x 350 mm	350 x 163 x 350 mm
Weight	20 kg	11.2 kg	10 kg	8.5 kg	10 kg	9 kg	9.4 kg	8.5 kg



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