



ASTATIC COMMERCIAL



-10dB 0dB

PAD

HI-PASS

E100S



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About Us

CAD Audio originally took shape as the Astatic Corporation in 1931, founded by C.M. Chorpene and F.H. Woodworth, two ham radio operators who needed a static-free microphone for their transmitters. They worked with local engineers to develop the company's first crystal radio microphone, the model D-104.

Having overcome the problem of static—hence the company name “Astatic”—and improved the quality of radio transmitter microphones in general, Chorpene and Woodworth went on to incorporate in 1933 and develop a line of innovative crystal mics, phonograph pickups and recording heads. Astatic also made significant contributions to the allied effort in World War II with an underwater sound detection hydrophone and static-discharger for Army and Navy aircraft.

Now known as Astatic Commercial Audio Products, the company has evolved into a successful manufacturer of commercial microphones for a wide variety of industrial applications. Astatic microphones can be found in restaurants, airports, churches, schools, and corporate boardrooms worldwide. Their ongoing success is based on Variable Pattern Technology available in hanging, gooseneck, and boundary microphones. The pick-up patterns can be controlled on the microphone, by using the remote pattern control box or through some of the industries' most popular digital signal processors.

CAD (Conneaut Audio Devices) Professional Microphones was initially formed in 1988 as the Pro Audio division of the company to design and manufacture microphones for the recording and live sound markets, segments not served by Astatic. Initially, CAD introduced a revolutionary servo circuit console and breakthrough processing products, then went on to develop a series of innovative and cost-effective high performance studio microphones. These included the highly acclaimed E100, E200 and E300 Equitek Series mics that literally defined the project studio revolution of the late 1980s and early 1990s.

More recent CAD developments include the updated versions of the affordable, high quality CAD drum microphone packs; the Stage4, Stage7, and Touring7 Premium. CAD Audio has also added the new U9 MiniMic to its already versatile line of USB microphones, two new studio headphones the MH310 studio monitor headphone and the DH100 drummer isolation headphones, and the E100S large diaphragm condenser mic, the quietest LDC mic available on the market today, an evolution of the company's groundbreaking Equitek Series studio microphone.

Now Astatic and CAD have been re-branded as CAD Audio to combine the strength of their new technologies and expand their already unmatched offering of microphones for different applications while simplifying and streamlining sales, distribution and marketing efforts for the coming years.

CAD Audio offers four series of products—Recording, Live Performance, Astatic Commercial and Personal Audio—that will further grow and evolve as the company continues to build on over 80 years of innovation and success in the audio industry.

RECORDING

RECORDING

CAD Audio is proud to celebrate over 75 years in the microphone/transducer design business. In the late 1980's CAD introduced the first studio condensers to offer superior performance at an affordable price. Over the past 25 years, the CAD name has become synonymous with innovative products, great value and exceptional sonic accuracy. Our Recording Series offers a broad range of studio condensers for every application. From vocals, stringed instruments and percussion, to guitar cabinets and everything in between, CAD offers the versatility and performance demanded by today's recording professional.



E100S

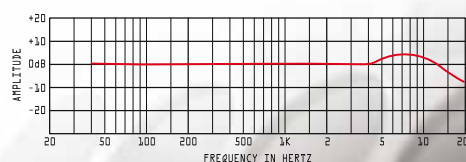
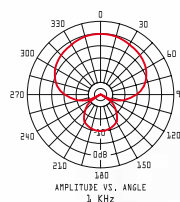
Supercardioid Condenser Microphone

Engineered and built in the U.S.A. to the highest quality standard, the new Equitek E100S large-diaphragm supercardioid condenser mic has the lowest noise floor in its class (3.7dBA) and the smooth vintage tone with full-bodied low end CAD is known for. The E100S features a bootstrapped, full differential Quadra-FET™ front-end to ensure high sensitivity and low distortion. A nickel-plated one-inch capsule delivers accurate phasing when miking instruments and a full, rich tone for vocals that is enhanced by the microphone's extended low-end frequency response. CAD's proprietary circuitry preserves all of the warmth and detail demanded by leading artists and engineers. Additional features include an 80Hz hi-pass filter and a 10dB pad. A twin 5087 output driver provides low drive impedance. RoHS compliant, the E100S also features exceptional RF immunity. P48 (48V) phantom power is required. Ideal for recording vocals, percussion, acoustic instruments and everything in between, the E100S is versatile enough to deliver exceptional performance on stage and in the studio. Supplied in a high quality cherry wood carrying case, the E100S also includes a stealth shock mount.



Specifications

Operating Principal	Permanently-Biased Condenser
Polar Pattern	Supercardioid
Frequency Response	40Hz – 18KHz
Sensitivity	-30 dBV (28 mV) @ 1 Pa
Impedance	140 ohms
Max SPL	150 dB (pad engaged)
Self Noise	3.7 dBA
Hi-Pass	80Hz, 6dB/oct
Attenuator	10 dB
Power Requirements	P48, 2 mA



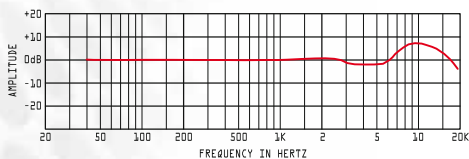
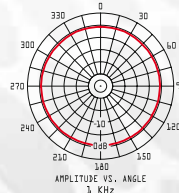
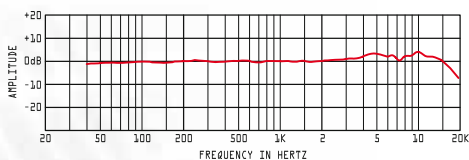
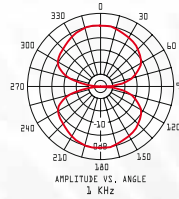
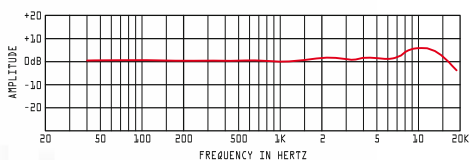
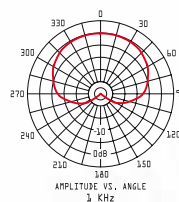
E300

Multi-Pattern Condenser Microphone

Transparent, airy upper and mids, coupled with a rich, silky smooth low end and an enormous upfront presence make the e300 our finest vocal mic. The e300 offers unparalleled performance from critical studio tracking scenarios to live sound reinforcement. The 1.1" 24K gold sputtered externally biased triple pattern (cardioid, omni, figure-of-eight) dual diaphragm condenser capsule is hand dampedened for consistent frequency response. A regulated bypass voltage generator for precise output sensitivity, sophisticated laser trimmed op-amp circuitry for increased management of fast transients and open capsule architecture design make the e300 a classic vocal studio microphone. Features include an on/off switch with auto power shut-off feature, hi-pass filter 6 dB pad/octave @ 135 Hz and a 20 dB pad. Rechargeable 9V nickel hydride batteries provide huge current reserve and allow for remote operation for up to 6 hours. Shock mount and carrying case included. P48 (48V) phantom power is required.

Specifications

Operating Principal	Externally-Biased Condenser
Polar Pattern	Cardioid, Omnidirectional, Figure-of-eight
Frequency Response	20Hz – 18KHz
Sensitivity	-34 dBV (20 mV) @ 1 Pa
Impedance	220 ohms
Max SPL	145 dB
Self Noise	12 dBA
Hi-Pass	135Hz, 6dB/oct
Attenuator	20 dB
Power Requirements	P48, 8 mA



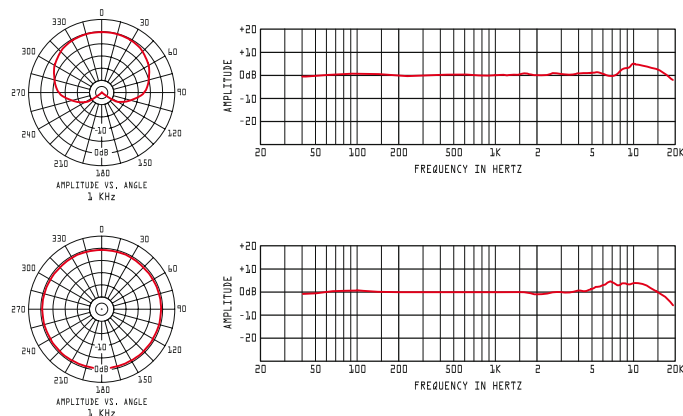


E70

Modular Dual-Capsule Condenser Microphone

Why decide when you can have both? Omnidirectional capsule for flat near field and ambience. Cardioid capsule for proximity boost and off-axis rejection. Capture your instrumentation with exacting detail. Features include field-effect detection, transformerless drive, dual-frequency hi-pass filter and two-position attenuator. Elastic shock mount, stand clamp and windscreen are included. P48 (48V) phantom power is required.

Specifications	
Operating Principal	Externally-Biased Condenser
Polar Pattern	Cardioid, Omnidirectional
Frequency Response	20Hz – 20KHz
Sensitivity	-39 dBV (11 mV) @ 1 Pa
Impedance	85 ohms
Max SPL	145 dB (pad engaged)
Self Noise	23 dBA
Hi-Pass	75Hz & 150Hz, 6dB/oct
Attenuator	10 dB & 20 dB
Power Requirements	P48, 2 mA

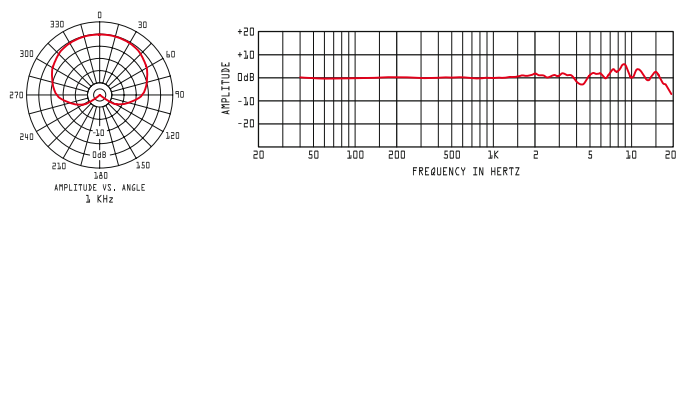


E60

Cardioid Condenser Microphone

Externally-biased point-source transduction with high-power transformerless drive in a bulletproof road-ready housing. Take it on tour for high-impact instrumentation. Features include three-frequency hi-pass filter, 10dB attenuator and integral stand clamp. P24 (24V) or P48 (48V) phantom power is required.

Specifications	
Operating Principal	Externally-Biased Condenser
Polar Pattern	Cardioid
Frequency Response	30Hz – 20KHz
Sensitivity	-40 dBV (10 mV) @ 1 Pa
Impedance	300 ohms
Max SPL	140 dB (pad engaged)
Self Noise	22 dBA
Hi-Pass	40Hz, 85Hz & 150Hz, 6dB/oct
Attenuator	10 dB
Power Requirements	P24, P48, 5 mA





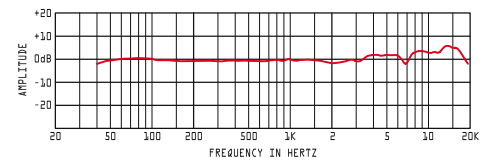
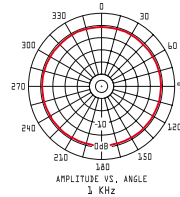
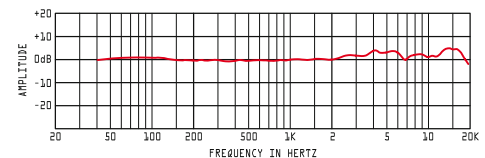
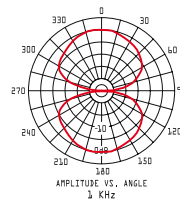
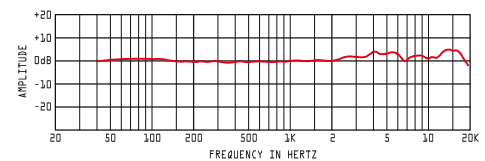
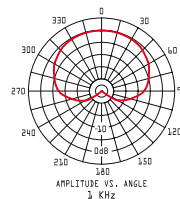
Trion 8000

Multi-Pattern Condenser Tube Microphone

The Trion 8000 is a multi-pattern, externally biased, large dual diaphragm studio tube condenser microphone. Incorporating a sophisticated, precision-machined, hand-assembled capsule, the low mass 1.12" gold vapor deposited, hand dampened diaphragms offer the warm, rich and open classic tube sound ideal for studio vocal recordings in the digital realm. Exceptional sensitivity, low distortion and an extended frequency response make the 8000 an outstanding performer. Discrete Class A electronics provide transparent, accurate sound reproduction and warm tube performance. A 3-position polar pattern switch provides selection of omnidirectional, cardioid or figure-of-eight for versatility and flexibility demanded by recording professionals. The rugged metal housing and construction provide the durability required to withstand the harsh day-to-day demands of both live and studio environments. Featuring a heritage design, the Trion 8000 offers an aesthetically pleasing industrial profile. Shockmount, heavy-duty aluminum carrying case, 25ft 6-pin connector cable, and power supply included. 115/230 VAC power required.

Specifications

Operating Principal	Externally-Biased Condenser
Polar Pattern	Cardioid, Figure-of-Eight, Omnidirectional
Frequency Response	20Hz – 20KHz
Sensitivity	-37 dBV (14 mV) @ 1 Pa
Impedance	250 ohms
Max SPL	143 dB
Self Noise	21 dBA
Power Requirements	PS120 Power Supply Included



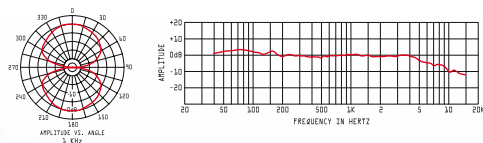


Trion 7000 Dual-Element Ribbon Microphone

The Trion 7000 is a dynamic, dual-element, ribbon microphone. The sophisticated, precision-machined, hand-assembled aluminum ribbon capsule offers a warm, rich classic sound. The 7000 is an excellent choice for recording vocals, brass, woodwinds, cello and acoustic bass as well as guitar and bass amps. It can be used in both live and studio applications wherever a warm, full-bodied tone is desired. The polar pattern is naturally a figure-of-eight. The pronounced proximity effect associated with the Trion 7000 produces a “fattening effect” at close distances. All these features make the 7000 an excellent choice for a wide variety of live and recording applications. Shock mount, heavy-duty aluminum carrying case included.

Specifications

Operating Principal	Moving Ribbon Dynamic
Polar Pattern	Figure-of-Eight
Frequency Response	25Hz – 9KHz
Sensitivity	-53 dBV (2.2 mV) @ 1 Pa
Impedance	940 ohms



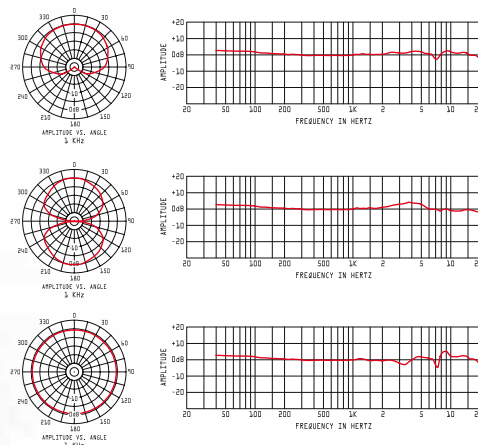
Trion 6000 Multi-Pattern Condenser Microphone

The Trion 6000 is a multi-pattern, externally biased, large dual diaphragm studio condenser microphone. Incorporating a sophisticated, precision-machined, hand-assembled capsule, the low mass 1” gold vapor deposited, hand dampened diaphragms offer an articulate, rich and open sound ideal for studio vocals, choir, classical stringed instruments, piano and acoustic guitar. Exceptional sensitivity, low distortion and an extended frequency response make the

6000 an outstanding performer in the digital realm. Discrete Class A electronics provide transparent, accurate sound reproduction. A 3-position polar pattern switch provides selection of omnidirectional, cardioid, or figure-of-eight. The high-pass filter and the attenuation switches are located on the rear of the mic body and provide the versatility and flexibility demanded in the professional recording environment. The rugged metal housing and construction provide the durability required to withstand the harsh day-to-day demands of both live and studio applications. Accurate sound reproduction, high SPL capability and superior sonic performance make this a valuable tool for the recording professional. Shock mount and heavy-duty aluminum carrying case included. 48V phantom power required.

Specifications

Operating Principal	Externally-Biased Condenser
Polar Pattern	Cardioid, Figure-of-Eight, Omnidirectional
Frequency Response	20Hz – 20KHz
Sensitivity	-38 dBV (13 mV) @ 1 Pa
Impedance	220 ohms
Max SPL	138 dB
Self Noise	20 dBA
Power Requirements	P48, 5mA





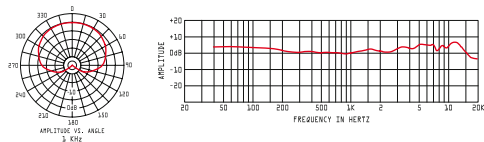
M9

Cardioid Condenser Tube Microphone

The M9 is equipped with CAD's hybrid servo-valve technology to produce a distinctively warm tube sound. Its design bridges the valve (tube) technology developed for our legendary VX2 microphone with the sophisticated servo op-amp technology used in our M Series mics. The microphone's head amp employs a 12AX7 tube in a circuit optimized for wide dynamic range and low noise. Its output stage uses a high speed dual op amp to further enhance performance. Features include a 100 Hz hi-pass filter and 16 dB pad. Ideal for critical vocal and instrumental recording situations, the M9 comes with a shock mount, swivel mount, heavy-duty power supply, and a 30', 7 conductor cable. Carrying case included.

Specifications

Operating Principal	Externally-Biased Condenser
Polar Pattern	Cardioid
Frequency Response	20Hz – 20KHz
Sensitivity	-37 dBV (14 mV) @ 1 Pa
Impedance	200 ohms
Max SPL	155 dB (pad engaged)
Self Noise	16 dBA
Hi-Pass	100Hz, 6dB/oct
Attenuator	16 dB
Power Requirements	PS200A Power Supply Included



TUBE
CIRCUIT



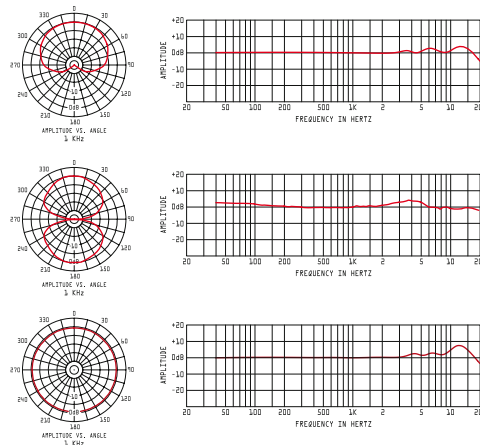
M179

Variable Pattern Condenser Microphone

The M179's continuously variable pattern control allows the blending of patterns from omni to hypercardioid to figure-of-eight. Simply "dial in" your desired pattern for the greatest flexibility in live and recording situations. A unique combination of vintage design and modern electronics, the M179 features a dual diaphragm version of our legendary E300 capsule and an externally biased design with a 24k gold sputtered 1.1" diaphragm. The M179's advanced head amp design and efficient power circuitry ensure superior reproduction in critical miking situations with an open, natural sound, fast transient response, low distortion, low noise, and a high output level. Features include a variable pattern control, 100 Hz hi-pass filter and 20 dB pad. Swivel mount, shock mount and carrying case included.

Specifications

Operating Principal	Externally-Biased Condenser
Polar Pattern	Continuously Variable
Frequency Response	20Hz – 20KHz
Sensitivity	-36 dBV (16 mV) @ 1 Pa
Impedance	200 ohms
Max SPL	143 dB (pad engaged)
Self Noise	11 dBA
Hi-Pass	100Hz, 6dB/oct
Attenuator	20 dB
Power Requirements	P24, P48, 8 mA



VP
VARIABLE PATTERN
CONTROL™



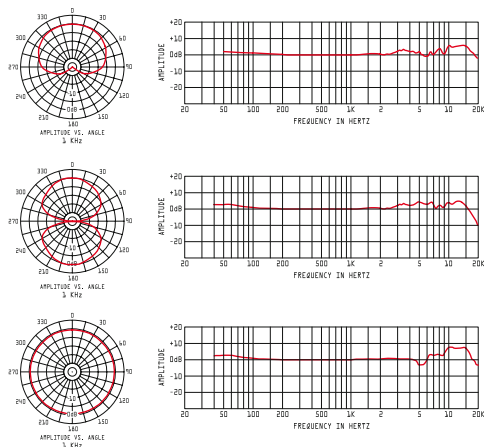
GXL3000

Multi-Pattern Condenser Microphone

The GXL3000's capsule features a 1" gold-vapor deposited multi-pattern (cardioid, omni, figure-of-eight) dual diaphragm for exceptional accuracy and sonic performance. Switchable polar patterns make it extremely versatile in a variety of applications. The microphone's high sensitivity and extremely low distortion make the GXL3000 an ideal candidate for recording and sound reinforcement including vocal and instrument applications. Features include a 100 Hz hi-pass filter and 10 dB pad. Shock mount and vinyl pouch included.

Specifications

Operating Principal	Externally-Biased Condenser
Polar Pattern	Cardioid, Figure-of-Eight, Omnidirectional
Frequency Response	35Hz – 20KHz
Sensitivity	-38 dBV (13 mV) @ 1 Pa
Impedance	200 ohms
Max SPL	135 dB (pad engaged)
Self Noise	20 dBA
Hi-Pass	100Hz, 6dB/oct
Attenuator	10 dB
Power Requirements	P48, 3.5 mA



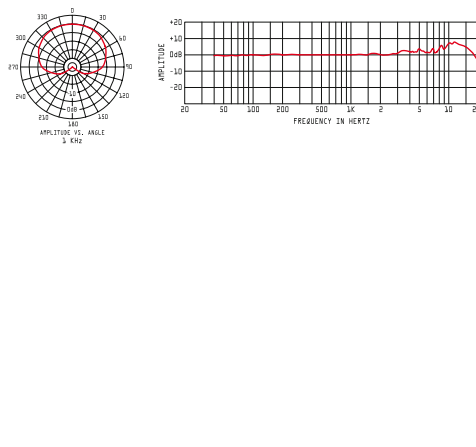
GXL2400

Cardioid Condenser Microphone

Exceptionally compact for a mic of its type, the GXL2400 large diaphragm condenser microphone's high sensitivity and low distortion make it ideal for recording, broadcast and live applications. The sophisticated capsule features a 1" gold vapor deposited diaphragm to optimize sound quality. Its' high quality construction and sonic performance make it an exceptional value. Shock mount and vinyl pouch included.

Specifications

Operating Principal	Externally-Biased Condenser
Polar Pattern	Cardioid
Frequency Response	30Hz – 20KHz
Sensitivity	-36 dBV (16 mV) @ 1 Pa
Impedance	75 ohms
Max SPL	130 dB
Self Noise	20 dBA
Hi-Pass	100Hz, 6dB/oct
Power Requirements	P48, 3 mA





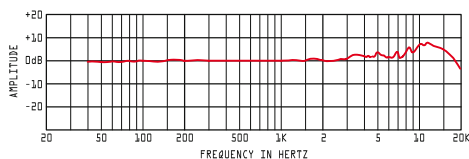
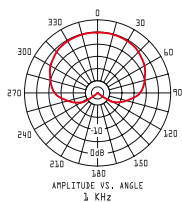
GXL2200

Cardioid Condenser Microphone

Offering exceptional value, the affordable GXL2200 is a large diaphragm condenser microphone with a cardioid pattern. The GXL2200's capsule features a sophisticated 1" gold vapor deposited diaphragm. Exceptional sensitivity and low distortion make it an outstanding performer in all kinds of applications. Shock mount and vinyl pouch included.

Specifications

Operating Principal	Externally-Biased Condenser
Polar Pattern	Cardioid
Frequency Response	30Hz – 20KHz
Sensitivity	-36 dBV (16 mV) @ 1 Pa
Impedance	75 ohms
Max SPL	130 dB
Self Noise	20 dBA
Hi-Pass	100Hz, 6dB/oct
Power Requirements	P48, 3 mA



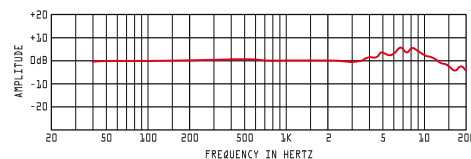
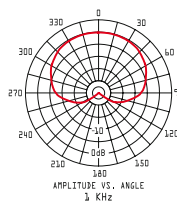
GXL1200

Cardioid Condenser Microphone

Compact and durable, the GXL1200 condenser is known for its open, transparent sound. Its transformerless design reduces distortion and optimizes low-end response. A uniform cardioid pattern controls feedback. The GXL1200's small size, accuracy, and high SPL capability, make it ideal for miking overheads, high hats, cymbals, and stringed instruments. Mic clip and vinyl pouch included.

Specifications

Operating Principal	Externally-Biased Condenser
Polar Pattern	Cardioid
Frequency Response	30Hz – 20KHz
Sensitivity	-36 dBV (16 mV) @ 1 Pa
Impedance	100 ohms
Max SPL	135 dB
Self Noise	17 dBA
Power Requirements	P48, 4 mA





GXL2200SP

Studio Pack

Contains one GXL2200 large diaphragm condenser, one GXL1200 cardioid condenser and one EPF15A pop filter. Shock mount and mic clip included.



GXL2200SSP

Stereo Studio Pack

Contains one GXL2200 large diaphragm condenser, two GXL1200 cardioid condensers and one EPF15A pop filter. Shock mount and mic clips included.



GXL3000SP

Studio Pack

Contains one GXL3000 large diaphragm multi-pattern condenser, one GXL1200 cardioid condenser and one EPF15A pop filter. Shock mount and mic clip included.



GXL3000SSP

Stereo Studio Pack

Contains one GXL 3000 large diaphragm multi-pattern condenser, two GXL1200 cardioid condensers and one EPF15A pop filter. Shock mount and mic clips included.

ASTATIC COMMERCIAL

ASTATIC COMMERCIAL

The Astatic Commercial Series continues to offer unique products for the sound contractor. Astatic Commercial products feature commercial grade sturdiness and durability. This series is designed for years of dependable operation in industrial, government, house of worship and business applications. Features such as Variable Patter Control, RF Resistant Architecture, Logic Compatibility, and external contact closures are only a few of the contractor friendly features found in the Astatic Commercial series.



2600VP / 2700VP / 2800VP / 2220VP

Continuously Variable Pattern Condenser Microphone System with Remote Polar Control through a Digital Signal Processor

The 2600VP / 2700VP / 2800VP / 2220VP is a continuously variable pattern condenser microphone system with remote polar control through a Digital Signal Processor. The variable polar pattern with remote control allows the user to precisely adjust the shape of the pick-up pattern for best performance from within a DSP. Utilizing a two-conductor shielded cable (max length 2,000 feet) between the microphone head and the DSP unit, the polar pattern of the microphone can be adjusted in real time without changing capsules, microphone positions, or inducing noise in the audio chain. Refer to the specific DSP instructions provided by CAD Audio for the units being used.

Special attention has been given to the frequency response and sensitivity of the microphone system while utilizing the variable-pattern control to precisely alter the shape of the pick-up pattern. The VP systems are designed to resist interference from devices such as cell phones, two-way communication devices and lighting apparatus. Utilizing our RF Resistant Architecture, our VP products meet the stringent RF standards set by the European Union (see the specification section of each microphone for more information).

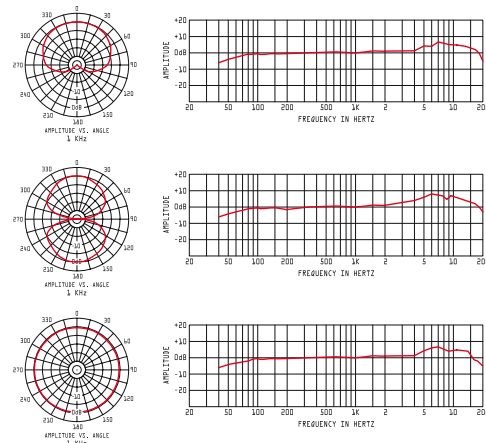
Choose the 2600VP when a suspended system is required. System includes a counter poise string, exclusive articulating steel hanger, anti-twist thread and rods, 30' of cable, and 24" XLR-F to Phoenix-type connector.

Choose the 2700VP when a floor stand version is needed. System includes the MB-1; a feather light 56" boom and exclusive Clutch Rotation System, this boom can be mounted on any standard microphone tripod or base stand. Also, includes 24" XLR-F to Phoenix-type connector.

Choose the 2800VP when a podium version is required. System includes the MB-18; an 18" miniature dual-flex gooseneck with TA3F-type and XLRM-type connectors. The system also includes 24" XLR-F to Phoenix-type connector.

Choose the 2220VP / 2220VPW when an installed boundary style microphone is needed. System includes 220VP boundary microphone with mounting hardware and rubber bushings. The system also includes 24" XLR-F to Phoenix-type connector. Specify "W" for white unit.

Specifications	
Operating Principal	Permanently-Biased Condenser
Polar Pattern	Continuously Variable
Frequency Response	40Hz – 20KHz
Sensitivity	-29 dBV (35 mV) @ 1 Pa
Impedance	135 ohms
Max SPL	110 dB
Self Noise	22 dBA
Hi-Pass	selectable 80Hz, 12dB/oct
Power Requirements	P12, P24, P48, 4 mA





1600VP/1700VP/1800VP

Continuously Variable Pattern Condenser Microphone System with Remote Polar Control

The 1600VP is a continuously variable pattern condenser microphone system with remote polar control. The variable polar pattern with remote control allows the user to precisely adjust the shape of the pick-up pattern for best performance from a remote location. Utilizing a two-conductor shielded cable (max length 2,000 feet) between the microphone head and the pattern-control box, the user can adjust the polar pattern in real time without changing capsules, microphone positions, or inducing noise in the audio chain.

Special attention has been given to the frequency response and sensitivity of the microphone while utilizing the variable-pattern control to precisely alter the shape of the pick-up pattern. The large-diameter, low-noise elements produce a frequency response of 40Hz to 20KHz with a selectable, recessed 80Hz, 12dB/octave high-pass filter that removes unwanted low-frequency energy when engaged. The filter control is conveniently located on the control box. The microphone head is made of commercial grade aluminum, the control box is made of hardened steel, both are powder coated and made in the USA. The microphone head is painted matte black for an unobtrusive yet stylish appearance.

The remote polar-pattern control box can be mounted in a single rack unit shelf with optional accessories. Up to six control boxes can be mounted in one rack unit - Astatic RU1. The polar-pattern dial is positioned for easy adjustment "on the fly" and can be secured with a single "Flat Style" blank panel when rack mounted.

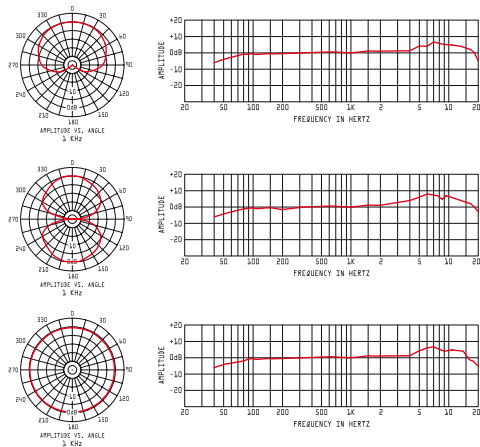
Choose the 1600VP when a suspended system is required. Featuring an exclusive anti-rotational mount, 30' of cable, XLR-F wall plate and counter poise string.

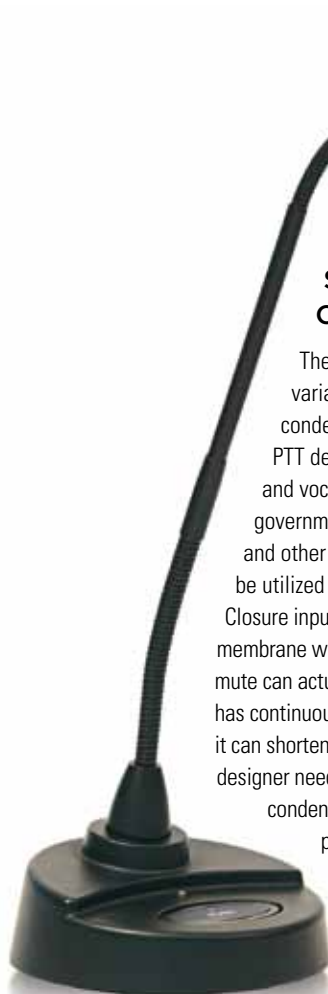
Choose the 1700VP when a floor stand version is needed. Featuring a feather light 56" boom and exclusive Clutch Rotation System, this boom can be mounted on any standard microphone tripod or base stand.

Choose the 1800VP when a podium version is required. Featuring an 18" miniature gooseneck with TA3F and XLRM.

Specifications

Operating Principal	Permanently-Biased Condenser
Polar Pattern	Continuously Variable
Frequency Response	40Hz – 20KHz
Sensitivity	-29 dBV (35 mV) @ 1 Pa
Impedance	135 ohms
Max SPL	110 dB
Self Noise	22 dBA
Hi-Pass	selectable 80Hz, 12dB/oct
Power Requirements	P12, P24, P48, 4 mA





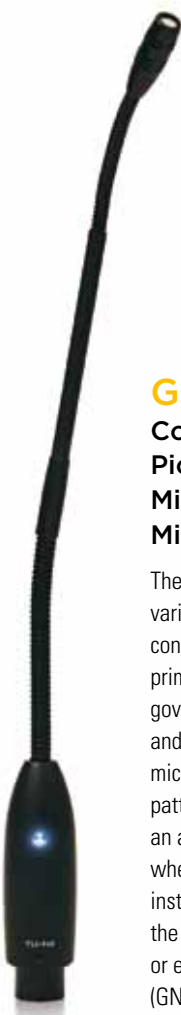
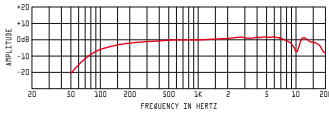
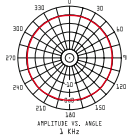
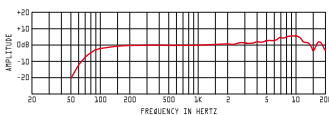
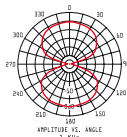
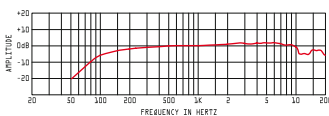
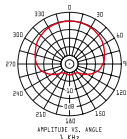
GNVPD

Continuously Variable Pick-Up Pattern, RF Resistant, PTT Desk Stand Gooseneck Condenser Microphone

The GNVPD is a dual-flex, continuously variable pattern, miniature gooseneck condenser microphone integrated on a styled PTT desk stand. Designed primarily for speech and vocal pick-up in municipal & institutional, government, courthouse, business, teleconference and other applications. Logic I/O functions may be utilized with auto-mixers and control systems. Closure input can remotely control LED and the switch membrane working with or bypassing the microphone's mute can actuate closure output. Because the GNVP has continuously variable pick-up pattern selection it can shorten the list of products an audio system designer needs to keep in mind when gooseneck condenser mics are specified. An installer can precisely tailor the pick-up pattern for the best performance depending on the application or environment. Available in 15" (GN15VPD) and 20" (GN20VPD) lengths.

Specifications

Operating Principal	Permanently-Biased Condenser
Polar Pattern	Continuously Variable
Frequency Response	80Hz – 18KHz
Sensitivity	-36 dBV (15.9 mV) @ 1 Pa
Impedance	120 ohms
Max SPL	120 dB
Self Noise	29 dBA
Power Requirements	P12, P24, P48, 4mA



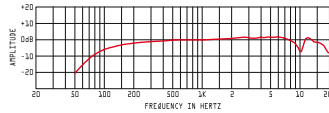
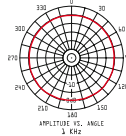
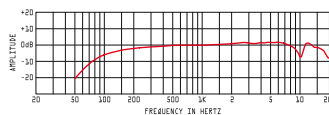
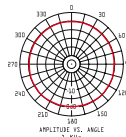
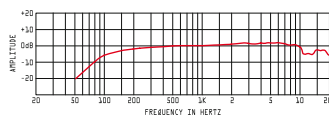
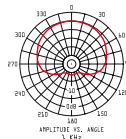
GNVP

Continuously Variable Pick-Up Pattern, RF Resistant Mini Gooseneck Condenser Microphone

The GNVP is a series of dual-flex, continuously variable pattern, quick mount, miniature gooseneck condenser microphones. They are designed primarily for speech and vocal pick-up in worship, government, courthouse, business, teleconference and other applications. Because the GNVP microphones have continuously variable pick-up pattern selection, it can shorten the list of products an audio system designer needs to keep in mind when gooseneck condenser mics are specified. An installer can precisely tailor the pick-up pattern for the best performance depending on the application or environment. Available in 10" (GN10VP), 15" (GN15VP) and 20" (GN20VP) lengths.

Specifications

Operating Principal	Permanently-Biased Condenser
Polar Pattern	Continuously Variable
Frequency Response	80Hz – 18KHz
Sensitivity	-36 dBV (16 mV) @ 1 Pa
Impedance	120 ohms
Max SPL	120 dB
Self Noise	29 dBA
Power Requirements	P12, P24, P48, 4mA





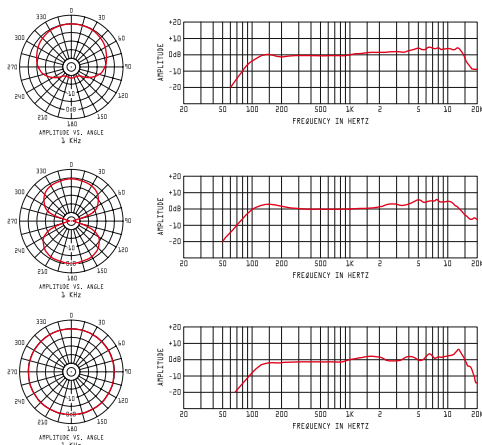
930VPL

Continuously Variable Pattern Condenser Desktop Boundary Microphone

Now one boundary mic can suit almost any challenge when tasked to perform on altars, conference tables and stage floors or in media production. Because the Astatic 930VPL has variable pick-up pattern selection it can shorten the list of products an audio system designer requires when boundary mics are specified. From omni-directional to cardioid, hypercardioid, figure-of-eight and all tight or wide directional pick-up patterns in between, an installer or designer can precisely tailor the mic's pick-up pattern for the best performance depending on the application or environment. Selectable power up on or power up muted modes using dip switches. Features the RF Resistant Architecture, programmable feather touch membrane with LED, contact closure in and out interface, and a bottom exit cable option.

Specifications

Operating Principal	Permanently-Biased Condenser
Polar Pattern	Continuously Variable
Frequency Response	90Hz – 17KHz
Sensitivity	-32 dBV (25 mV) @ 1 Pa
Impedance	120 ohms
Max SPL	120 dB
Self Noise	29 dBA
Power Requirements	P12, P24, P48, 4mA



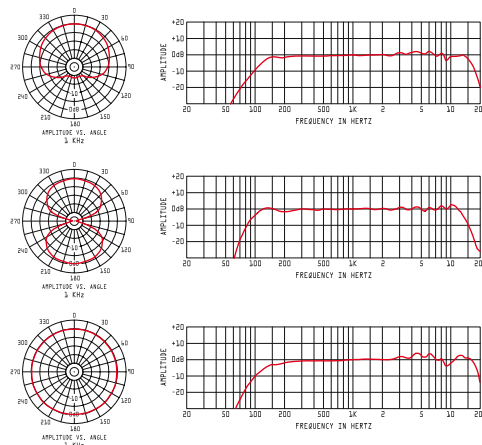
220VP

Continuously Variable Pattern Condenser Boundary Microphone

Miniature installation, continuously variable polar pattern, button-style, condenser boundary microphone designed for surface installation. Special attention has been given to design the 220VP to resist interference from cell phones, two-way communication, and other RF devices. The integral 80Hz, 12dB/octave high-pass filter removes unwanted low-frequency energy to improve intelligibility. The all metal, threaded body and shock-absorbing bushings make for easy installation in surfaces up to 3" thick. For remote polar control add the VPC-1 or a compatible DSP. Available in Black or White (add "W" to the model number for white).

Specifications

Operating Principal	Permanently-Biased Condenser
Polar Pattern	Continuously Variable
Frequency Response	90Hz – 17KHz
Sensitivity	-32 dBV (25 mV) @ 1 Pa
Impedance	125 ohms
Max SPL	120 dB
Self Noise	24 dBA
Power Requirements	P12, P24, P48, 4mA





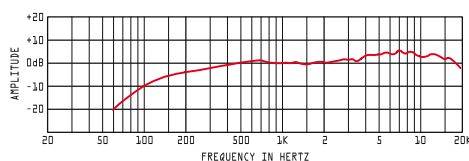
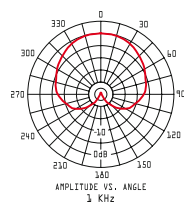
915B/920B

Cardioid Mini Condenser Gooseneck Microphone

Dual flex point, quick-mount cardioid gooseneck condenser mics for speech and vocal pickup. May be used for lectern, courtrooms, conference rooms and House of Worship applications. 15" and 20" lengths available and noted in the model number.

Specifications

Operating Principal	Permanently-Biased Condenser
Polar Pattern	Cardioid
Frequency Response	150Hz – 20KHz
Sensitivity	-32 dBV (25 mV) @ 1 Pa
Impedance	440 ohms
Max SPL	132 dB
Self Noise	26 dBA
Power Requirements	P12, P24, P48, 5mA



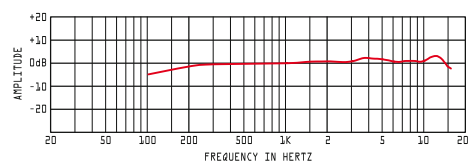
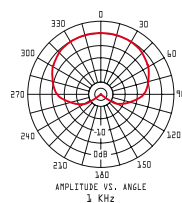
827A

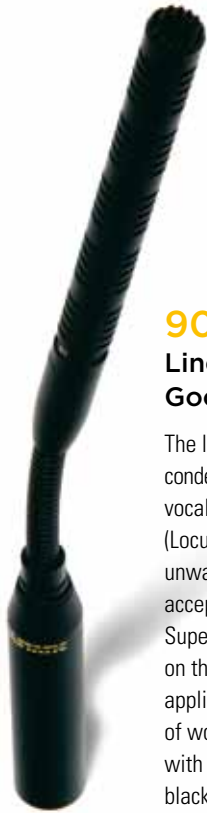
Cardioid Mini Condenser Gooseneck Microphone

Quick-mount cardioid gooseneck condenser mics for speech and vocal pickup. May be used for lectern, courtrooms, conference/meeting rooms, paging, telecommunications and intercom systems. Matte black finish and available in 17" (827A-13) and 22" (827A-17) total lengths.

Specifications

Operating Principal	Permanently-Biased Condenser
Polar Pattern	Cardioid
Frequency Response	100Hz – 16KHz
Sensitivity	-50 dBV (3.2 mV) @ 1 Pa
Impedance	350 ohms
Max SPL	120 dB
Self Noise	30 dBA
Power Requirements	P12, P24, P48, 5mA





905R

Line-Cardioid Mini Condenser Gooseneck Microphone

The line-cardioid, quick-mount, miniature gooseneck condenser microphone is designed for speech and vocal pick-up. The line-cardioid polar pattern (Locus™ technology) is engineered to attenuate unwanted sources outside of the +/- 45 degree acceptance angle while effectively utilizing the Supersensitive™ technology to “zero-in” on the desired speaker. The 905R is appropriate for applications such as boardrooms, courtrooms, house of worship and anywhere a gooseneck microphone with optimal distance pick-up is needed. Matte black finish with an overall length of 11”. Windscreen and FM-2A XLR-F mount included.



727-18

Cardioid Mini Dynamic Gooseneck Microphone

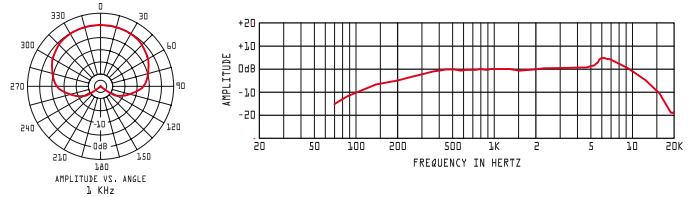
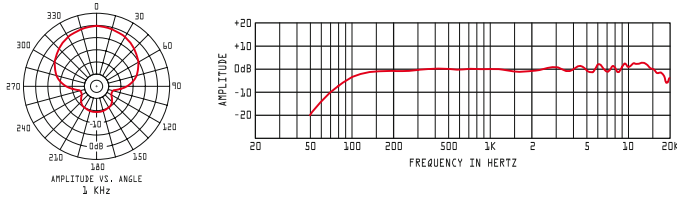
Special attention has been taken to ensure this microphone has high sensitivity while providing the durability and dependability associated with traditional dynamic microphones. The smooth frequency response with articulation emphasis makes this microphone suitable for speech applications on podiums, desks, audio and equipment consoles. Matte black finish with an overall length of 18”.

Specifications

Operating Principal	Permanently-Biased Condenser
Polar Pattern	Line-Cardioid
Frequency Response	70Hz – 18KHz
Sensitivity	-15 dBV (0.18 Vrms) @ 1 Pa
Impedance	150 ohms
Max SPL	111 dB
Self Noise	18 dBA
Power Requirements	P12, P24, P48, 2mA

Specifications

Operating Principal	Moving Coil Dynamic
Polar Pattern	Cardioid
Frequency Response	200Hz – 16KHz
Sensitivity	-56 (1.6 mV) @ 1 Pa
Impedance	600 ohms



SuperSensitive™





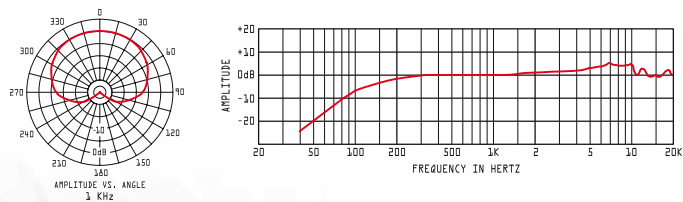
901R

Cardioid Desktop Boundary Condenser Microphone

Portable or mounted boundary mic for use on conference tables or stage floors. Featuring an all metal body and rugged rubber bottom make this a commercial grade boundary microphone. Improved RF immunity to greatly reduce susceptibility to radio interference from GSM based cell phones, PDA/cell phones and other similar devices. 30' cable, zippered pouch and mounting screws included.

Specifications

Operating Principal	Permanently-Biased Condenser
Polar Pattern	Cardioid
Frequency Response	100Hz – 20KHz
Sensitivity	-33 dBV (22 mV) @ 1 Pa
Impedance	150 ohms
Max SPL	127 dB
Self Noise	25 dBA
Power Requirements	P12, P24, P48, 2.4mA



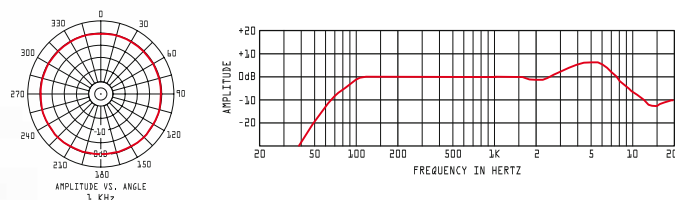
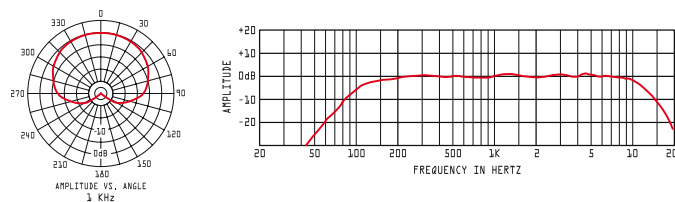
201R/202RW

RF Resistant Mini-Boundary Condenser Microphone

Miniature installation button style condenser boundary mics for use in teleconferencing or voice lift sound reinforcement. Other applications include surveillance, ambient recording or audio observation applications. Improved RF immunity to greatly reduce susceptibility to radio interference from cell phones, PDA or similar two-way communication devices. Available in omnidirectional in white (202RW) or cardioid in black (201R). Metal nut/washer hardware supplied.

Specifications

Operating Principal	Permanently-Biased Condenser
Polar Pattern	Cardioid, Omnidirectional
Frequency Response	90Hz – 17KHz
Sensitivity	-32 dBV (25 mV) @ 1 Pa
Impedance	150 ohms
Max SPL	129 dB
Self Noise	29 dBA
Power Requirements	P12, P24, P48, 2.4mA



BOUNDARY

ASTATIC
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210

Omnidirectional Condenser Button Style Microphone with Adjustable Line-Level Output and Integrated Audio Limiter

The Astatic 210 is a miniature-boundary microphone designed for installation in security, ambient monitoring and observation applications. The output level is variable from -30dBV (32mV) to +8dBV (2.5V) @ 1 Pa which is designed to interface with security cameras, digital video recorders and other observation and recording devices.

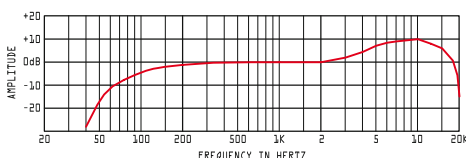
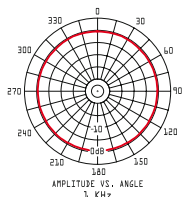
Astatic's internal audio limiter circuitry tames high sound pressure levels and improves intelligibility by protecting the audio signal from distorting sensitive recording circuitry in cameras and digital recorders. The integrated volume control is located on the side of the microphone and is protected from tampering when the microphone is installed. The integrated 180Hz, 6dB/oct high-pass filter attenuates unwanted low frequency energy.

8 to 18 VDC (70mA) is required to power the microphone (not supplied). The connection is made through a removable phoenix style connector on the opposite end of the microphone. The connector accepts DC power and outputs an unbalanced, amplified signal.

The Astatic 210 housing is all-metal, designed for commercial applications. The threaded housing makes for easy installation into ceilings, walls, tables and other surfaces. Rubber isolation bushings and metal nut/washer hardware are also provided.

Specifications

Operating Principal	Permanently-Biased Condenser
Polar Pattern	Omnidirectional
Frequency Response	120Hz – 18KHz
Sensitivity	-30 dBV (32mV) to +8 dBV (2.5V) @ 1 Pa
Impedance	50 ohms
Max SPL	110 dB
Self Noise	22 dBA
Power Requirements	8 to 18 VDC, 70mA



OVERHEAD CONDENSER

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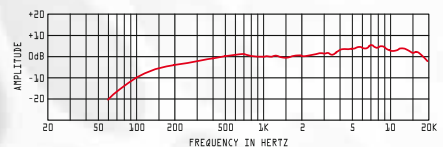
900

Cardioid Overhead Condenser Microphone

Miniature overhead cardioid condenser mics for speech, vocal and choral pickup. May be used for installation over choirs, in courtrooms, conferencing and in meeting rooms. 30' of cable is permanently attached to the flex gooseneck for easy positioning and adjustments when suspended. Available in Black or White (add "W" to the model number for white version).

Specifications

Operating Principal	Permanently-Biased Condenser
Polar Pattern	Cardioid
Frequency Response	150Hz – 20KHz
Sensitivity	-32 dBV (25 mV) @ 1 Pa
Impedance	440 ohms
Max SPL	132 dB
Self Noise	26 dBA
Power Requirements	P12, P24, P48, 5mA





AMC105

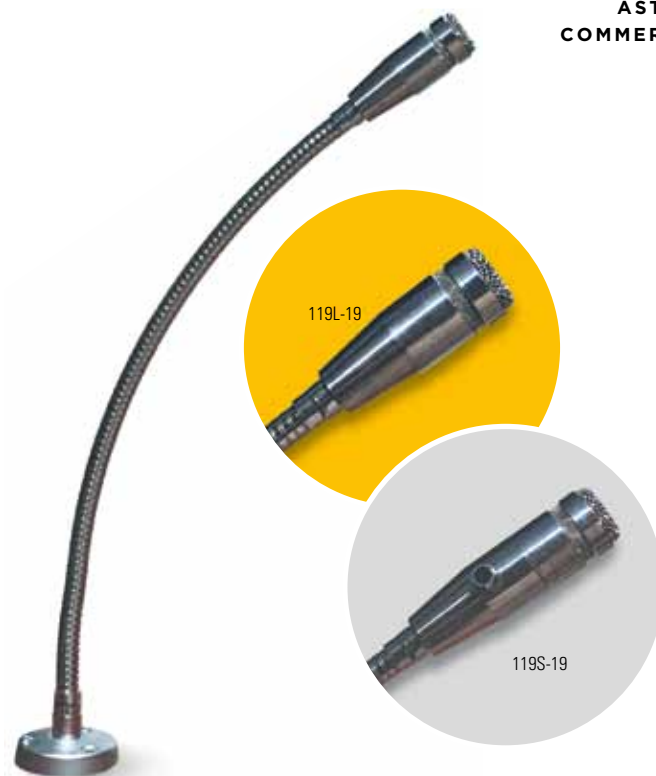
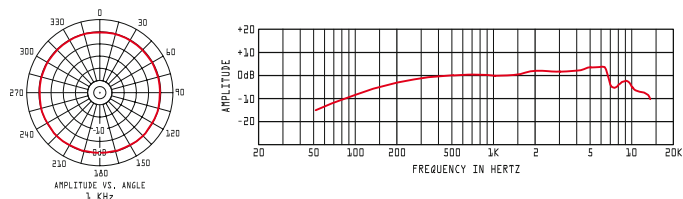
Omnidirectional Dynamic Heavy-Duty Microphone with Push-to-Talk Switch

For fixed paging applications such as fast-food restaurants, supermarkets, gas stations, busing and transportation, commercial facilities and dispatch. omnidirectional for "forgiving" pick-up of users that may not be "focused on" or "committed to" the mic. Long lasting push-to-talk switch with external contact closure. Dual zone available as the AMC105-2-19 featuring two DPDT sealed micro switches with color coded buttons for easy identification, permits paging in two areas, and an all-call feature is obtained by depressing both buttons simultaneously. 19" heavy-duty chrome plated gooseneck and 2 3/4" flange included. 6' cable terminates with stripped and tinned ends.

- AMC105SNO-19:** Single Zone 19" Heavy-Duty Gooseneck and Flange
- AMC105-0074:** Single Zone 19" Heavy-Duty Gooseneck and Flange Separated
- AMC105-2-19:** Dual Zone 19" Heavy-Duty Gooseneck and Flange

Specifications

Operating Principal	Moving Coil Dynamic
Polar Pattern	Omnidirectional
Frequency Response	150Hz – 10KHz
Sensitivity	-56 dBV (1.6 mV) @ 1 Pa
Impedance	550 ohms



119L/119S

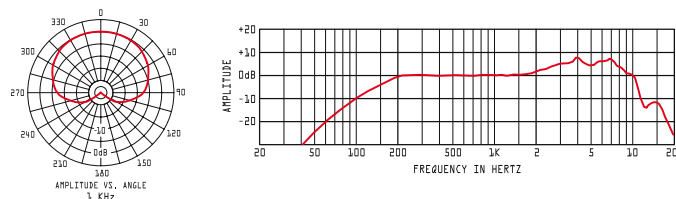
Cardioid Dynamic Heavy-Duty Microphone

For fixed paging applications such as fast-food restaurants, supermarkets, gas stations, busing and transportation, commercial facilities and dispatch. Cardioid directional pick-up for maximum rejection of feedback or unwanted ambient noise. Should require up-close, focused attention by user. Switched version available with long lasting switch and external contact closure. 19" heavy-duty chrome plated gooseneck and 2 3/4" flange included. 6' cable terminates with stripped and tinned ends.

- 119L-19:** No Switch 19" Heavy-Duty Gooseneck and Flange
- 119LB-19:** No Switch Matte Black 19" Heavy-Duty Gooseneck and Flange Separated
- 119S-19:** Single Switch 19" Heavy-Duty Gooseneck and Flange

Specifications

Operating Principal	Moving Coil Dynamic
Polar Pattern	Cardioid
Frequency Response	120Hz – 12KHz
Sensitivity	-57 dBV (1.6 mV) @ 1 Pa
Impedance	600 ohms



DYNAMIC PAGING

ASTATIC
COMMERCIAL



611L/631L/651

Palm Held Dynamic Microphone with Push-to-Talk Switch

The palmheld microphone series is designed for sound installations. The frequency response, especially tailored for voice communications, provides a crisp, clear, highly intelligible sound. The ergonomic teardrop housing is tough and the transducer resists atmospheric extremes. The palmheld series have low-impedance output and is factory wired normally open. High-cycle DPDT switch mutes the microphone and produces an external contact closure. 6' heavy-duty coiled cord is stripped and tinned.

- 611L:** Omnidirectional Dynamic
631L: Noise Cancelling Dynamic
651: Omnidirectional Dynamic

611L: Specifications

Operating Principal	Moving Coil Dynamic
Polar Pattern	Omnidirectional
Frequency Response	200Hz – 6500Hz
Sensitivity	-58 dBV (1.6 mV) @ 1 Pa
Impedance	360 ohms

631L: Specifications

Operating Principal	Moving Coil Dynamic
Polar Pattern	Noise Cancelling
Frequency Response	200Hz – 5500Hz
Sensitivity	-62 dBV (.8 mV) @ 1 Pa
Impedance	180 ohms

651: Specifications

Operating Principal	Moving Coil Dynamic
Polar Pattern	Omnidirectional
Frequency Response	500Hz – 8KHz
Sensitivity	-49 dBV (3.6 mV) @ 1 Pa
Impedance	600 ohms



878HL-2

Omnidirectional Desktop Dynamic with Push-to-Talk or Lift-to-Talk Microphone

The 878HL-2 is designed for fixed or temporary paging applications. The frequency response is broad with a gentle rise in the high midrange for speech intelligibility. 6' cable provided with stripped and tinned ends.

Specifications

Operating Principal	Moving Coil Dynamic
Polar Pattern	Omnidirectional
Frequency Response	80Hz – 12KHz
Hi-Z Sensitivity	-43 dBV (7.2 mV) @ 1 Pa
Impedance	40K ohms
Lo-Z Impedance	400 ohms
Sensitivity	-60 dBV (1 mV) @ 1 Pa



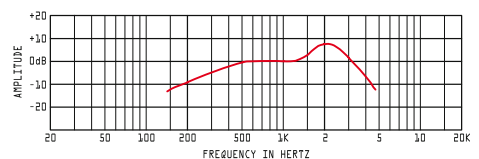
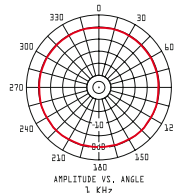
WM-625/WM625S/WM1000

Omnidirectional Wall Mount Dynamic Microphone

For intercom and P.A., the WM625 and WM625S are designed especially for mounting to wall outlet boxes. The WM625S has a simple push-to-operate DPDT snap-action switch. The WM1000 resists extremes in temperature and humidity found in outdoor environments. High impedance output with 1/4" connector.

Specifications

Operating Principal	Moving Coil Dynamic
Polar Pattern	Omnidirectional
Frequency Response	300Hz – 4KHz
Sensitivity	-42 dBV (7.9 mV) @ 1 Pa / -38dBV
Impedance	500 ohms / 2500 ohms



LIVE PERFORMANCE

LIVE PERFORMANCE

The Live Performance Series has a microphone solution for every stage, arena and theatre. From industry leading percussion and instrument mics to premium vocal mics, our live series will give you the sound you want and need, at a price you can afford.

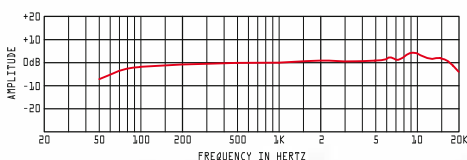
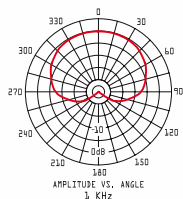
C195

Cardioid Handheld Condenser Microphone

Designed for demanding vocalists, the C195 low noise, electret condenser microphone delivers superlative performance on-stage. Transformerless electronics optimize the C195's low frequency response while reducing distortion. The C195's Flex-Form™ hardened steel grille screen dramatically resists deformation while diminishing the risk of poor performance caused by a bent or dented ball screen. CAD's (I.N.R.™- 3) Impact Noise Reduction system optimizes performance in live settings. A durable "soft-feel" coating provides additional protection and reliability. Mic clip and 15' XLRM to XLRF microphone cable included.



Specifications	
Operating Principal	Permanently-Biased Condenser
Polar Pattern	Cardioid
Frequency Response	55Hz – 20KHz
Sensitivity	-35 dBV (18 mV) @ 1 Pa
Impedance	500 ohms
Max SPL	132 dB (pad engaged)
Self Noise	22 dBA
Power Requirements	P12, P24, P48, 5 mA





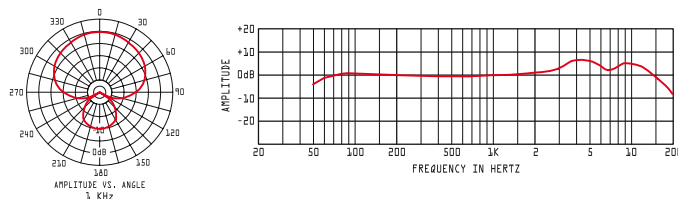
D189

Supercardioid Neodymium Dynamic Microphone

The D189 is a rugged dynamic microphone that delivers exceptional sound quality in a variety of live sound applications. The mic's proprietary Flex-Form™ hardened steel grille screen withstands deformation caused by on-stage abuse. CAD's (I.N.R.™-2) Impact Noise Reduction system optimizes performance in live settings. A durable "soft-feel" coating provides extra protection and ensures greater reliability. The D189 is ideal for those who want exceptional sonic performance and durability in a live microphone. Mic clip and 15' XLRM to XLRF microphone cable included.

Specifications

Operating Principal	Moving Coil Dynamic
Polar Pattern	Supercardioid
Frequency Response	40Hz – 18KHz
Sensitivity	-54 dBV (2 mV) @ 1 Pa
Impedance	200 ohms



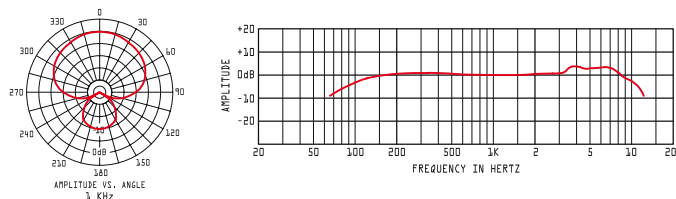
CAD25A

Supercardioid Handheld Dynamic Microphone

The CAD25A microphone is fully professional in design, sound quality and construction, yet affordable. Its extended frequency response and wide dynamic range allows the CAD25A to reproduce a detailed, natural sound. Its uniform supercardioid pattern reduces feedback on-stage while close miking provides a warm bass boost. CAD's Flex-Form™ hardened steel grille screen withstands deformation and minimizes the adverse effects of a dented ball screen. The CAD25A comes equipped with a recessed on/off switch. Mic clip and 15' XLRM to XLRF microphone cable included.

Specifications

Operating Principal	Moving Coil Dynamic
Polar Pattern	Supercardioid
Frequency Response	80Hz – 13KHz
Sensitivity	-53 dBV (2.3 mV) @ 1 Pa
Impedance	500 ohms





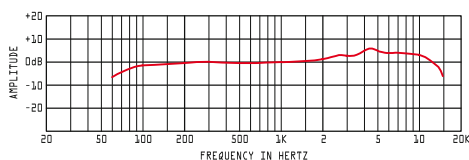
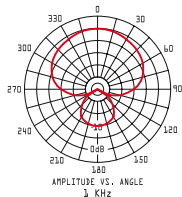
CAD22A

Supercardioid Handheld Dynamic Microphone

Delivering professional performance at a cost-effective price, the CAD22A features a wide frequency response that produces an accurate, natural sound across the audible range. Its uniform supercardioid polar pattern reduces unwanted feedback on-stage. CAD's Flex-Form™ hardened steel grille screen withstands deformation and minimizes the adverse effects of a dented ball screen. The CAD22A comes equipped with a recessed on/off switch. Mic clip and 15' XLRM to XLRF microphone cable included.

Specifications

Operating Principal	Moving Coil Dynamic
Polar Pattern	Supercardioid
Frequency Response	60Hz – 15KHz
Sensitivity	-54 dBV (2 mV) @ 1 Pa
Impedance	500 ohms



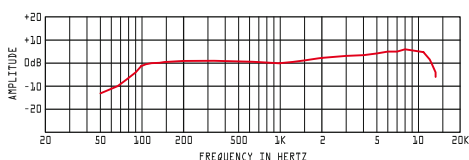
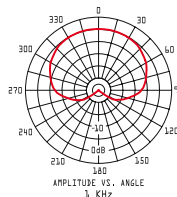
CAD12

Cardioid Dynamic Microphone

Excellent for vocals and instruments. Wide frequency response for accurate, natural sound reproduction. Cardioid polar pattern for superior feedback rejection. Flex-Form hardened-steel grill for durable performance. Includes mic clip. Recessed on-off switch. All-metal housing.

Specifications

Operating Principal	Moving Coil Dynamic
Polar Pattern	Cardioid
Frequency Response	80Hz – 13KHz
Sensitivity	-56 dBV (3.2 mV) @ 1 Pa
Impedance	500 ohms





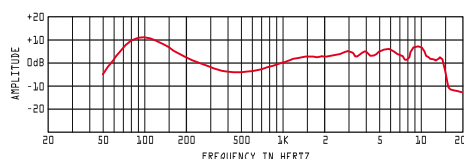
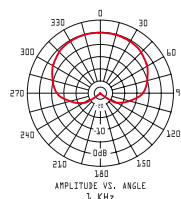
D10

Cardioid Dynamic Microphone

Dialed in at the factory for the thump and crack of your kick drum. All metal housing with integrated mic clip. Available in Stage Series Drum Packs.

Specifications

Element	Moving Coil Dynamic
Directional Pattern	Cardioid
Frequency Response	50Hz – 16KHz
Sensitivity	-67 dBV (0.45 mV)
Impedance	60 ohms



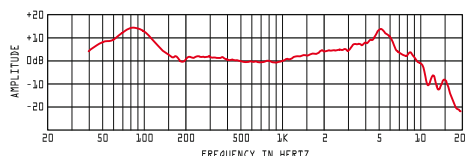
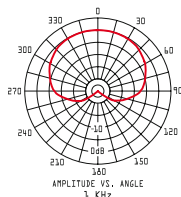
D12

Neodymium Cardioid Dynamic Microphone

The D12 is a cardioid neodymium dynamic microphone specifically designed for bass drum and other low frequency sources. The D12's wide dynamic range and fast transient response produces an open, detailed sound with extra punch when miking kick drums, large percussive instruments, and bass guitar amplifiers. All metal housing with integrated mic clip. Available in Stage Series Drum Packs or separately.

Specifications

Operating Principal	Moving Coil Dynamic
Polar Pattern	Cardioid
Frequency Response	30Hz – 12KHz
Sensitivity	-66 dBV (.5 mV) @ 1 Pa
Impedance	60 ohms



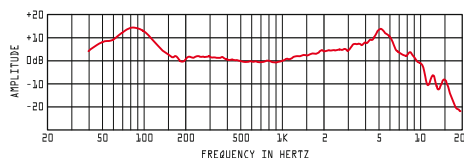
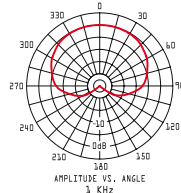
KBM412

Neodymium Cardioid Dynamic Microphone

The KBM412 is specifically designed for low frequency sources producing extra punch when miking kick drums. Isolation mic clip included.

Specifications

Operating Principal	Moving Coil Dynamic
Polar Pattern	Cardioid
Frequency Response	30Hz – 12KHz
Sensitivity	-66 dBV (.5 mV) @ 1 Pa
Impedance	60 ohms



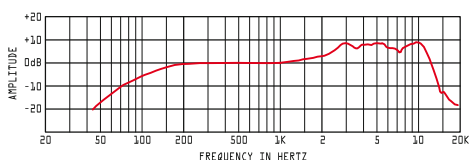
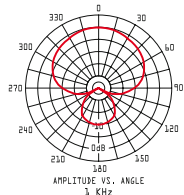
TSM411

Neodymium Supercardioid Dynamic Microphone

A versatile multi-purpose percussion/instrument microphone, the TSM411 incorporates "dual point" suspension to maximize sonic performance and ensure excellent shock isolation and ballistic stability critical to the successful reproduction of toms, snares, cymbals, congas, and guitar amps. The TSM411 has an open, accurate sound.

Specifications

Operating Principal	Moving Coil Dynamic
Polar Pattern	Supercardioid
Frequency Response	100Hz + 15KHz
Sensitivity	-56 dBV (1.6 mV) @ 1 Pa
Impedance	310 ohms



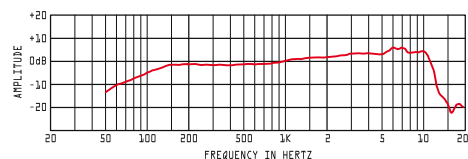
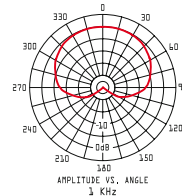
D29

Cardioid Dynamic Microphone

Designed for toms. Integrated drum mount clip for easy setup and adjustment. Sold only in Stage Series Drum Packs.

Specifications

Element	Moving Coil Dynamic
Directional Pattern	Cardioid
Frequency Response	90Hz – 13KHz
Sensitivity	-53 dBV (2.2 mV) @ 1 Pa
Impedance	560 ohms



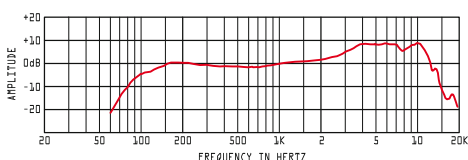
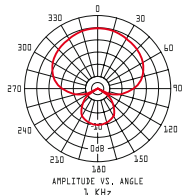
D19

Supercardioid Dynamic Microphone

Designed for snare drums. Integrated drum mount clip for easy setup and adjustment. Sold only in Stage Series Drum Packs.

Specifications

Element	Moving Coil Dynamic
Directional Pattern	Supercardioid
Frequency Response	90Hz – 14KHz
Sensitivity	-56 dBV (1.6 mV) @ 1 Pa
Impedance	300 ohms



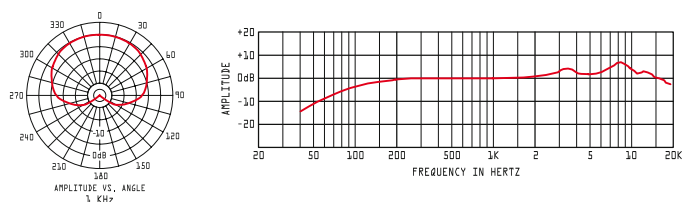


ICM417

Cardioid Condenser Microphone

Ideal for miking cymbals, overheads and stringed instruments, the ICM417 electret condenser produces a natural, transparent sound with exceptional accuracy and detail. The ICM417's cardioid pattern and transformerless design produce a balanced frequency response across the spectrum with minimal distortion.

Specifications	
Operating Principal	Permanently-Biased Condenser
Polar Pattern	Cardioid
Frequency Response	80Hz – 20KHz
Sensitivity	-28 dBV (40 mV) @ 1 Pa
Impedance	480 ohms
Max SPL	120 dB
Self Noise	26 dBA
Power Requirements	P12, P24, P48, 5mA

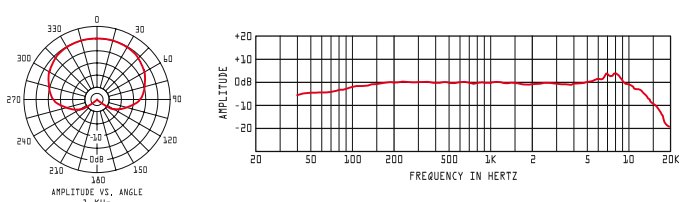


C9

Cardioid Condenser Microphone

Designed for drum overheads, high hat, ride cymbal and stringed instruments, the C9 cardioid condenser microphone captures the subtle nuance of acoustic instruments and the presence and attack of cymbals. Available in Stage Series Drum Packs or separately.

Specifications	
Operating Principal	Permanently-Biased Condenser
Polar Pattern	Cardioid
Frequency Response	40Hz – 13KHz
Sensitivity	-41 dBV (8.9 mV) @ 1 Pa
Impedance	150 ohms
Power Requirements	P12, P24, P48, 5mA





STAGE7

7 Piece Drum Mic Pack

Includes three D29 dynamic tom mics, one D19 dynamic snare mic, both with integrated drum clips, one D10 dynamic kick drum mic with clip, and two C9 overhead condensers with clips. Protective carrying case included.



STAGE4

4 Piece Drum Mic Pack

Includes two D29 dynamic tom mics, one D19 dynamic snare mic, both with integrated drum clips, and one D10 dynamic kick drum mic with clip. Protective carrying case included.



TOURING7

7 Piece Premium Drum Mic Pack

The Touring7 is an assortment of the finest percussion mics CAD offers in one premium drum microphone pack. Includes four TSM411 dynamic tom/snare mics, one D12 dynamic kick drum mic, and two GXL1200 overhead condensers. The Touring7 comes with clips for all the mics plus four DMC-1 drum mounting clips for your toms and snare. Protective carrying case included.

PERSONAL AUDIO

PERSONAL AUDIO

The Personal Audio Series continues to grow as technology becomes a staple of everyday life. This product offering fits your personal audio needs for listening devices and digital recording direct to computer. CAD offers a variety of earphones and affordable USB plug and play microphone solutions for home recording, internet gaming, and podcasting. CAD will continue to offer innovative products designed around evolving technology.





U1

USB Cardiod Dynamic Microphone

Record directly to your computer with this easy to use cardiod dynamic handheld microphone with USB output. On/off switch for quickly muting the microphone. Tripod stand and USB cable included. Use the U1 for podcasting, audio for video or recording to your favorite audio editing software. Windows and Macintosh compatible.



U37

USB Cardiod Condenser Studio Recording Microphone

Record directly to your computer using this large condenser microphone with USB output. Smooth, extended frequency response is excellent for singing, speech and instrument recording. -10dB overload-protection switch minimizes distortion from loud sound sources. Bass reduction switch reduces room noise. Tripod stand and USB cable included. Use the U37 for podcasting, audio for video or recording to your favorite audio editing software. Windows and Macintosh compatible.



U2

USB Stereo Headphones with Cardiod Condenser Microphone

Use the U2 for VoIP, language labs, gaming, podcasting or personal audio playback. Condenser microphone is mounted on a flexible gooseneck boom for easy positioning. Headphone transducers provide clean, accurate sound reproduction needed for today's digital audio sources. Headphones are light weight and can be easily cleaned with a light alcohol based cleaner. USB cable and foam windscreen is included. Windows and Macintosh compatible.



U7

USB Omnidirectional Condenser Tabletop Recording Microphone

Plug into your computer and start recording. Designed for home and office use with a frequency response tailored for speech. Excellent for laptops. Dictate meeting notes. Add audio to slide presentations. Great for legal records. 10' USB cable included. Windows and Macintosh compatible.



U9

Cardiod USB MiniMic

The U9 USB MiniMic is a compact microphone solution for recording on the go. It features a low-profile compact design and a 3.5mm (1/8") headphone jack for playback. The 180 degree swivel and cardiod capsule allows precise placement and maximum sound quality while Podcasting, Skyping, VoIP or recording music. The power LED indicator when the mic is on and operational.



DH100

Drummer Isolation Headphones

The DH100 is a high output stereo isolation headphone with extended bass frequency response. It is equipped with 50mm neodymium drivers for exceptional detail and clarity. It enables the musician to monitor music or a click track during a recording session or live performance with superior clarity while attenuating ambient noise by 19 dB. The DH100 is an essential tool for enhanced performance, rehearsal and recording. 1 meter cord with 1/4" and 1/8" connectors included.

Specifications	
Frequency Response	10Hz to 20KHz
Sensitivity	105 dB @ 1mW
Driver	50mm Neodymium
Maximum Power Rating	500 mW
Ambient Noise Reduction	19 dB



MH310

Closed-Back Studio Headphones

The MH310 is a closed-back, circumaural, precision built monitor headphone. It is equipped with 50mm neodymium drivers for exceptional detail and clarity. The MH310 is designed with a self-adjusting headband for hours of fatigue free listening. The MH310 is an essential tool for enhanced studio performance and a vital accessory for the professional musician. 2.5 meter cord with 1/4" and 1/8" connectors included.

Specifications	
Frequency Response	10Hz to 30KHz
Sensitivity	98 dB @ 1mW
Driver	50mm Neodymium
Impedance	30 ohms



NB1

Noise Isolating Earphones

The NB1 are high quality, noise isolating earphones designed for everyday use for portable music listening devices. High output 8.5mm driver with neodymium magnet is used for clear, robust audio from personal audio players. Includes three sizes of earbuds made of durable soft-silicone easily fitting many ear shapes and sizes while isolating the ear canal from outside noise. 1/8" stereo plug, 1/4" stereo plug, airline adapter and nylon storage case included.

Specifications

Frequency Response	20Hz to 18KHz
Sensitivity	98 dB @ 1mW
Impedance	14 ohm



NB1B

Noise Isolating Earphones with Extended Bass Response

The NB1B are high quality, noise isolating earphones with enhanced base performance designed for everyday use for portable music listening devices. They use a high output 8.5mm driver with neodymium magnet for clear, robust audio from personal audio players. Enhanced bass performance with up to 3X the bass of most earphones. Includes three sizes of earbuds made of durable soft-silicone easily fitting many ear shapes and sizes while isolating the ear canal from outside noises. 1/8" stereo plug, 1/4" stereo plug, airline adapter and nylon storage case included.

Specifications

Frequency Response	10z to 19KHz
Sensitivity	98 dB @ 1mW
Impedance	14 ohm



NB2

Noise-Cancelling Professional Earphone

The CAD NB2 active noise cancelling headphones are professional grade in-ear monitors with superb sound quality. They use a high-output 9mm driver with neodymium magnet for clear, robust audio and are great for travel and music listening in challenging sound environments. They are compatible with BlackBerry®, iPod®, iPhone®, MP-3 and other portable music listening devices. NB2 headphones include a 1/8" mini stereo plug, 1/4" stereo plug, airline adapter, three different sizes of earbuds for precision fit and maximum performance, a storage gig bag and battery.

Specifications

Frequency Response	20Hz to 20KHz
Sensitivity	96 dB/mW (Power On) 96 dB/mW (Power Off)
Impedance	16 ohm (power On) 16 ohm (power Off)
Active Noise Reduction Range	40Hz to 5KHz
Max Noise Reduction Level	16dB @100Hz – 300Hz



ACCESSORIES

Audio Cables



40-351

100' Cable terminated with 3-pin XLRM to XLRF



40-350

50' Cable terminated with 3-pin XLRM to XLRF



40-352

25' Cable terminated with 3-pin XLRM to XLRF



40-354

30' Cable terminated with 3-pin XLRM & TA3F



40-355

30' Cable terminated with 3-pin XLRM & TA4F



40-360

24" Cable terminated with 3-pin XLRF & Phoenix-type plug

Stands



MB-1

56" Miniature Choir Boom with TA3F and TA3M for use with the 1600VP microphone system



MB-18

18" Miniature Gooseneck with TA3F and XLRM for use with the 1600VP microphone system



TBS-2

Floor Stand 33" to 66" adjustable matt black post and 10" matt black base, 8.5lbs



40-107

Desk Stand with a 9" to 13" matt black post and 6" matte black base, 3lbs



40-105

Desk Stand with a 4" matt black stem and 6" matte black base, 2.5lbs

Shock Mounts



e100-SM

Elastic Suspension Shock Mount for the e100 2nd generation



MZM-5

Elastic Suspension Shock Mount for M177, M179, and M9



GZM-6

Elastic Suspension Shock Mount for the GXL3000, GXL2400 and GXL2200



40-315

Mounting Bracket for all palm held microphones



40-343

Snap-In, Adjustable Stand Clamp for all handheld microphones



40-341

Universal Spring Loaded "Butterfly" Microphone Holder



DSM1

The DSM1, Drum Shock Mount, is equipped with a patented dual point suspension system that provides superior isolation from shocks and vibration. Designed for use on lug-style drums, the DSM1 is easily adjusted to fit most drum sizes.



DMC1

The DMC-1 is an affordable drum mic clip with adjustable height and strain relief that provides isolation from shocks and vibration. Designed for use on all snare and tom drums, the DMC-1 easily attaches to most rims.

Gooseneck Accessories



GSM-1

The GSM-1, Heavy-Duty Installation Gooseneck Shock Mount, is equipped with a patented dual point suspension system that provides superior isolation from shocks and vibration. Designed to be installed in podiums, desks and other surfaces both horizontal and vertical. Features a Switchcraft™ XLR-F connector and 6' of cable with a stripped and tinned end.



40-116

Shock Mounted Base with selectable Push-to-talk or Push-to-mute switch, no phantom power required



40-117

Shock Mounted Base with selectable Push-to-talk or Push-to-mute switch with Active LED, phantom power required



40-118

Shock Mounted Base with selectable momentary or latching soft switch and mic active LED, phantom power required



40-119

Shock Mounted Base with 3-pin audio input and 5-pin output for external contact closure – no mute, no phantom power required



FM-1A

Surface mount installation XLR-F type Connector with 2 3/4" matte black flange. 6' cable with stripped and tinned ends with cable exit on the bottom or side of post. Post stands 3 3/4" above the surface. Fits gooseneck microphones with XLR-M mounting connector.



FM-2A

Installation XLR-F type Connector with a 1 3/4" mounting flange and locking ring. Fits gooseneck microphones with XLR-M mounting connector.

Control Boxes and Mounts



VPC-1

Remote Variable Pattern Control Box for microphones with Variable Pattern Control. VPC-1 is rack mountable with the RU-1 up to 6 units per shelf.



RU-1

19" Rack Mount Shelf for the VPC-1 control box. Up to six VPC-1 units can be mounted in the RU-1. Mounting hardware included.

Windscreens



WS-2

Foam Windscreen for M177 and M179



WS-3

Foam Windscreen for M9



40-306

Windscreen for miniature gooseneck microphones, charcoal only, 2 per pack.



EPF-15A

Pop Filter with 6" diameter screen on 15" gooseneck.

Connectors & Wall Plates



40-337

Neutrik® brand 3-pin XLR-F type Bulk Connector



40-338

Neutrik® brand 3-pin XLR-M type Bulk Connector



40-347

Wall Plate with single female 3-pin panel XLR type connector. Single duplex style stainless steel wall plate with mounting screws.



40-348

Wall Plate with dual female 3-pin panel XLR type connectors. Single duplex style stainless steel wall plate with mounting screws.



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