



*It all comes back
to the sound*



Full Line Catalog

Microphones

Wireless Systems

Headphones

Microphone Accessories



CREST A/V ELECTRONICS

1662 MAIN STREET

BUFFALO, NY 14209

PHONE: 716-885-5878 / 800-CRESTAV

FAX: 716-885-5882

If You Didn't Get This From My Site,
Then It Was Stolen From

www.SteamPoweredRadio.Com



Designing microphones and headphones is both a science and an art. This is a concept well understood at AKG. Over the past 50 years, we have consistently married the two to create some of the truest and most natural-sounding microphones and headphones in history.

AKG was founded in 1947 in the city of Vienna, Austria, home to some of the finest composers of all time—Beethoven, Mozart, Brahms, Haydn, Schubert, Mahler, Schoenberg and, of course, the Strauss family, to name a few. When it comes to crafting products such as ours, the critical judgements of a finely trained ear—something Vienna has no shortage of—can make the crucial difference between a good microphone and a legendary one.

Our research and development laboratories are the largest, best-equipped and most productive of their kind in the world. Since AKG's beginnings, we have been granted over 1,400 patents—more than all of our competitors combined. Over 300 of these patents directly involve leading edge developments in the field of transducer technology. We employ more than 50 engineers in full-time research and development, and provide them with the most advanced tools available for computerized design, testing and performance simulation.

Throughout the years, AKG has become widely recognized as an innovative manufacturer of “firsts”. In 1953, we created the world's first remote-controlled multi-pattern capacitor microphone, the legendary C12. Shortly thereafter, AKG pioneered the first single-diaphragm dynamic cardioid mic (*D12*), remote-controlled multi-pattern dynamic mic (*D36*) and professional small-sized capacitor microphone (*C60*). In the years to follow, AKG went on to debut numerous other industry firsts, including two-way cardioid mics (*D202*, *D224*), a wide-band ultrasonic transducer (*CK40*), a modular capacitor mic (*CMS System including C451, CK1 and others*), a portable professional reverberator (*BX20*), dynamic/electrostatic headphones (*K340*), a modular digital time delay unit (*TDU7000*), compact dynamic/electrostatic headphones (*K4*) and a condenser stage mic with convertible polar pattern and alternative phantom or 9V battery powering (*C1000*).

Today, AKG continues to serve diverse markets, from music and recording to permanent install and broadcast, while heavily investing in new technologies. Evidence of these technologies can be found in recent products like the K290S, the world's first surround-sound headphones, and our new Emotion Series microphone line, which pushes the performance of inexpensive musician mics to an unprecedented level. Yet other late-breaking products, like our WMS300 UHF wireless system and C400BL boundary layer microphone, also harness recent advancements to set new standards in their respective markets as well.

Then, of course, there are the standbys that everyone recognizes, such as the AKG 414—perhaps the world's most popular studio microphone—and the C12VR, which combines the classic '50s sound of the C12 with the cutting-edge technology of the '90s.

We here at AKG like to say that “it all comes back to the sound”. And given the sound that AKG has come to be known for, we're confident that critical and discerning listeners around the world will continue to come back for it over the next 50 years.

TABLE OF CONTENTS

RECORDING & BROADCAST MICS

C12VR	1
C414/TLH	1
C414/U/S	1
C426B	2
C1000S	2
C3000	2
C568EB	3
C5600 Tri-Power	3
D230	3
CK77	4
C577	4
C417	4

BLUE LINE SERIES

SE300B Power / Output Module	5
CK91	5
CK92	5
CK93	5
CK94	5
CK98	5
CK97/O	5
CK97/C	5
CK97/CVR	5

ULTRA LINEAR SERIES

C460B	6
C480B	6

ULTRA LINEAR SERIES

CK61U/S	6
CK62U/S	6
CK63U/S	6
CK68U/S	6
CK69U/S	6

PERFORMANCE MICS

D3500 Tri-Power	7
D3600 Tri-Power	7
D3700 Tri-Power	8
D3700S Tri-Power	8
D3800 Tri-Power	8
D3900 Tri-Power	8
C5600 Tri-Power	7
C5900 Tri-Power	8
C535EB	9
D112	9
D655 Performer Series	9
D770 Emotion Series	9
D880 Emotion Series	9
C411	10
C416	10
C418	10
C419	10
C420	10
DB1	10

SPECIALTY MICS

C580E1	11
C621E	11
C647E	11
C747	12
C947CM/E	12
C921CM/E	12
C400BL	13
C680BL	13
C547BL	13
C562BL	13
C562CM	13
D541E	14
D190E/D190ES	14
D58E	14
HSC 100	14
HSC 150	14

WIRELESS SYSTEMS

SR300 Receiver	15
HT300 Handheld Transmitter	15
PT300 Bodypack Transmitter	15
SR900 Rack Mount Receiver	16
SR800 Stationary Receiver	16
C535EB/WL	16
PT900 Bodypack Transmitter	16

HEADPHONES

K1000	17
K444IR	17
K444IR-H	17
K333IR	17
K333IR-H	17
K290-S	17
K290-SB	17
K500	18
K400	18
K300M	18
K200MK II	18
K100	19
K80	19
K70	19
ROX	19
K141M	20
K270S	20
K240DF	20
K240M	20

ACCESSORIES

21—22

MICROPHONE TECHNICAL SPECS

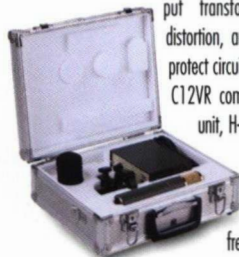
23—30



C12VR VINTAGE REISSUE TUBE MICROPHONE

Production of the original C12 ceased in 1963, and over the years it gradually became a sought-after collectors' item—a legendary recording instrument acclaimed worldwide for its exquisite sound. Now, it's back.

The new C12VR is true to the original C12's electronic and acoustic design with only subtle refinements (made possible by modern manufacturing techniques and improvements in basic circuit components) incorporated to increase overall robustness and reduce susceptibility to hum and noise. With the recreated 1-inch twin diaphragm capsule design and the same 6072 vacuum tube at the heart of its circuitry, the C12VR assures that even the most discriminating users will enjoy the trademark warmth, clarity and presence that characterized the original model. Nine different polar patterns are available, any of which may be remotely selected from the N-12VR powering unit. Other user control features include two bass roll-off filters (also remotely selectable), switchable preattenuation pads, and a switchable 10dB boost in nominal sensitivity. A large core-section output transformer minimizes low frequency distortion, and special shock mounting elements protect circuitry and provide acoustic isolation. The C12VR comes complete with powering/remote unit, H-15/T elastic shock mount suspension, 30-foot connecting cable, W42 foam windscreens, and rugged aluminum carrying case. Individually tested frequency response graph also included.



C414B/TLII "VINTAGE TL"

AKG combines the best of old and new: legendary C12 acoustics and the latest generation of C414 transformerless FET electronics. Although similar to the C414B/ULS in shape and features, the C414B/TLII differs in two important respects. First, the capsule is a faithful sonic recreation of the one used in AKG's classic C12 tube microphone. Above 3 KHz, the TLII takes on vintage C12 characteristics, while below this point the response is ruler flat. Additionally, AKG's new computer-aided manufacturing techniques assure greater uniformity in response from microphone to microphone. Second, the "Vintage TL" incorporates transformerless Ultra Linear Series electronics for extended low-end reproduction with extremely low distortion. The result is a remarkable microphone that exceeds all requirements for digital recording, yet one that also captures the warmth, smoothness, and delicate openness cherished by artists the world over. Switchable polar patterns, preattenuation pads, and bass roll-off filters are the same as in the C414B/ULS. Windscreens, stand adapter, and individually tested frequency response graph included.



C414B/ULS

The C414B/ULS has a well-deserved reputation for flawless performance and uncommon flexibility in the most demanding studio and concert sound applications.

The crisp, full-bodied, and naturally open character of the C414B/ULS makes it a preferred choice for critical recording or reinforcement of vocals, piano, percussion, and other instruments with delicate transient content. Dual one-inch, gold-sputtered diaphragms coupled to Ultra Linear Series electronics deliver exceptionally flat on-axis response, while advanced capsule design assures uniform off-axis transitions. Four selectable polar patterns precisely tailor response for maximum versatility, and two bass filter settings suppress unwanted low frequency components. Extremely low self-noise and high overload points combine for a remarkably wide 126dB dynamic range, well in excess of digital media capabilities. The switchable 10dB or 20dB internal preattenuation pads allow use on instruments producing over 150dB SPL with THD held to less than 0.5%. A worldwide studio standard in every respect, the C414B/ULS comes complete with stand adapter, windscreens, and individually tested frequency response curve.

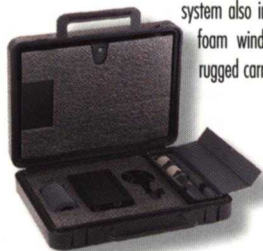




C426B STEREO MICROPHONE

A compact and highly refined microphone system designed for the most critical single-point stereo recording applications.

A direct descendant of AKG's renowned C422 and C24 large diaphragm stereo condensers, the C426B incorporates new technology for significant improvements across virtually all performance parameters: dynamic range, self-noise, sensitivity, linearity, frequency response between channels, and crosstalk. Two gold-splattered 1" twin-diaphragm capsules are arranged in a coincident pair; the microphone head may be rotated 45 degrees against the shaft and the upper system rotated 270 degrees against the lower to facilitate quick changeover from M/S to X/Y techniques. Two tightly focused LEDs mounted on each rotating capsule provide quick visual verification of capsule angle from a distance. Switches on the microphone housing select bass roll-off (12dB/octave at 75Hz) and -10dB preattenuation. Included remote control system allows completely noiseless selection among the nine polar patterns available for each capsule. Complete system also includes shock mount/stand adapter, foam windscreens, 66' connecting cable, and rugged carrying case.



C1000S

Famous for its flexibility, the affordable C1000S condenser microphone is ready for any assignment on stage or in the studio.

Sometimes you have phantom power, sometimes you don't. Sometimes you need a cardioid pattern, other times greater directivity can help you minimize leakage or control feedback. Of course, you always need high sensitivity, high SPL handling with low distortion, and extended frequency response. That's why thousands of sound professionals rely on the C1000S as their "do-it-all" microphone. Included PPC1000 polar pattern converter allows quick changeover from cardioid to hypercardioid when a more directional pickup pattern is required, and powering is by internal 9V battery or external phantom supply. Silent on/off switch is recessed to prevent inadvertent shutoff. Rugged construction qualifies the C1000S for demanding road work, yet pristine condenser response and very low noise make it an excellent choice for recording in home/project studios. Stand adapter, foam windscreens, and case included.



C3000

The sound is pure AKG, but the price is far below what you'd expect for a premium large-diaphragm studio condenser microphone.

Thanks to innovative design and cost-efficient manufacturing, budget-conscious performers and home/project studio owners now can enjoy the unmistakable sound of a premium AKG studio condenser at a remarkably low cost. Combining both large-diaphragm and micro-transducer technologies, the C3000's revolutionary new capsule design—which incorporates gold-coated diaphragms—captures the distinctive character of the world's most popular studio microphones. The C3000 sound is smooth, clear and open, with a vibrant presence that projects to the front of a mix. Three switches select options for polar pattern, bass roll-off, and preattenuation, allowing users to custom tailor the C3000 for virtually any stage or studio assignment. Internal InterSpider™ suspension eliminates the need for external shock mounting, integrated windscreens accommodate outdoor use, and a safety flange provides secure connections in hanging applications. Rugged construction, die-cast eurostyled casing, and scratch-resistant matte finish make the C3000 well suited to the rigors of touring. SA41/1 stand adapter included.



C568EB SHOTGUN MICROPHONE

High directivity and wide frequency response in a relatively short integrated unit make this an ideal microphone for theater, sound reinforcement, and film/video recording. Due to its compact and light-weight design, the C568EB is ideal for camera mount applications.

The C568EB is an electret condenser design which operates on both pressure gradient and interference principles. Below 500Hz it functions as a hypercardioid microphone; above 500Hz the acoustic interference tube introduces increasing directivity. A switch selectable 12dB/octave 150Hz roll-off filter effectively suppresses rumble and wind noise. Robust, all-metal housing contains the built-in preamp/impedance converter. Phantom powering (9-52V) required; foam windscreen and stand adapter included.



C5600 TRI-POWER LARGE DIAPHRAGM CONDENSER

The C5600 brings the smoothness and warmth of a premium studio condenser microphone to the high SPL waveforms of live concert reinforcement use with AKG's innovative TPC-II large-diaphragm backplate condenser capsule nestled securely inside. This extraordinary "potato mic" easily handles the sharp transient attacks of percussion and the sustained high levels of guitar amplifiers, yet it also fully captures the rich harmonic textures of delicate acoustic instruments. The C5600's switch selectable 6 or 12 dB/octave roll-off slopes allow custom bass attenuation for added flexibility. Exclusive InterSpider™ three-point elastomer suspension effectively isolates the capsule from rumble and thumps, and the built-in adjustable stand adapter makes set-up quick and convenient. Road tough die-cast alloy housing ensures years of reliable performance under strenuous, constant-touring conditions.



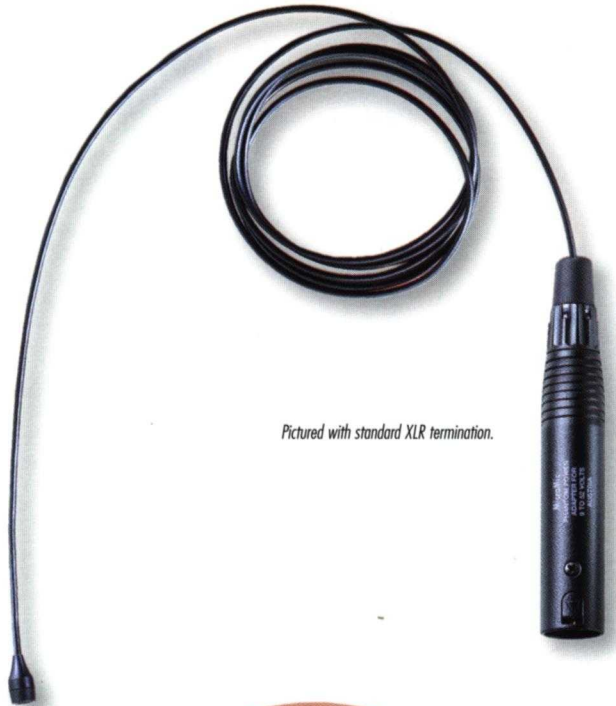
D230

AKG's reputation for uncompromising sound quality is immediately recognizable in this robust new ENG (electronic news gathering) microphone. The D230 incorporates a high output rare earth magnet structure designed to deliver exceptional sensitivity and clarity in the demanding news gathering field. The extended shaft allows for easy placement of station flags without typical handling problems. The housing is made of an extremely rugged die cast metal with a non-reflective surface for low profile on camera operation.

The D230 comes in a foam lined carrying case complete with stand adapter.



Pictured with one of many optional termination formats.



Pictured with standard XLR termination.



Beige Tone.

CK77/C577

Taking advantage of AKG's cutting edge R & D department, AKG has brought to the market the world's first twin diaphragm lavalier microphone.

This unique design brings with it some very tangible benefits. The dual diaphragm design offers improved signal to noise ratios due to the additional capsule surface area. Additionally the vertical alignment of the diaphragms helps overcome mechanical noise due to the cancellation of the back to back arrangement. The capsule is completely modular making quick capsule changes less strenuous for those on air or live theatrical situations.

The system comes in a variety of configurations including lowered sensitivity, flesh tones, and numerous connection options. Supplied with 11 different colored windscreens and two different clips the CK77/C577 is a leader in lavalier technology.



C417 LAPEL "MicroMic SERIES II"

AKG's answer to low cost micro sized lavalier technology, the C417 is one of the smallest lavaliers on the market at a price that is well below that of its major competitor's. It's broadband audio reproduction in an omni-directional format is ideal for all types of broadcast and theatrical applications. The sound is extremely open and natural off-axis frequency response is extremely linear making it ideal for multi-mic situations.

The unit comes in a variety of configurations including different flesh tones, different connector arrangements and lengths. Also supplied with every C417 are two clips and a windscreen.





BLUE LINE SERIES

Impeccable performance and extraordinary flexibility set a higher standard for moderately priced modular condenser systems.

Building on the foundation of AKG's reference-standard C451 system, the Blue Line series elevates the state-of-the-art by offering higher sensitivity, lower noise, better phase and frequency response linearity, and lower distortion. At the heart of each Blue Line capsule is a TransAct™ active transducer incorporating an ultra-low mass, gold-sputtered diaphragm element. Innovative design and precision manufacturing techniques result in a transducer offering extraordinarily flat response, balanced directional characteristics, minimal sensitivity to handling noise, and virtual immunity to electrically induced noise. Blue Line's HDSMD (High Density Surface Mount Device) electronics are lighter, more compact, and more reliable than conventional circuit designs. The universal SE300B powering and output module features a switchable 12dB/octave bass cut filter at 75Hz to cut rumble, and a switchable -10dB pad for very high SPL applications. Transformerless output electronics preserve the fidelity of the TransAct™ capsules across the full audio bandwidth with extremely low LF distortion. The Blue Line system is also uncommonly easy to use, thanks to Modulock™ bayonet coupling. Tactile and visual guides allow fast, accurate assembly even under difficult field conditions with no possibility of cross-threading. The Modulock™ system also features self-cleaning contacts to maintain a clean signal, even after years of outdoor use in hostile environments.

**BLUE LINE SE300B
TRANSFORMERLESS POWERING/OUTPUT MODULE**

For use with all Blue Line modular capsules, the SE300B operates from any 9-52V phantom power supply. Incorporates three position switch offering linear response, -10dB preattenuation and 12dB/octave 75Hz bass-cut filter. Stand adapter included.

BLUE LINE MICROPHONE COMBINATION

CK91B CARDIOID

Includes SE300B powering/output module, CK91 cardioid capsule, foam windscreens, stand adapter, and case.

BLUE LINE CAPSULES

CK91 CARDIOID

The flat frequency response and uniform polar pattern of the CK91 make it ideal for general applications where suppression of off-axis sound is desired. Includes foam windscreens.

CK92 OMNIDIRECTIONAL

The CK92 offers exceptionally neutral presentation of a source in its ambient sound field, providing uniform results regardless of the distance between microphone and source. This characteristic, combined with linear frequency response across the entire audio band, makes the CK92 an excellent choice for capturing the natural acoustic subtleties of a recording environment. Includes foam windscreens.

CK93 HYPERCARDIOID

Similar to the CK91, the CK93 provides additional attenuation of 90° off-axis sounds. In addition to a higher ratio of direct to ambient sound, it also offers a virtually ruler-flat frequency response. Includes foam windscreens.

CK94 FIGURE-EIGHT

Single diaphragm membrane construction provides precise reproduction of information from opposing directions. Excellent on-axis response combined with linear rejection of side information make the CK94 ideal for Blumlein and MS stereo recording, studio vocals, and broadcast interviews. Includes foam windscreens.

CK97/O MINIATURE OMNIDIRECTIONAL

This tiny lavalier capsule has linear bass and midrange response, while a gentle rise around 8kHz crisply accentuates voices. Omnidirectional pattern allows natural sound reproduction with no proximity build-up, while high sensitivity and low self-noise combine for exceptional S/N performance. Foam windscreens, tie clip, and tie pin included.

CK97/C AND CK97/CVR MINIATURE CARDIOID

The CK97/C is ideally suited to a variety of sound reinforcement and film set applications. It offers a bass roll-off at 400Hz to reduce chest resonance, gentle 8-12kHz rise to improve vocal clarity, and uniform cardioid pickup pattern for excellent gain-before-feedback. CK97/C version includes a 10' cable, belt clip for the SE300B preamp, tie clip, tie pin, hanger adapter, and foam windscreens.

The acoustically identical CK97/CVR incorporates the same capsule into a 15" mini gooseneck to create an unobtrusive, high quality microphone for podium, pulpit or boardroom use. Includes foam windscreens.

CK98 SHORT SHOTGUN

The CK98 combines high sensitivity and controlled directivity. It offers excellent reach, thanks to a very tight polar pattern and exceptionally low self noise. Small size and light weight make the CK98 ideal for boom applications, while the smooth, wideband frequency response makes it a superb choice for edge-of-stage and ceiling placements. Includes foam windscreens.

BLUE LINE ACCESSORIES

- A91:** Swivel Adapter for SE300B.
- MK90/3 + H98:** Remote capsule cable and hanger.
- H97/15:** Hanging adapter for CK97/C.



C460B ULTRA-LINEAR SERIES PRE-AMP

The C460B system combines unparalleled performance with exceptional flexibility. Patented electronic circuitry coupled to a custom designed output transformer assures completely linear transfer characteristics across the entire audio bandwidth, while achieving self-noise figures close to the theoretical minimum. This, in combination with a typical SPL handling capability of 134dB broadband (140dB at 1 KHz) means a dynamic range exceeding 120dB, making the system suitable for the most critical digital recording applications. Gold plated switch and connector contacts guarantee consistent performance. A specially designed output stage drives difficult loads (e.g. excessively long cables) with no signal degradation. A four-position switch on the C460B preamplifier selects either one of two bass roll-off slopes (75Hz or 150Hz), or inserts a 10dB attenuation pad.

C480B ULTRA-LINEAR SERIES PRE-AMP

Similar to the C460B, the C480B pre-amp utilizes ULS circuitry to ensure ultra-low self noise specifications and linear transfer characteristics while offering additional sensitivity due to a new 48 volt only format. This new circuit design takes advantage of a transformerless output stage designed to provide higher SPL capacity while maintaining linearity down to 10Hz. Two sets of switches offer the following features: Two step high pass filter, and two gain manipulation stages of either -10dB or +6dB.

CK60 SERIES CONDENSER CAPSULES:

Each of the C460B/C480B "ULS" series capsules must surpass the strictest tolerances for accurate presentation of both on and off-axis source material. A three micron, gold sputtered diaphragm utilizes AKG's uni-tension, double-stretched mylar for superb transient and frequency response unaltered by temperature and humidity shifts.

CK61 CARDIOID CAPSULE

The broadband, ultra linear frequency response and uniform polar pattern of the CK61 make it ideal for critical recording/reinforcement applications where suppression of off-axis sound is desired. Includes foam windscreens.

CK62 OMNIDIRECTIONAL CAPSULE

Same as CK61, except for omnidirectional polar pattern. For more reverberant sound recordings. Includes foam windscreens.

CK63 HYPERCARDIOID CAPSULE

Same as CK61, except for hypercardioid polar pattern. Better off-axis rejection provides better channel separation and in many cases, higher gain-before-feedback. Includes foam windscreens.

SHOTGUN MICROPHONES

CK68/CK69 Dual Shotgun Capsule (for use with C460B and C480B respectively).

Two shotgun capsules in one, with quick and easy conversion from long to short shotgun applications without compromising sonic integrity. In its long shotgun configuration, the CK68/CK69 will deliver perfect results for outdoor applications—getting sounds in sync with picture—or indoor front of stage recording/reinforcement from approximately 20 to 24 ft. Unscrew the front half of the interference tube and the same capsule becomes a short shotgun for use in TV, film and video close-up work. Additionally, the short shotgun mode resolves the problems associated with performing interviews in noisy environments.

The CK68/CK69 operates flawlessly in high humidity environments, and windscreens are provided for both long and short configurations. Convenient, quiver-type carrying case accommodates capsules, powering module, and windscreens. Includes original frequency response curves. Matte black finish.

CK68 SHOTGUN CAPSULE

Directional/Ultra-directional Capsule (see separate description under Shotgun Microphone section)

CK69 SHOTGUN CAPSULE

Directional/Ultra-directional Capsule (see separate description under Shotgun Microphone section) Optimized for use with the C480B.



D3500 Tri-Power Instrument

Excellent performance, high reliability, and economical pricing in a general purpose microphone for live performance applications.

Similar in many respects to the industry-standard D3600, the D3500 is a single-transducer design characterized by a neutral mid- and high-frequency response that provides excellent instrumental definition in "crowded" live mixes. High SPL handling makes it ideally suited for placement on drums, guitar cabinets, percussion, and piano. The D3500 has an integrated stand adapter with built-in external shock mount. The D3500 incorporates a bass roll-off switch for selective compensation of proximity effect and unwanted rumble.

D3600 Tri-Power Instrument

The finest dynamic instrument microphone available, the D3600 combines "road warrior" toughness with the extended, flat response of a fine studio condenser.

Patented dual transducer design of the D3600 incorporates two separate elements: one for low frequencies and one for high frequencies. Together, the two elements have a cardioid pattern which exhibits no bass-boosting proximity effect, even when placed as close as 1/2" from the source! This allows musicians (acoustic guitarists, horn players, string players) to move toward or away from the microphone with no alteration in the subtle tonal response of the instrument. Large diaphragm transducers with Maximum Flux™ neodymium/baron magnets produce an exceptionally accurate sonic image with rich body, precise definition, and smooth off-axis response. Internal Iso-Damp™ suspension isolates the capsule from vibration noise, while a separate elastomer noise isolation cushion built into the integral stand adapter eliminates all metal-to-metal contact with the microphone body. The result is unprecedented suppression of heavy footfalls, drum kit vibrations, and other troublesome on-stage noises. A 150Hz bass roll-off switch filters out unwanted low-end rumble from nearby sources.

C5600 Tri-Power Large Diaphragm Condenser

The C5600 brings the smoothness and warmth of a premium studio condenser microphone to the high SPL waveforms of live concert reinforcement use with AKG's innovative TPC-II large-diaphragm backplate condenser capsule nestled securely inside. This extraordinary "potato mic" easily handles the sharp transient attacks of percussion and the sustained high levels of guitar amplifiers, yet it also fully captures the rich harmonic textures of delicate acoustic instruments. The C5600's switch selectable 6 or 12dB/octave roll-off slopes allow custom bass attenuation for added flexibility. Exclusive InterSpider™ three-point elastomer suspension effectively isolates the capsule from rumble and thumps, and the built-in adjustable stand adapter makes set-up quick and convenient. Road tough die-cast alloy housing ensures years of reliable performance under strenuous, constant-touring conditions.



D3700, D3700S Tri-Power Vocal

Rugged construction, distinctive Tri-Power styling, and outstanding sonic performance for vocalists on a budget.

The D3700 features an extended frequency response with a smooth boost between 3kHz and 15kHz to project vocals out in front of dense mixes. A skillfully engineered combination of a high-output Maximum Flux™ neodymium/iron-boron rare earth transducer and a uniform hypercardioid polar pattern allows close-up work on high-level monitors without feedback. Smoothly triangulated PowerGrip™ body balances perfectly in the hand, and rugged die-cast body with Iso-Damp™ internal suspension guarantees reliability under the most severe touring conditions. Built-in windscreen/pop filter removes easily for cleaning with a twist of the locking bayonet mounted grille. The D3700S is identical to the D3700 except for the addition of a noiseless, recessed on/off switch.

D3800/D3900 Tri-Power Vocal

The D3800 and D3900 offer a combination of unsurpassed performance and exclusive features unmatched by any other dynamic vocal microphones—bar none. At the heart of both mics is AKG's Maximum Flux™ neodymium/iron-boron rare earth transducer. This high output element, coupled with a uniformly tight hypercardioid pickup pattern, provides exceptional gain-before-feedback right on top of high level stage monitors. Vocal contoured response rises gently starting at 2kHz to pull vocals in the front of the mix, while a smooth low end boost adds fullness and body. Extremely high SPL levels are handled easily without harshness or boominess. Patented MMS "Moving Magnet Suspension" system dramatically reduces unwanted mechanical/handling components while a hum suppression coil neutralizes electrically induced interference. PowerGrip™ housing nestles naturally in the palm, and road tough construction assures never-say-die reliability. Built-in windscreen and pop filter removes for cleaning with a twist of the locking bayonet-mount grille. The D3900 incorporates two recessed mini switches: a high boost for extra presence and transparency, and a dual position low-end roll-off to control excessive low-end build up. The D3800 is identical to the D3900 with the exception of the contouring switch.

C5900 Tri-Power Vocal

The C5900 combines the detailed transparency of a premium AKG studio condenser with the road tough construction, low handling noise, and feedback rejection required of a true stage performance microphone.

At the heart of the C5900 is AKG's new TPC-I condenser capsule with an ultra-thin, gold-sputtered, double-stretched diaphragm which precisely captures every subtle nuance of a vocal performance. Transient response is superb, yet vocal quality remains full and warm with no trace of harshness. Vocal contoured response projects to the front of the mix, and a 3-way switch allows performers to customize proximity effect by choosing flat response or one of two bass roll-off curves. A tightly controlled hypercardioid pattern and uniform polar response assure maximum gain-before-feedback, with consistently predictable performance when used close-in on monitors.

- A four-layer filter assembly effectively suppresses P-pops and wind noise, while the integrated and hardened protective basket of AKG's DuraShell™ system safeguards all internal components. Patented InterSpider™ three-point internal elastomer suspension isolates the capsule from handling noise so energetic performers can work the stage without worry. With the C5900, AKG offers true studio condenser response in a compact and roadworthy package.



C535EB

The C535EB has the clean, open characteristic of AKG's best studio condensers, enhanced by a 2dB rise between 7 and 12kHz to project vocals in front of the mix. An integral four-position switch tailors output level and bass roll-off for a variety of uses. A sharp LF cut at the full output level reduces pops and handling noise in vocal applications, while a more gradual roll-off at the reduced output is ideal for most instrument applications. The C535EB requires 9-52V phantom power.

D112 LARGE DIAPHRAGM DYNAMIC KICK/BASS MICROPHONE

The D112 has earned a well-deserved reputation as the best kick drum microphone ever made. Period. Heavy-footed drummers won't faze it, because the D112 handles up to 168dB SPL with no audible distortion. A specially engineered diaphragm with very low resonance frequency maintains solid and powerful response below 100Hz, while a narrow band presence rise at 4kHz punches through dense mixes with little or no added EQ. The result is a kick drum sound that ideally balances precise definition and forceful impact. The D112 is also an excellent choice for use with bass cabinets, trombones, etc. Built in windscreen, stand adapter included.

EMOTION SERIES, "THE SOUND THAT ROCKS"

The Emotion series of microphones utilizes one of AKG's latest patented technologies. The Tiefzieh Varimotion System™ allows AKG to produce a diaphragm of varying thickness in a single press. By doing so AKG has almost completely overcome the need for tuning resonators so that the microphone's sonic characteristics can now be tuned at the capsule, effectively reducing the cost of production by 60%. Additionally, the Doubleflex™ anti-vibration system eliminates handling and cable noise. The microphones come in a rugged all metal housing utilizing 24 karat gold plated connectors.

D770 INSTRUMENT/VOCAL MICROPHONE

A dynamic cardioid instrument/vocal microphone. Comes complete with vinyl carrying case and stand adapter.

D880/D880S VOCAL MICROPHONES

A dynamic supercardioid vocal microphone. Comes complete with vinyl carrying case and stand adapter. S version has on/off switch.

PERFORMER SERIES

AKG's entry into the low cost microphone market. The Performer Series includes four products, all of which are designed and manufactured in Vienna, Austria. High output Neodymium capsules and precision AKG engineering bring to market microphones that meet the needs of professionals at a price accessible to amateurs and beginning musicians. The entire line comes with removable grills for easy washing of windscreens, on/off switches, and extremely rugged housings designed for the rigors of live performance.

D65S

High output unidirectional Neodymium capsule, rugged die cast metal case, on/off switch, supplied with SA44 stand adapter and leatherette carrying case.

D60S

Same as D65S but supplied with XLR to 1/4" cable.

D50S

Same as D65S except supplied with fixed 5m cable.

D40S

Same as D65S except for high test plastic housing and fixed 5m cable.



C411 Acoustic Pickup "MicroMic"

The C411 condenser acoustic pickup with its tailored frequency response is ideal for acoustic guitar, mandolin, violin and most other stringed instruments. Placing the small ultra-light C411 on or near the bridge will reproduce a clear and uncolored sound without changing the balance of the instrument. Attaching the C411 is easy with the included non-marring reusable adhesive compound. The C411 is the stethoscope for your acoustic instruments.

C416 INSTRUMENT "MicroMic"

The C416 hypercardioid condenser microphone frequency response has been tailored for use with all types of low profile micing applications such as guitar cabinets, piano, keyboard/organ cabinets, and accordion. When your performance is over, simply remove the C416's gooseneck by detaching it from the mounting bracket. Mounting is made easy with the included screws or the double sided non-marring adhesive pads. Placing the microphone exactly where you need it is always possible with the C416.

C418 DRUM AND PERCUSSION "MicroMic"

The C418 hypercardioid condenser microphone has a specifically tailored frequency response for drum and percussion micing applications. Its two angle adjustment boom-arm with the vibration resistant rubberized clamp make it easy to place on any drum or percussion instrument. The C418 elastomer shock-mounted capsule adds additional rejection of vibration noise while withstanding even the heaviest drumstick blows.

C419 WIND INSTRUMENT "MicroMic"

The C419 hypercardioid condenser microphone was developed especially for saxophone, trumpet, trombone, tuba and almost all other brass/wind instruments. Its rubberized non-marring clamp along with the adjustable elastomer suspension gooseneck makes for superior isolation while allowing problem free placement on any horn instrument. The C419 hypercardioid transducer element delivers a smooth frequency response with a gentle high frequency peak while maintaining a high resistance against feedback. The C419 allows the performer to reach the audience with power and clarity while maintaining freedom to move on stage.

C420 HEADSET "MicroMic"

The C420 cardioid condenser microphone was designed with a full frequency response bandwidth that delivers a pure powerful sound and carries punch and presence to the audience. It is ideal for front vocalists, singing keyboard players, drummers, guitarists, dancers and aerobic instructors. It has a new and fully adjustable headband and ear pieces that fit comfortably and secure on your head. The C420 has the cable exiting from the rear of the headband to stay out of the way of your performance. When you require hands free performance capabilities, the C420 headset is your answer.

DB-1 DOUBLE BASS BRIDGE PICKUP

Providing seamless performance and quality in acoustical bass sound reproduction, the DB-1 is designed to fit every conventional standard double bass. The pickup is an easy-to-install piezoelectric transducer element integrated into a conventional wooden double bass bridge. The DB-1 has a frequency response of 5Hz to 5kHz and is terminated in an XLR connector with an integral phantom power adapter.

ACCESSORIES

The MicroMic Series II are all available in a number of configurations. Standard three pin XLR for phantom powering, gold plated locking mini plug for use with either AKG's wireless systems, the B29 portable power supply, or the MPAII adapter which converts the B version MicroMics to a three pin format for use with standard phantom power.





C580E-1, C580-1Comb, C580 Comb/W

An economically priced gooseneck microphone with a frequency response specifically tailored for speech applications.

The C580's directional (hypercardioid) pattern isolates the speaker and rejects ambient noise and feedback while a smooth, gently rising high frequency boost enhances intelligibility. The results...consistent, predictable sound quality from the podium, pulpit or multi microphone conference table. Slim-line housing virtually disappears from view. Tailored low-end response and internal shock mounting on the capsule suppress rumble and vibration noise. Sectional gooseneck is designed for silent adjustment.

C621E, C621 Comb, C621 Comb/W

Superior speech-contoured response is provided in a compact, low-profile package.

The high sensitivity and extended upper frequency response of the C621 make it an ideal choice when natural sound with high intelligibility is a must. Self-noise is exceptionally low, and a roll-off switch on the preamp adapter suppresses LF rumble. Sectional gooseneck adjusts smoothly and noiselessly, while uniform cardioid pickup pattern accommodates more than one speaker at the podium or pulpit.

C647E, C647 Comb, C647 Comb/W

A high grade miniature hypercardioid microphone integrated into a noiseless, sectional mini gooseneck. The ultimate tool for boardroom, pulpit and podium reinforcement.

Like the C747, the C647 delivers an unusually smooth overall frequency balance in an ultra-slim housing that is barely distinguishable from the gooseneck itself. The acoustically tuned interference tube evenly extends bass response and increases sensitivity while the hypercardioid pickup pattern effectively attenuates off-axis sources for maximum feedback rejection. This assures full-bodied, highly intelligible sound at typical working distances of one to four feet.

A switchable low frequency roll-off filter built into the preamp/phantom power adapter effectively controls annoying rumble. H600 flush-mount, doughnut-type shock mount included with C647E.



C747 CONDENSER MICROPHONE

Invisible in most applications, the pencil-sized C747 picks up voices and instruments at surprising distances with phenomenal fullness and clarity.

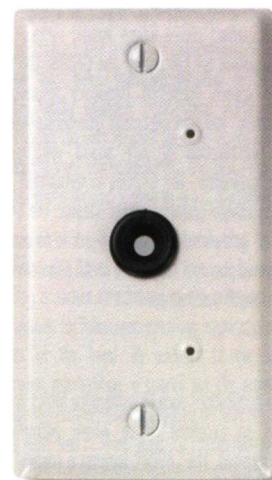
The C747 is a premium quality "spot" or "accent" microphone designed to solve difficult placement problems in a variety of exacting orchestral, choir, podium, and boardroom applications. Smooth, extended frequency response makes it suitable for high quality live music recording, while the frequency-independent pattern provides uniform off-axis rejection to control ambient noise and feedback in difficult environments—acoustically "live" houses of worship, for example. A tuned interference tube provides extended bass response, high sensitivity, and excellent S/N ratio. The C747's hypercardioid response is designed to be "forgiving", making it an excellent choice for critical podium/pulpit or boardroom applications where speakers tend to wander off-axis. A LF roll-off switch is provided to filter out rumble from mechanical vibration. Low impedance transformerless preamp/adaptor operates on 9-52V phantom power. Mounting accessories include shock mount/adaptor, windscreen, mini gooseneck, swivel stand adaptor, mounting clamp, and thread link.

C947CM/E, C947CM/US

Where performance is the most critical consideration in a hanging microphone, the C947CM is the right solution for demanding choir and theater applications. The hypercardioid pattern ensures high gain-before-feedback in reinforcement application while the studio quality performance makes it the ideal choice for recording applications. The tuned acoustic tube on the front of the mic ensures a linear frequency response. The C947CM/US includes a single-gang mounting plate with integral phantom power adapter. A special non-twisting cable is included.

C921CM/E, C921CM/US

A relatively wide acceptance angle and a cardioid pattern make the C921CM the ideal solution for hanging microphone applications such as theater and choir micing. A unique cable prevents the suspended microphone from twisting due to temperature variations. The C921CM/US includes a single-gang mounting plate with integral phantom power adapter.



/US Version Mount Plate



C400BL-1



C547BL



C680BL



C562BL



C562CM

C400BL, C400BL-1

One of the smallest boundary layer microphones available, the C400BL is a perfect choice where limited surface space and inconspicuous placement are key issues. The C400BL can be painted and features a speech optimized frequency response with a hypercardioid pattern, ensuring maximum gain-before-feedback and natural voice reproduction in any sound reinforcement or teleconferencing application. The C400BL is terminated in an XLR connector with an integral phantom power adapter. The C400BL-1 is terminated in a 1/8" gold-plated lockable mini-jack to be used with the B29 battery powered phantom supply, the MPAll phantom adapter, or with wireless bodypack transmitters.

C680BL

Designed for applications such as conference tables and lecterns, the C680BL is an excellent choice where performance and ruggedness are required. The C680BL features a cardioid pattern, a speech optimized frequency response and an integrated phantom power adapter. The housing may be painted to match any decor and may be permanently installed or temporarily fastened to the surface with the supplied special adhesive tape. Termination is provided by an XLR connector.

C547BL

A rugged, high quality directional condenser microphone made for maximum performance with minimum visibility in a variety of applications such as conference room, broadcast, theater sound reinforcement, and pulpit/podium applications.

The C547BL combines the high sensitivity and linear phase response of the boundary layer design with a gentle rise in higher frequencies for enhanced intelligibility. The hypercardioid pickup pattern provides tightly focused directional control and a wide frequency response curve gives a full-bodied natural sound even at respectable distances. The capsule element and circuitry are designed for maximum rejection of RF interference allowing placement in close proximity to stage lighting and other problematic electrical devices. The transducer element is internally shock mounted and rubber mounting points provide additional isolation from vibrational noise. A switchable bass cut filter located on the preamp/phantom power adapter reduces unwanted LF components. Extremely rugged, die-cast, scratch proof housing is finished in non-reflective dark grey. Windscreens and 10' integral XLR connecting cable included.

C562BL, C562CM

Both versions of the C562 offer the inherent advantages of boundary layer design: 6dB higher sensitivity and virtual elimination of comb filter effects when installed on reflective surfaces plus extended and flattened frequency response. Both versions are omnidirectional in their hemispheres and are therefore essentially insensitive to structurally transmitted noise. A high-sensitivity electret condenser capsule provides superior S/N ratio and extended depth coverage.

The miniature C562CM is designed for flush mounting in ceilings, walls, conference tables, stage sets, etc., with an attached cable terminating in a 1/8" male jack which threads through the 1/2" mounting hole. An accompanying phantom power adapter provides electronically balanced low impedance output via an XLR connector.

The transducer element in the C562BL is mounted in the center of a heavy 6.3" diameter plate, ideal for tabletop or floor placement. Three perimeter holes are provided for permanent installation, each with rubber mounts for shock isolation. A steel-reinforced cable terminates in a preamp/phantom power adapter with electronically balanced output via an XLR connector. Stand adapter and windscreens included.



D541E



D190ES



D190E



HSC100



HSC150

D541E, D541 Comb

A rugged, low-cost dynamic cardioid gooseneck microphone suitable for a wide range of general public address applications.

The D541 features speech-tailored frequency response for high intelligibility, shock mounted transducer for silent gooseneck adjustment and rejection of vibration noise, uniform off-axis response to avoid feedback, and a non-glare matte black finish. The D541E is fitted with an XLR connector for detachable mounting; the D541 is designed for permanent installation (single hole mount or $\frac{3}{8}$ " threaded) and includes a 5'7" unterminated cable.

D190E, D190ES

Cardioid dynamic microphone with a rugged bronze cap that acts as a windscreen/pop filter. Recommended for paging and conference systems.

The cardioid pattern controls feedback while smooth frequency response makes the D190E equally adaptable for general purpose speech or instrument applications. Complete with SA40 stand adapter for mounting on floor or table stands.

The model D190ES includes on/off switch.



D58E



D58E, D58E Black

A special, close-talk dynamic microphone for communications, paging and talkback in high ambient noise and feedback-prone environments (e.g. railroad stations, airports, restaurants, etc.).

Designed for close-up use, the D58E dramatically attenuates noise and feedback components originating more than one meter away. Small and lightweight, the D58E has an integral XLR connector for mounting on a gooseneck or mic cable. Finish is matte nickel. D58E/Black is matte black.

HSC100

An ultra-light headset, the HSC100 is suitable for many telecommunications and computer applications. The noise-canceling microphone has been speech-optimized to provide excellent intelligibility while keeping background noise to a minimum. The intra-concha (in ear) receiver includes a replaceable foam cover and provides a very comfortable fit. The HSC100 is supplied with two 3.5mm plugs for connection to most computer sound cards.

HSC150

Providing a secure attachment to the outer ear, the HSC150 is an ideal solution for telecommunications applications requiring quick movements of the head. In addition to the speech-optimized noise-canceling microphone, a special ear clip provides a secure fit while remaining comfortable during long periods of use. The HSC150 is supplied with two 3.5mm plugs for connection to most computer sound cards.

WMS300 UHF WIRELESS SYSTEM

AKG's WMS300 is a UHF wireless system designed to meet the demands of the working professional at an extremely competitive price point. This extremely flexible design offers all of the features demanded by the working professional in any number of applications.

SYSTEM COMPONENTS AND FEATURES

SR300 HALF RACK RECEIVER

FREQUENCY AGILE UHF OPERATION. The WMS300 operates in the 766-805MHz range. There are two different frequency sets available both covering a 20MHz spread (over 3 TV channels) from 766-785 and 786-805. The systems are both pre-programmed at the factory in Vienna, Austria to operate on sixteen sub-channels that are determined to be intermodulation free. This means that users that require multi-channel operation no longer need to have special software or flip through pages of manuals to determine the proper combination of frequencies.

HALF RACK SPACE DESIGN. With additional demands on rack space, 1/2 unit receivers are preferred for their cost effectiveness due to space allocation.

VARIABLE AUDIO OUTPUT. The SR300 has both balanced and unbalanced output connections with continuously variable adjustment ranging from -30 to +6dBm.

USER FRIENDLY CONTROLS. Effective use of LED indicators for diversity reception, RF strength, peak, audio and mute enable the user to effectively monitor system integrity.

HT300 HAND-HELD TRANSMITTER

INTERCHANGEABLE HEADS FOR HT300. The HT300 hand-held transmitter has the ability to utilize AKG microphone heads via a threaded collar mechanism. Both dynamic and condenser heads are available, making the WMS300 system cost effective and flexible for sound companies and rental houses.

Other features include multi-channel operations, extended battery life, battery level and overload indicators, rugged construction and highly efficient handling noise compensation.

PT300 BODYPACK TRANSMITTER

The PT300 offers frequency agility by means of a 16 step recessed rotary pot for selecting sub-channel operation from the exterior of the unit. Further controls and features include mic/mute/instrument level settings, input sensitivity—selectable in four 10dB increments, battery level and overload indicators, extended battery life, a rugged all metal aluminum housing, and a reversible/removable belt clip.

MICROPHONES AVAILABLE FOR PT300

- C411/B:** Stringed instrument pick-up MM11*.
- C416/B:** Instrument/speaker condenser MM11*.
- C417/B:** Omni directional lavalier MM11*.
- C419/B:** Wind/brass condenser MM11*.
- C420/B:** Headset condenser MM11*.
- CK77/WL300:** Twin diaphragm lavalier.
- CK97C/WL300:** Directional lavalier.

*MM11 indicates "Micro-Mic" series product.

OPTIONAL ACCESSORIES

- RMU2:** 1-U rack mount tray for one or two SR300 diversity receivers.
- RMU2A:** 1.5-U rack mount tray with 2 to 1 antenna splitter.
- PS300:** Wideband antenna splitter for the entire carrier range from 766-805MHz. Up to eight SR800 receivers can be connected to the PS300.
- RA300B:** Remote receiving antenna with built-in booster. For use with the PS300.



SPECIFICATIONS (WMS 300)

- OVERALL SYSTEM PERFORMANCE**
- FREQUENCY RANGE:** 70 - 20,000Hz
- S/N RATIO RE ±50kHz DEVIATION (60dBm OUTPUT LEVEL):**
70 dBm RF level: >100dB (DIN 45500 A rms)
85 dBm RF level: >90dB (DIN 45500 A rms)
- RF CARRIER RANGE:** 766-805MHz
- USER SELECTABLE SUBCHANNELS:** 32 (PLL synthesized)
- SWITCHING BANDWIDTH:** max. 20MHz
- MODULATION:** FM ±50kHz
- TOTAL HARMONIC DISTORTION:** <0.8% re 1kHz nom. deviation
- STATIONARY RECEIVER: SR300**
- RECEPTION MODE:** True Diversity
- ANTENNA SOCKETS:** BNC
- AUDIO OUTPUT:** XLR balanced/6.3mm (1/4") mono phone jack unbalanced
- CONTROLS:** Power ON/OFF switch, Output level adjustment, Squelch Adjustment, Channel selector (rotary switch)
- INDICATORS:** Power LED, mute LED, diversity A/B indicator LED's, RF/audio indicator LED's
- POWER REQUIREMENT:** External power supply 11-15 VDC or AC/200mA
- SIZE:** Halfwidth 19" IU
- NET WEIGHT:** 650g. (26oz.)

800/900 SERIES UHF SYSTEMS

A multichannel wireless system designed for uncompromising performance and absolute reliability in the most critical concert sound, theater, and broadcast applications.

Each 800/900 Series system accommodates up to 12 separate subchannels operating within the frequency band of one UHF TV channel. Precision filter technology assures stable operation with minimum interference, while AKG's proprietary Antennaverter circuit eliminates the need for separate antenna boosters on long cable runs and contributes to the system's exceptionally low noise and intermodulation-free performance. Switchable subchannels on each transmitter module allow easy system customization, and transmitter battery status indicators on the receiver alert the system operator to potential low battery problems. Six single-channel SR900 receivers fit into a single 3U rack housing (R900 I) and incorporate two CV900 UHF front-end modules (for diversity operation), power supply and monitor section. An optional 3U expansion module (R900 II) incorporates six additional subchannels into the system. Transmitter modules are interchangeable among bodypack and handheld units.

SR800 STATIONARY RECEIVER

A single channel 1-U rack mountable receiver utilizing similar technology as found in the multi-channel mainframe WMS900 system. The SR800 differs by utilizing chassis (front or rear panel) mounted antennas as opposed to the remote down-converters used in the WMS900 system. Both systems utilize the same transmitters and apply the same applications. The SR800 is less costly due to its receiving principle.

The SR800 is tuned to a specific UHF-TV band as specified by the customer. Within the specified band, the unit can select between 12 sub-channels via front panel rotary knob. Other features include a low battery status LED and buzzer, headphone monitoring, multi-segment LED for RF strength and audio input, diversity indication, switchable voltage, and more.

SR800 ACCESSORIES

PS800: High quality 1-U rack space six way antenna distribution system. Features include electronic impedance termination of unused inputs, operating voltage fed through connecting cables, RF shielded housing. Wide band design covers all useable TV channels.

AB800: High quality, highly selective booster tuned to one TV channel. The units operate via voltage fed through the antenna cables. The boosters are stand mountable and come in a rugged RF shielded casing.

MICROPHONES AVAILABLE FOR SR800

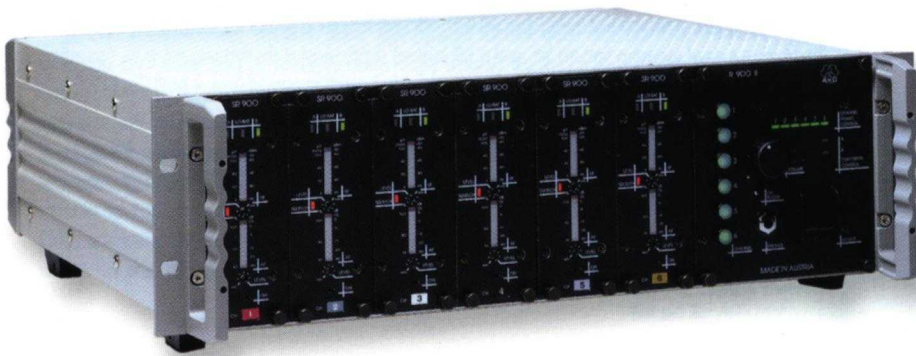
- C535EB:** Cardioid handheld.
- C5900:** Hypercardioid handheld.
- C1000S:** Dual pattern handheld.

PT900 BODYPACK TRANSMITTER

The PT 900 is an extremely rugged yet compact design utilizing a fiberglass impregnated housing with an entirely metal infrastructure for ideal RF isolation. Other features include five step sensitivity control, locking connectors for both antenna and mic, battery status L.E.D. and removable belt clip. Twelve channels can be used simultaneously in one TV band making this an ideal system for critical multi-channel situations such as broadcast, theatrical and live sound.

MICROPHONES AVAILABLE FOR PT900

- CK77:** Twin diaphragm lavalier.
 - CK97C:** Directional lavalier.
 - C411:** Stringed instrument pick-up MMII.
 - C416:** Instrument/speaker condenser MMII.
 - C417:** Omni directional lavalier MMII.
 - C419:** Wind/brass condenser MMII.
 - C420:** Headset condenser MMII.
- MMII indicates "MicroMic" series product.



SPECIFICATIONS: 800/900 SERIES UHF SYSTEMS

TRANSMITTERS:

- C1000WL/TM900:** Handheld transmitter system based on AKG C1000S microphone capsule.
- C535WL/TM900:** Handheld transmitter system based on AKG C535EB microphone capsule.
- C5900WL/TM900:** Handheld transmitter system based on AKG C5900 microphone capsule.
- PT900/TM900:** Bodypack transmitter system.
- TM900:** Interchangeable transmitter module for handheld and bodypack transmitters. Switchable to one of 12 subchannels of one fixed UHF TV channel between 470MHz and 890MHz, 944MHz and 952MHz.
- PILOT CARRIER FOR BATTERY STATUS SIGNAL:** 38.5MHz ±2kHz.
- MAX. FREQUENCY DRIFT FOR -20°C TO +70°C:** ±5kHz.
- RF OUTPUT:** 10mW (50Ω)
- MODULATION TYPE:** FM
- AUDIO LEVEL PREATTENUATION:** 40dB in five 10dB increments; >90 dB SPL to >130 dB SPL.
- AUDIO LIMITER:** None
- AUDIO COMPRESSOR CHARACTERISTICS:** RMS
- DEVIATION LIMITER THRESHOLD:** ±60kHz.
- PREAMPHASIS:** 50µsecs
- RATED DEVIATION:** ±50kHz.
- MAXIMUM DEVIATION:** ±60kHz.
- T.H.D.:** 0.15% max. (±50kHz deviation, 1 kHz modulation).
- CURRENT CONSUMPTION:** 70 mA (incl. TM900 transmitter module).
- POWER REQUIREMENT:** IEC 6LR61 9V battery.

ANTENNA:

- HANDHELD:** helical antenna integrated in microphone housing.
- BODYPACK:** pigtail
- BODYPACK SIZE:** 90x65x20mm (3.6 x 2.6 x 0.8 in.)
- WEIGHT:** 170g (6 oz.) incl. battery.
- HANDHELD SIZE:**
 - DIA.:** 34mm (1.3 in.)
 - LENGTH EXCL. ANTENNA:** 240mm (9.4 in.)
 - LENGTH INCL. ANTENNA:** 270mm (10.6 in.)

- CV900 RECEIVER BANDWIDTH:** 6MHz.
- POWER REQUIREMENTS:** 85-265 V/50-60Hz.
- POWER CONSUMPTION:** 70 VA (with 6 SR900s and 2 CV900s).
- CABLE LENGTH:** 100m (330 ft.) standard, 200m (660 ft.) optional
- CABLE ATTENUATION:** 4dB per 100m.
- SIZE:** R 900 mainframe: 19" rack mount. 3 U high, 430mm (17in.) deep.
- WEIGHT:** 15.5 kg (34.4 lbs.).
- GENERAL:** IP 3 intercept: 15dBm min. Adjacent channel selectivity





K1000 REFERENCE LISTENING SYSTEM

Our sense of hearing detects depth and directional information in sound via a complex series of comparisons of what is heard by the two ears. Differences in a sound's arrival time, as well as phase and frequency response, are used to determine where the sound is coming from. A stereo pair of loudspeakers will work with room acoustics to produce this directional information for the listener, since a sound originating from the left speaker will be heard slightly ahead of the right one, and so on. Conventional headphones make this process impossible; sounds appear on each side, but with no sense of space or depth. The K1000 is the first commercial headphone to produce the experience of proper depth and spatial orientation.

The radically new transducer design uses "ear speakers" which are angled away from the ears, and do not touch them. Sounds from one "speaker" will travel around the head to be heard by the other ear for comparison of left/right differences that produce depth and localization information.

SPECIFICATIONS

TYPE: Dynamic transducer w/ VLD magnet
FREQUENCY RESPONSE: 30Hz-25kHz
SENSITIVITY: 74dB/mW (free field)
IMPEDANCE: 120Ω
WEIGHT: 9.5 oz.

The flagship of AKG's wireless Infra-Red headphone systems. The K444IR delivers world renowned studio quality in a wireless Infra-Red system that is ideal for both hi-fi listening or critical monitoring situations. Complete linearity and channel separation make the K444IR ideal for classical music or digitally recorded media that demands the purest reproduction available in a headphone. The open design lends well to accurate low frequency response and the avoidance of standing waves and resonances created by sealed designs. With up to 40 feet of range the K444IR will fit into most living room or control room situations without dropout or interference.

K444IR HEADPHONES

SPECIFICATIONS

TYPE: Open-air, Supra-aural Infra-Red
FREQUENCY RANGE: 20Hz - 20kHz
RANGE: 12m (39'6")
RATED IMPEDANCE: 50Ω
WEIGHT: 6.7 oz.



K333IR HEADPHONES

Extremely lightweight and comfortable format ideal for hours of listening free from ear/head fatigue or discomfort created by typical headphone designs. The K333IR is ideal for the dedicated music lover. The cable free Infra-Red design allows the user to move freely about without worrying about cable length restrictions. It's pop formatted equalization curve is ideal for alternative rock, pop, rap and other formats that deliver punchy bottoms and bright tops. Patented self adjusting headband, removable ear pads and 360° Infra-Red coverage makes listening easy and enjoyable for those that like to be mobile while listening.

SPECIFICATIONS

TYPE: Open-air, Supra-aural Infra-Red
FREQUENCY RANGE: 20Hz - 20kHz
RANGE: 12m (39'6")
RATED IMPEDANCE: 50Ω
WEIGHT: 6.7 oz.

Designed for use with hi-fi and multi-media surround sound systems of all kinds, the K290 brings to market AKG's expertise in headphone design at a time when home theater surround sound listening is at its peak. The K290S utilizes many of AKG's patented technologies such as self adjusting headband and semi-open ear shell technology. This technology keeps the shell enclosure free from standing waves and subsequent resonances that cause response anomalies, distortions and ear fatigue. As well, the K290S can be quickly and easily converted to a parabolic stereo design to be plugged into any typical stereo headphone jack. The extra long cord makes it easy for the user to move around the theater environment without losing channel separation and changing surround parameters.

K290 SURROUND HEADPHONES

SPECIFICATIONS

TYPE: Semi-open, circumaural, 4 channel surround
FREQUENCY RANGE: 20Hz - 20kHz
SENSITIVITY: 92dB/mW
RATED IMPEDANCE: 150Ω (75Ω)
WEIGHT: 10 oz. (without cord)



K500 PROFESSIONAL HEADPHONES

AKG's best reference headphones, designed for critical listening applications where neither absolute accuracy nor exceptional long-term wearing comfort may be compromised.

The K500 incorporates a new, "acoustically porous" large-diaphragm transducer which, rather than acting as an acoustic barrier, allows sound waves to pass through it. Because this design virtually eliminates resonances in the headphone earcup cavity, the K500 reproduces musical signals with unprecedented detail, clarity, and a heightened sense of natural spaciousness. Extended frequency response precisely tracks powerful deep bass notes and delicate upper range transients. High-efficiency neodymium magnet structure and oxygen-free copper cable enable the K500 to reproduce very high undistorted output levels, even when driven by low-powered headphone amplifiers. Included with each K500 is AKG's exclusive Acoustic Supported Digital Filter set (ASDF), which effectively attenuates high frequency harshness encountered in some digital playback systems. (ASDF is easily installed and removed by the user.) K500's self-adjusting headband is made of premium soft glove leather, and the natural fiber ear cushions are removable for hand washing. The gold-plated connector has a 1/8" mini-plug threaded inside the 1/4" phone plug.

SPECIFICATIONS

TYPE: Open-air, Circumaural
FREQUENCY RANGE: 15Hz - 35kHz
SENSITIVITY: 94dB/mW
RATED IMPEDANCE: 120Ω
WEIGHT: 7.8 oz.

**K400 PROFESSIONAL HEADPHONES**

Similar in overall design to the K500, including innovative acoustically porous transducers and neodymium magnet structures.

The K400 provides excellent performance across a wide range of source material. Reproduction of high frequency detail is superb and 96dB/mW sensitivity makes it well suited for use when headphone output power is limited. Included is AKG's user installed ASDF (Acoustically Supported Digital Filter set) which can attenuate the upper range harshness sometimes generated by digital playback systems. The K400's self-adjusting headband is made from soft vinyl, and the natural fiber ear cushions are removable for washing.

SPECIFICATIONS

TYPE: Open-air, Circumaural
FREQUENCY RANGE: 15Hz - 32kHz
SENSITIVITY: 94dB/mW
RATED IMPEDANCE: 120Ω
WEIGHT: 7.8 oz.

K300M HEADPHONES

The K300M is a headphone appropriate for both professional and hi-fi listening. Utilizing large diaphragms similar to those in the K500 and K300M provides crisp transients and warm, rich, low frequency response. AKG's patented, self adjusting leather headband and removable/washable ear pads make the K300M a premium headphone at an extremely affordable price.

SPECIFICATIONS

TYPE: Open-air, Circumaural
FREQUENCY RANGE: 18Hz - 30kHz
SENSITIVITY: 94dB/mW
RATED IMPEDANCE: 100Ω
WEIGHT: 7.8 oz.

**K200MKII HEADPHONES**

The K200 is designed to meet the needs of professionals on a budget. All of the design aspects of our studio standards such as the twin band steel frame, self-adjusting headband, removable circumaural earpads are all a part of this. The K200MKII are an extremely lightweight and durable headphone that will endure the rigors of typical studio use while maintaining the sonic purity that has made AKG headphones the #1 brand of studio headphones in the world.

SPECIFICATIONS

TYPE: Semi-Open, Circumaural
FREQUENCY RANGE: 20Hz - 30kHz
SENSITIVITY: 103dB/mW
RATED IMPEDANCE: 100Ω
WEIGHT: 7.8 oz.



K100 HEADPHONES

AKG's lowest costing professional format headphone. Single side entry high quality cable with gold connectors, self adjusting leather headband, and typical AKG linear monitoring response. Semi-open, supra-aural design allows for hours of use free from fatigue and discomfort.

SPECIFICATIONS

TYPE: Semi-open, supra-aural
FREQUENCY RANGE: 20Hz - 28kHz
SENSITIVITY: 103dB/mW
RATED IMPEDANCE: 100Ω
WEIGHT: 7.8 oz.

The K80 headphone is a lightweight monitor quality headphone that is designed for semi-pro/hi-fi applications. With removable ear pads and self adjusting headband, the K80 offers many of the features found in our higher priced professional models. Acoustically transparent response and well defined low/mid frequencies combined with an extremely comfortable fit make the K80 the ideal choice for the uncompromising listener.

K80 Headphones

SPECIFICATIONS
TYPE: Semi-open, supra-aural
FREQUENCY RANGE: 20Hz - 20kHz
SENSITIVITY: 105dB/mW
RATED IMPEDANCE: 100Ω
WEIGHT: 7.8 oz.



K70 Headphones

Similar to the K80, the K70 is a lightweight monitor quality headphone that offers many of the features found in our professional format headphones. Lightweight, self adjusting, comfortable over many hours of use, and replaceable ear pads, all in a semi-professional cost effective format. Both the K70 and K80 offer premium audio quality at a price affordable to most consumers.

SPECIFICATIONS

TYPE: Semi-Open, Circumaural
FREQUENCY RANGE: 20Hz - 20kHz
SENSITIVITY: 105dB/mW
RATED IMPEDANCE: 100Ω
WEIGHT: 7.8 oz.

Lightweight and low profile, yet extremely accurate and comfortable. The ROX headphones are a unique design that has custom hand painted headband and ear shell for an artistic touch. Patented self adjusting headband and ear pads give the ROX headphone that recognizable AKG feel of comfort over hour/years of use. Ideal for multi-media, hi-fi, and musical applications, the ROX headphones are an ideal gift for the discriminating audiophile/musician.

ROX HEADPHONES

SPECIFICATIONS
TYPE: Semi-open, supra-aural
FREQUENCY RANGE: 20Hz - 20kHz
SENSITIVITY: 105dB/mW
RATED IMPEDANCE: 75Ω
WEIGHT: 7.8 oz.



K141M PROFESSIONAL HEADPHONES

A proven "workhorse" throughout the recording industry, K141M serves as the reference standard for supra-aural (on-the-ear) monitor headphone designs.

A small coupling volume in the ear cup, combined with an "integrated semi-open" venting system behind the transducer, gives the K141M its trademark sound: punchy, accurate and crisply defined. The K141M will deliver high sound pressure levels without distortion, and it is solidly built to withstand around-the-clock session use. Flexible steel cable frame and self-adjusting headband adapt to virtually any head shape instantly.

SPECIFICATIONS
TYPE: Semi-open, supra-aural
FREQUENCY RANGE: 20Hz - 20kHz
SENSITIVITY: 98dB/mW
RATED IMPEDANCE: 600Ω
WEIGHT: 7.8 oz.

**K270S DUAL TRANSDUCER PARABOLIC HEADPHONES**

With two transducers in each earcup, the K270S achieves undistorted, wide-bandwidth reproduction at the output levels far beyond the capability of conventional headphones, while a fully sealed enclosure provides acoustical isolation.

The patented Parabolic Transducer Array in the K270S has two optimized transducers in each earcup, both precisely configured in a tuned enclosure to focus sound waves at the entrance to the ear. The result is a dramatically increased perception of spaciousness, extremely accurate response, and no audible distortion at output levels far beyond the capability of single transducer headphones. This, combined with the enclosed design, makes the K270S an ideal choice in situations where quality monitoring is required in competition with high ambient levels, such as for live or studio drummers. A micro-switch built into the self-adjusting headband disconnects the audio circuit whenever the headphones are removed, preventing potentially damaging feedback or leakage when "hot" headphones are suddenly exposed to open microphones.

SPECIFICATIONS
TYPE: Sealed, Circumaural, Parabolic
FREQUENCY RANGE: 20Hz - 28kHz
SENSITIVITY: 92dB/mW
RATED IMPEDANCE: 75Ω
WEIGHT: 9.5 oz.

K 240DF PROFESSIONAL HEADPHONES

The K240DF follows the criteria specified by the Institute of Radio Technology (IRT) in Munich for a "diffuse field" equalization curve that provides headphone listeners with the sound pattern, characteristic of a room with reflective, non-anchoic surfaces. Each K240DF is rigorously tested to assure strict adherence to the IRT standards for frequency response, channel separation, and sensitivity. Hand-selected and matched components are used to maintain extremely close tolerances. The K240DF is a particularly appropriate choice if a producer or engineer must use headphones when mixing or adding signal processing on material that will be heard later through loudspeakers. Self-adjusting headband and circumaural (around the ear) pads ensure long term wearing comfort without fatigue.

SPECIFICATIONS
TYPE: Semi-Open, Circumaural
FREQUENCY RANGE: 15Hz - 20kHz
SENSITIVITY: 88dB/mW
RATED IMPEDANCE: 600Ω
WEIGHT: 8.5 oz.

**K240M PROFESSIONAL HEADPHONES**

Survey after survey confirms that this is the first headphone of choice in the world's leading recording studios. For good reason.

AKG engineers continually strive to integrate improvements in performance and durability while carefully maintaining the K240M's familiar sonic signature. The "integrated semi-open air" design incorporates a highly accurate dynamic transducer, and an acoustically tuned venting structure behind the element produces a naturally open sound quality. The circumaural (around-the-ear) pads are designed for hours of wearing comfort, while the steel-cable, self-adjusting headband construction and single-sided professional quality audio interconnect ensure extended reliability in demanding professional studio applications.

SPECIFICATIONS
TYPE: Semi-Open, Circumaural
FREQUENCY RANGE: 15Hz - 20kHz
SENSITIVITY: 88dB/mW
RATED IMPEDANCE: 600Ω
WEIGHT: 8.5 oz.

MICROPHONE TABLE STANDS & ACCESSORIES

ST5/2 . . . Keystone base, two-tiered table stand with isolation rubber bumpers and aluminum mounting plate for switches.



ST45 Low profile stand with off-center mount, rubber shock mount feet. 4.5" diameter, 1.5 lbs.



ST46 Miniature stand for small mics. 2.9" diameter, 11.1 oz.



ST305 Heavy-duty stand with shock isolation pad. 6.25" dia., 5.2lbs.

KM160/1 Clamp-on ashtray.

KM160/2 Clamp-on glass holder

KM216 Thread adapter 3/8" male to 1/4"-27 thread female.

KM217 Thread adapter 3/8" female to 1/4"-27 thread male.

KM221C Flange adapter for microphone mounting. 3/8" thread.



KM231/1 Tripod stand collapsible table-top stand.

KM235/1 . . . Stereo microphone bar adapter mounts two microphones on any stand with 1/4"-27 thread.

KM237 Clamp adapter for mounting microphones on table and desk tops. Opens to 1.75" max.

KM238 . . . Stand clamp mount clamps on stand upright to allow mounting of second microphone. 1/4"-27 thread.

KM239/2 Quick release holder bottom part mounts to 1/4"-27 thread. For standard mic clips.

GOOSENECKS AND ACCESSORIES



LGN6 6" gooseneck, supports 64 oz. Chrome or black finish.

LGN13 13" gooseneck, supports 48 oz. Chrome or black finish.

LGN19 19" gooseneck, supports 48oz. Chrome or black finish.

LCE1 Cable exit. 1/8" male and female bushing with side opening.

LMF1 Flange mount with 1/4"-27 thread for LGN series goosenecks. Chrome or black finish.

MSH80 . . . Long low profile optional gooseneck for C747. 15.4"



MSH70
Short, low profile gooseneck supplied with C747.

SHZ80 Slotted screw link for C747

PS3F-LOCK Locking XLR connector for E-version goosenecks

STAND ADAPTERS

SA18/1 For Blue Line series pre-amps.

SA18/2 For use with C460 & C480 pre-amps.

SA18/3 For C414's.

SA26 General purpose "clothes-pin type" adapter.



SA38+H38 Complete stand adapter & shock mount for Blue Line, C460, C480 & C568EB systems.

SA40 For straight shaft microphones.

SA41/1 For tapered shaft microphones.



SA43 For C1000S and wireless microphones.

SA44 For Performer Series and Emotion Series microphones.

SA47 For use with C747.

SA80 Clothes-pin type stand adapter/mounting clamp for C747.

SHOCK MOUNTS, BRACKETS AND CLIPS

H7 Pistol grip for use with all shotgun microphones.

H9 Flange adapter for use with H10 stereo bar.

H10 Stereo bar for use with Blue Line, C460, C480 and C747 systems.

H15/T Shock mount for use with C12VR

H15/22 Shock mount for use with C414 microphones.



H15/33 Shock mount for use with C426B.



H30 Universal shock mount for use with straight shaft microphones.

H38 Shock mount for use with Blue Line, C460B, C480B and C568EB.

H39 Belt clip for use with SE300B pre-amp and CK97 lavalier capsules.

H40 Tie Clip for use with all lavalier microphones.

H40/2 Double mic tie clip for use with all lavalier microphones.

H41 Tie pin for use with all lavalier microphones.



H45 Cable clothing clip for use with headset and lavalier microphones.

H47 Shock mount for use with C747.



H300 Clip for X/Y or MS configurations.

H416 Mount plate for C416.

H418
Drum bracket for use with C418 microphone.



H600 Shock mount for use with E series goosenecks.

A608 Gooseneck length adapter for use with H600.

KA38 Hot shoe video camera adapter for use with H38 shock mount.

TM1 Universal shock mount for use with microphones up to 1 3/8" diameter.



TM2 Universal shock mount for use with microphones up to 2" diameter.



TM3
Universal shock mount for microphones up to 2" diameter.



TM/SM Surface shock mount adapter for microphones up to 1 3/8" diameter.

WINDSCREENS/POP FILTERS

PF10 Foam filter available in red, blue, yellow, white, charcoal, green, or black. Use with ball end microphones. (Pictured Below)



PF100 Stocking type pop filter for studio applications.

W23 For use with ball head microphones.

W31 For various microphones.

W32 For CK series capsules. (Pictured)

W44 For use with MicroMics.



W46 Wire mesh grill for use with CK60 series capsules.

W62 For use with C562BL.

W68 For use with C568EB.

W70 For use with C747 and C647.

W90 For use with Blue Line capsules CK91-CK94.

W95 Wire mesh grill for use with Blue Line CK91-CK94.

W97 For use with CK97/C and CK97CVR.

W97/1 For use with CK97/O.

W417 For use with C417.

W414 For use with C414's.

W426 For use with C426B.

W580 For use with C580.

W547 For use with C547BL.

W621 For use with C621.

W1000 For use with C1000S.

W3001 For Tri-Power vocal mics.

W3003 For Tri-Power instrument mics.

POWER SUPPLIES



N62E

Two channel, phantom power supply, AC powered.



B18E Single channel battery operated phantom power supply.

B29

Battery operated, MicroMic phantom power supply and mixer. Operates one or two microphones.



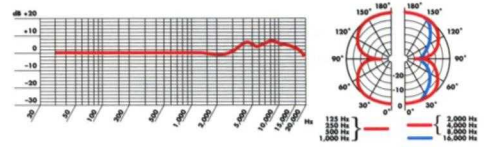
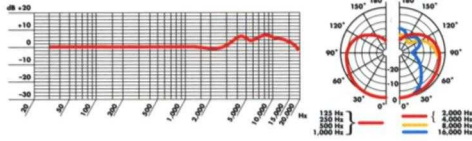
A48V Adapts B18 to operate at 48V

MPA11 XLR terminated MicroMic phantom adapter for B-lock version MicroMic.



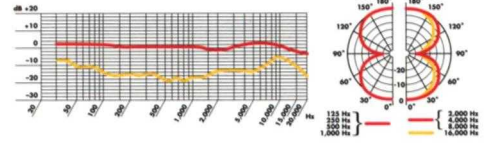
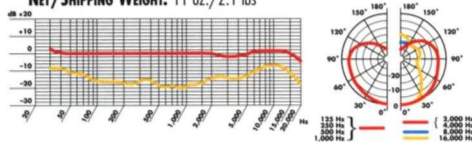
C12 VR

FREQUENCY RANGE: 30Hz to 20kHz
POLAR PATTERNS: cardioid, omnidirectional, figure-8, and six intermediate positions selectable by remote control
PREATTENUATION: -10dB, -20dB switchable
BASS CUT FILTER: 12dB/octave roll-off at 75Hz or 150Hz
SENSITIVITY: 10mV/Pa; 10dB increase available via internal switch
IMPEDANCE: 200Ω
EQUIVALENT NOISE LEVEL: 22dB-A
MAXIMUM SPL FOR 0.5% THD: 128dB
SIZE: 1.7" dia. x 8.9"
NET/SHIPPING WEIGHT: 24 oz./10 lbs.



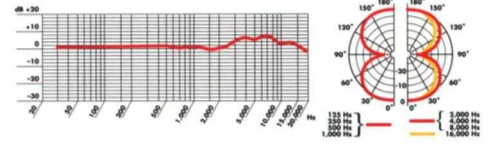
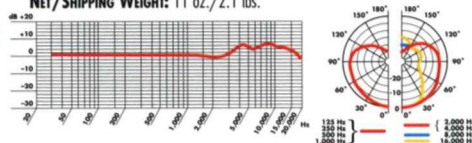
C414B ULS

FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERNS: cardioid, hypercardioid, omnidirectional, and figure-8
PREATTENUATION: -10dB, -20dB switchable
BASS CUT FILTER: 12dB/octave roll-off at 75Hz or 150Hz
SENSITIVITY: 12.5 mV/Pa (all patterns)
IMPEDANCE: 180Ω
EQUIVALENT NOISE LEVEL: 14dB-A
MAXIMUM SPL FOR 0.5% THD: 140dB (160@-20dB) at 1kHz 134dB (154 @ -20dB) 30Hz - 20kHz
POWER REQUIREMENT: 9-52V phantom power to DIN 45596
CURRENT CONSUMPTION: approx. 2mA
SIZE: 5.6" x 1.8" x 1.4"
NET/SHIPPING WEIGHT: 11 oz./2.1 lbs



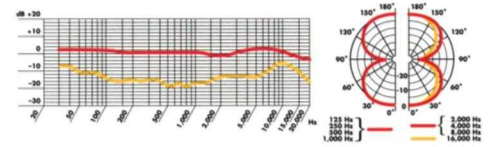
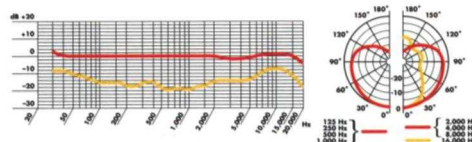
C414B/TLII "Vintage TL"

FREQUENCY RANGE: 10Hz to 20kHz
POLAR PATTERNS: cardioid, hypercardioid, omnidirectional, and figure-8
PREATTENUATION: -10dB, -20dB switchable
BASS CUT FILTER: 12dB/octave roll-off at 75Hz or 150Hz
SENSITIVITY: 12.5 mV/Pa (all patterns)
IMPEDANCE: 180Ω
EQUIVALENT NOISE LEVEL: 14dB-A
MAXIMUM SPL FOR 0.5% THD: 140dB (166@-20dB) at 1kHz 134dB (154 @ -20dB) 30Hz - 20kHz
POWER REQUIREMENT: 9-52V phantom power to DIN 45596
CURRENT CONSUMPTION: approx. 2mA
SIZE: 5.6" x 1.8" x 1.4"
NET/SHIPPING WEIGHT: 11 oz./2.1 lbs.



C426B

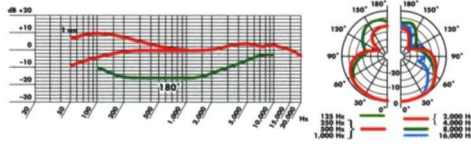
FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERNS: cardioid, omnidirectional, figure-8 and six intermediate positions
PREATTENUATION: -10dB switchable
BASS CUT FILTER: 12dB/octave roll-off at 75Hz
SENSITIVITY: 11 mV/Pa (each channel)
IMPEDANCE: 200Ω
EQUIVALENT NOISE LEVEL: 14dB-A
MAXIMUM SPL FOR 0.5% THD: 132dB (142 @ -10dB)
POWER REQUIREMENT: 9-52V phantom power to DIN 45596
CURRENT CONSUMPTION: approx. 2mA per channel
SIZE: 1.65"/1.3" dia. x 9.25"
NET/SHIPPING WEIGHT: 1.04 lbs./8 lbs.





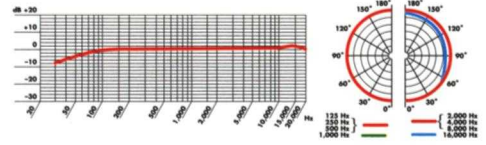
C1000S

FREQUENCY RANGE: 50Hz to 20kHz
POLAR PATTERNS: cardioid, hypercardioid with PPC 1000 mounted
SENSITIVITY: 6mV/Pa
IMPEDANCE: 200Ω
EQUIVALENT NOISE LEVEL: 19dB-A
MAXIMUM SPL FOR 0.5% THD: 137dB
SIZE: 1.3" dia. x 8.7"
NET/SHIPPING WEIGHT: 9.7 oz./1.8 lbs.



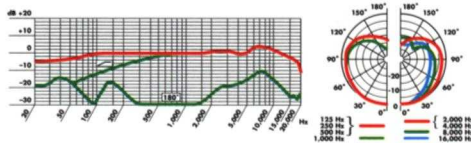
C577

FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERN: omnidirectional
SENSITIVITY: 15 mV/Pa (-37dBV)
IMPEDANCE: ≤600Ω
S/N RATIO: 68dB
SIZE: 0.2" dia. x .06"
NET/SHIPPING WEIGHT: 1.8oz.



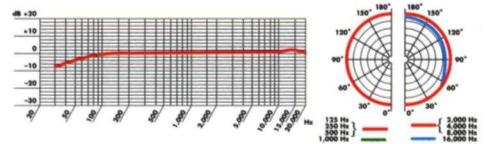
C3000

FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERNS: cardioid, hypercardioid
PREATTENUATION: -10dB, switchable
BASS CUT FILTER: 12dB/octave roll-off at 75Hz or 150Hz
SENSITIVITY: 20 mV/Pa (cardioid); 15mV/Pa (hypercardioid)
IMPEDANCE: 200Ω
EQUIVALENT NOISE LEVEL: 18.5dB-A
MAXIMUM SPL FOR 0.5% THD: 137dB
POWER REQUIREMENT: 9-52V phantom power to DIN 45596
CURRENT CONSUMPTION: 2mA
SIZE: 6.29" x 2.17" dia.
NET/SHIPPING WEIGHT: 11.3 oz./1.8 lbs.



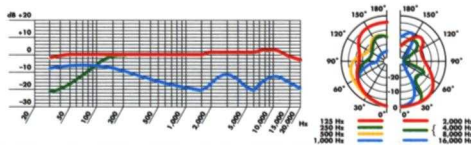
CK77

FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERN: omnidirectional
SENSITIVITY: 46 mV/Pa (-27dBV)
IMPEDANCE: <3500Ω
S/N RATIO: 68dB
SIZE: 0.2" dia. x .06"
NET/SHIPPING WEIGHT: 1.8oz.



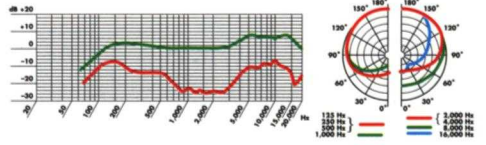
C568EB

FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERNS: hypercardioid/directional
SENSITIVITY: 11mV/Pa
IMPEDANCE: 600Ω
EQUIVALENT NOISE LEVEL: 18dB-A
MAXIMUM SPL FOR 0.5% THD: 128dB
SIZE: 0.8" dia. x 10"
NET/SHIPPING WEIGHT: 6.2 oz./1.4 lbs.



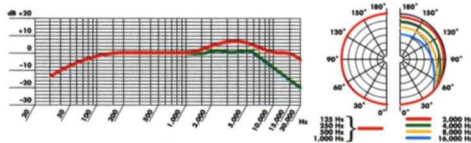
D770 EMOTION SERIES

FREQUENCY RANGE: 60Hz to 20kHz
POLAR PATTERN: cardioid
SENSITIVITY: 2.5mV/Pa (-52dBV)
IMPEDANCE: ≤600Ω
MAXIMUM SPL FOR 1% THD: 147dB
SIZE: 2" dia. x 7.1"
NET/SHIPPING WEIGHT: 10.2oz./23oz.



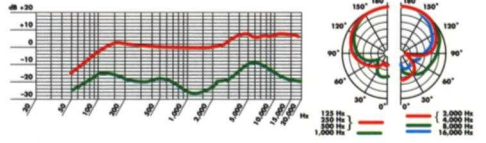
D230

FREQUENCY RANGE: 40Hz to 20kHz
POLAR PATTERN: omnidirectional
SENSITIVITY: 2.5mV/Pa (-52dBV)
IMPEDANCE: 320Ω
RECOMMENDED LOAD IMPEDANCE: >1,000Ω
SIZE: 2.0" dia. x 8.5"
NET/SHIPPING WEIGHT: 30 oz.



D880 EMOTION SERIES

FREQUENCY RANGE: 60Hz to 20kHz
POLAR PATTERN: supercardioid
SENSITIVITY: 2.5mV/Pa (-52dBV)
IMPEDANCE: ≤600Ω
MAXIMUM SPL FOR 1% THD: 147dB
SIZE: 2" dia. x 7.1"
NET/SHIPPING WEIGHT: 10.2oz./23oz.





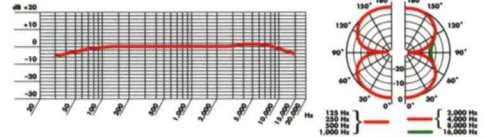
SE300B Powering Output Module

FREQUENCY RANGE: 20Hz to 20kHz
SENSITIVITY: 10mV/Pa
IMPEDANCE: 200Ω
EQUIVALENT NOISE LEVEL: 17dB-A
MAXIMUM SPL FOR 1% THD: 132dB (142dB with 10dB preattenuation)
POWER REQUIREMENT: 9-52V phantom power to DIN 45596
SIZE: 0.7" dia. x 2"
NET WEIGHT: 1.2 oz.



CK94 (with SE300B)

FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERN: figure-8
IMPEDANCE: 200Ω
EQUIVALENT NOISE LEVEL: 22dB-A
MAXIMUM SPL FOR 1% THD: 132dB (142dB with 10dB preattenuation)
POWER REQUIREMENT: 9-52V phantom power to DIN 45596
SIZE: 0.7" dia. x 2"
NET WEIGHT: 1.6 oz.



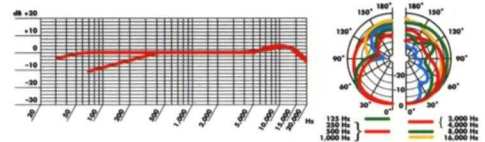
CK91 (with SE300B)

FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERN: cardioid
SENSITIVITY: 10mV/Pa
IMPEDANCE: 200Ω
EQUIVALENT NOISE LEVEL: 17dB-A
MAXIMUM SPL FOR 1% THD: 132dB (142dB with 10dB preattenuation)
POWER REQUIREMENT: 9-52V phantom power to DIN 45596
SIZE: 0.7" dia. x 2"
NET WEIGHT: 1.2 oz.



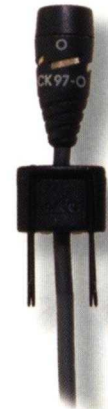
CK97/C (with SE300B)

FREQUENCY RANGE: 150Hz to 18kHz
POLAR PATTERN: cardioid
SENSITIVITY: 12mV/Pa
IMPEDANCE: 200Ω
EQUIVALENT NOISE LEVEL: 26dB-A
MAXIMUM SPL FOR 1% THD: 120dB (130dB with 10dB preattenuation)
POWER REQUIREMENT: 9-52V phantom power to DIN 45596
SIZE: 0.4" dia. x 1"
NET WEIGHT: 0.2 oz.



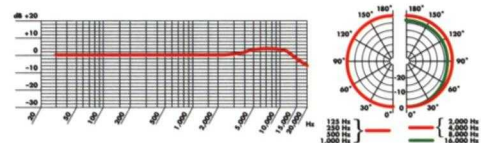
CK92 (with SE300B)

FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERN: omnidirectional
SENSITIVITY: 10mV/Pa
IMPEDANCE: 200Ω
EQUIVALENT NOISE LEVEL: 17dB-A
MAXIMUM SPL FOR 1% THD: 132dB (142dB with 10dB preattenuation)
POWER REQUIREMENT: 9-52V phantom power to DIN 45596
SIZE: 0.7" dia. x 2"
NET WEIGHT: 1.2 oz.



CK97/D (with SE300B)

FREQUENCY RANGE: 20Hz to 18kHz
POLAR PATTERN: omnidirectional
SENSITIVITY: 10mV/Pa
IMPEDANCE: 200Ω
EQUIVALENT NOISE LEVEL: 24dB-A
MAXIMUM SPL FOR 1% THD: 120dB (130dB with 10dB preattenuation)
POWER REQUIREMENT: 9-52V phantom power to DIN 45596
SIZE: 0.3" dia. x 0.7"
NET WEIGHT: 0.1 oz.



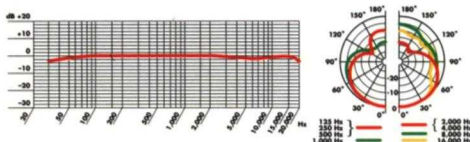
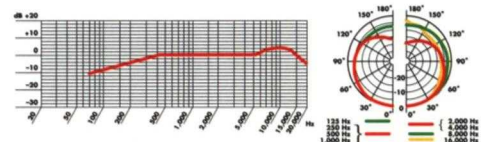
CK93 (with SE300B)

FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERN: hypercardioid
SENSITIVITY: 10mV/Pa
IMPEDANCE: 200Ω
EQUIVALENT NOISE LEVEL: 17dB-A
MAXIMUM SPL FOR 1% THD: 132dB (142dB with 10dB preattenuation)
POWER REQUIREMENT: 9-52V phantom power to DIN 45596
SIZE: 0.7" dia. x 2"
NET WEIGHT: 1.2 oz.



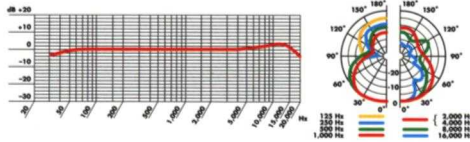
CK97/CVR (with SE300B)

FREQUENCY RANGE: 150Hz to 18kHz
POLAR PATTERN: cardioid
SENSITIVITY: 12mV/Pa
IMPEDANCE: 200Ω
EQUIVALENT NOISE LEVEL: 26dB-A
MAXIMUM SPL FOR 1% THD: 120dB (130dB with 10dB preattenuation)
POWER REQUIREMENT: 9-52V phantom power to DIN 45596
SIZE: 0.4" dia. x 1"
NET WEIGHT: 0.2 oz.

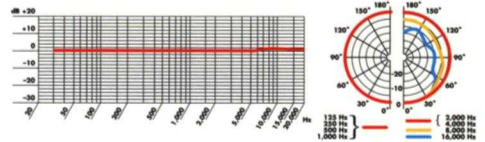




CK98 (WITH SE300B)
FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERN: hypercardioid/directional
SENSITIVITY: 22mV/Pa
IMPEDANCE: 200Ω
EQUIVALENT NOISE LEVEL: 17dB-A
MAXIMUM SPL FOR 1% THD: 124dB (134dB with 10dB preattenuation)
POWER REQUIREMENT: 9-52V phantom power to DIN 45596
SIZE: 0.7" dia. x 10"
NET WEIGHT: 2.8 oz.



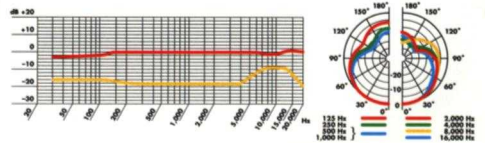
CK62ULS
FREQUENCY RANGE: 20Hz - 20kHz
POLAR PATTERN: omnidirectional
SENSITIVITY: 10mV/Pa (-40dBV)
S/N RATIO: 80dB
MAXIMUM SPL FOR 0.5% THD: 134dB SPL
SIZE: 0.8" dia. x 1.0"
NET/SHIPPING WEIGHT: 5.3 oz.



C460B:
FREQUENCY RANGE: 20Hz to 20kHz 1db from published curve
RESPONSE OF BASS CUT FILTER: 12dB/octave at all settings
SENSITIVITY: 10mV/Pa
IMPEDANCE: 130Ω
RECOMMENDED LOAD IMPEDANCE: ≥600Ω
POWER REQUIREMENT: 9-52V phantom power to DIN 45596
SIZE: 0.8" dia. x 5.9"
NET/SHIPPING WEIGHT: 18 oz.



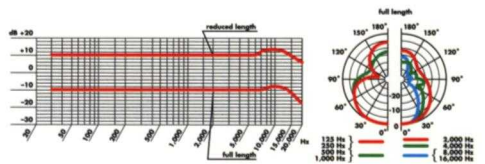
CK63ULS
FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERN: Hypercardioid
SENSITIVITY: 10mV/Pa (-40dBV)
S/N RATIO (A): 80dB
MAXIMUM SPL FOR 0.5% THD: 134dB SPL
SIZE: 0.8" dia. X 1.0"
NET/SHIPPING WEIGHT: 5.3 oz.



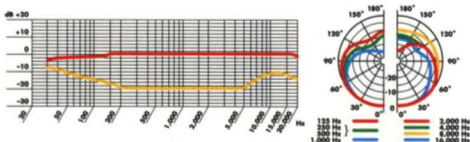
C480B
FREQUENCY RANGE: 10Hz to 30kHz
RESPONSE OF BASS CUT FILTER: 12dB/octave at all settings
SENSITIVITY: switchable +6, 0, -10dB
ELECTRICAL IMPEDANCE: ≤150Ω
RECOMMENDED LOAD IMPEDANCE: 2,000Ω/1,000pF
POWER REQUIREMENTS: 48 +/- 4 volts
SIZE: 0.8" dia. x 5.9"
NET/SHIPPING WEIGHT: 18 oz.



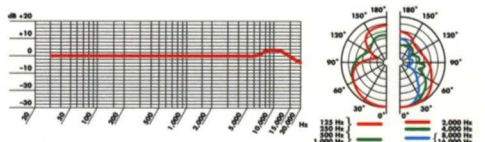
CK68 (with C460B)
TYPE: combined pressure gradient/interference microphone
POLAR PATTERN: directional/ultra-directional
FREQUENCY RANGE: 20Hz - 18kHz
POLAR PATTERNS: directional, ultra-directional
SENSITIVITY: 30mV/Pa
IMPEDANCE: 120Ω
EQUIVALENT NOISE LEVEL: 14dB-A
MAXIMUM SPL: 32Pa; 124dB SPL
SIZE: 0.8" dia. x 6.9" (short) or 12.5" (long)
SIZE (INCLUDE. OF C460B): 0.8" dia. x 12.9" (short) or 18.5" (long)
NET WEIGHT: 2.5oz. (short), 3.9 oz. (long)



CK61ULS (with C460B):
FREQUENCY RANGE: 20Hz to 20kHz 1db from published curve
POLAR PATTERN: cardioid
SENSITIVITY: 10mV/Pa
IMPEDANCE: 130Ω
EQUIVALENT NOISE LEVEL: 17dB-A
MAXIMUM SPL FOR 1% THD: 132dB (142dB with 10dB preattenuation)
POWER REQUIREMENT: 9-52V phantom power to DIN 45596
SIZE: 0.7" dia. x 2"
NET WEIGHT: 1.2 oz.



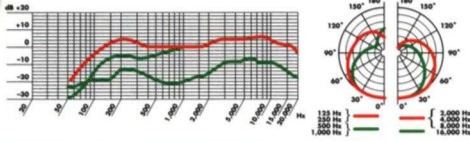
CK69ULS
FREQUENCY RANGE: 20Hz to 18kHz
POLAR PATTERN: Ultra-directional
SENSITIVITY: switchable 54, 27, 8.5mV/Pa (-25, -31, -41dBV)
S/N RATIO (A): 83, 85, 79dB
MAXIMUM SPL FOR 0.5% THD: 134, 140, 142dB SPL
SIZE: 0.8" dia. x 6.9/12.5"
NET/SHIPPING WEIGHT: 1.1 lb.





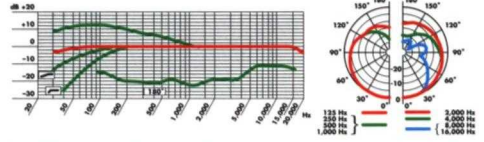
D3500

FREQUENCY RANGE: 60Hz to 20kHz
POLAR PATTERN: cardioid
SENSITIVITY: 2.5mV/Pa
IMPEDANCE: 600Ω
MAXIMUM SPL FOR 3% THD: 156dB
EQUIVALENT NOISE LEVEL: 22dB-A
SIZE: 2.2" dia. x 4.8"
NET/SHIPPING WEIGHT: 12.4 oz./1.7 lbs



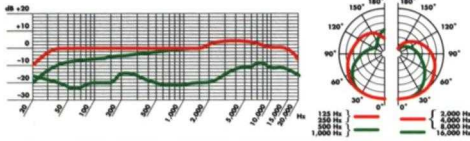
C5600

FREQUENCY RANGE: 20Hz to 22kHz
POLAR PATTERNS: cardioid
SENSITIVITY: 6mV/Pa
IMPEDANCE: 200Ω
EQUIVALENT NOISE LEVEL: 18dB-A
MAXIMUM SPL FOR 1% THD: 140dB
SIZE: 2.2" dia. x 5.4"
NET/SHIPPING WEIGHT: 12.4 oz./1.7 lbs.



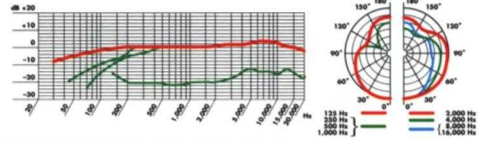
D3600

FREQUENCY RANGE: 20Hz to 22kHz
POLAR PATTERN: cardioid
SENSITIVITY: 2 mV/Pa
IMPEDANCE: 600Ω
MAXIMUM SPL FOR 3% THD: 156dB
EQUIVALENT NOISE LEVEL: 22dB-A
SIZE: 2.2" dia. x 5.1"
NET/SHIPPING WEIGHT: 13.3 oz./1.7 lbs



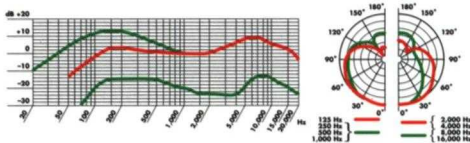
C5900

FREQUENCY RANGE: 20Hz to 22kHz
POLAR PATTERN: hypercardioid
SENSITIVITY: 6 mV/Pa (-45dBV)
IMPEDANCE: ≤200Ω
MAXIMUM SPL FOR 1% THD: 140 dB SPL
SIZE: 2.1" dia. x 7.4"
NET/SHIPPING WEIGHT: 23.9 oz.



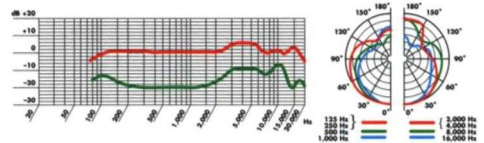
D3700/D3700S

FREQUENCY RANGE: 50Hz to 20kHz; 20Hz - 18kHz at 1/2"
POLAR PATTERN: hypercardioid
SENSITIVITY: 2.5mV/Pa (D3900) 2.8mV/Pa (D3800)
IMPEDANCE: 600Ω
MAXIMUM SPL FOR 3% THD: 156dB
EQUIVALENT NOISE LEVEL: 20dB-A
SIZE: 2.1" dia. x 7.4"
NET/SHIPPING WEIGHT: 9.7 oz./1.5 lbs



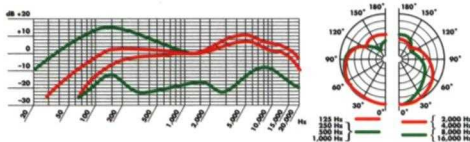
D655

FREQUENCY RANGE: 70Hz to 20kHz
POLAR PATTERN: hypercardioid
SENSITIVITY: 2 mV/Pa
IMPEDANCE: ≤500Ω
SIZE: 2" dia. X 6.9"
NET/SHIPPING WEIGHT: 14.8 oz.



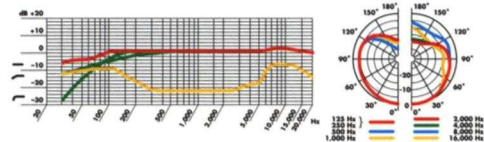
D3900/D3800

FREQUENCY RANGE: 40Hz to 21kHz
 100Hz - 20kHz with bass cut (D3900)
 40Hz - 22kHz with treble boost (D3900)
POLAR PATTERN: hypercardioid
SENSITIVITY: 2.5mV/Pa (D3900)
 2.8mV/Pa (D3800)
IMPEDANCE: 600Ω
MAXIMUM SPL FOR 3% THD: 156dB
EQUIVALENT NOISE LEVEL: 20dB-A
SIZE: 2.1" dia. x 7.4"
NET/SHIPPING WEIGHT: 9.7 oz./1.5 lbs.



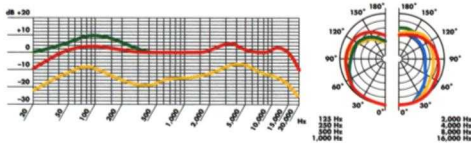
C535

FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERN: cardioid
SENSITIVITY: 7 mV/Pa (-43dBV)
IMPEDANCE: ≤200Ω
S/N RATIO: 73dB
MAXIMUM SPL FOR 1% THD: 137dB SPL
SIZE: 1.8" dia. x 7.2"
NET/SHIPPING WEIGHT: 1.7 lb.



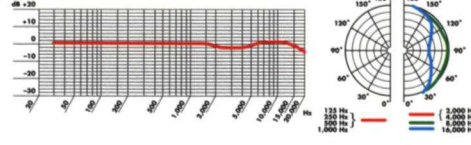
D112

FREQUENCY RANGE: 20Hz to 17kHz
POLAR PATTERN: cardioid
SENSITIVITY: 1.8mV/Pa
IMPEDANCE: 210Ω
SIZE: 4.5" x 2.9" x 5.9"
NET/SHIPPING WEIGHT: 9.9 oz./2.2 lbs.



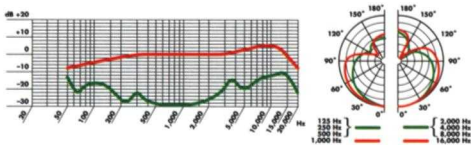
C419

FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERN: hypercardioid
SENSITIVITY: 7mV/Pa (-43dBV)
IMPEDANCE: ≤ 200Ω
MAXIMUM SPL FOR 1% THD: 126dB SPL
SIZE: 7.1" x 1.4"
NET/SHIPPING WEIGHT: 16.8 oz.



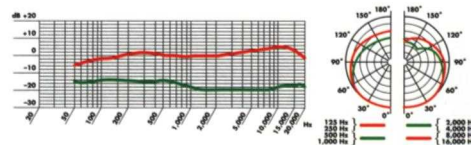
C416

FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERN: hypercardioid
SENSITIVITY: 7mV/Pa (-43dBV)
IMPEDANCE: ≤ 200Ω
MAXIMUM SPL FOR 1% THD: 121dB SPL
SIZE: 9.3" x 1.2"
NET/SHIPPING WEIGHT: 15.9 oz.



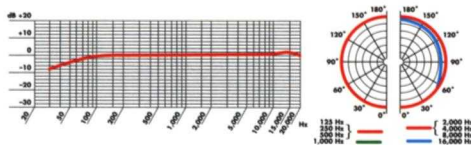
C420

FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERN: Cardioid
SENSITIVITY: 7mV/Pa (-43dBV)
IMPEDANCE: ≤ 200Ω
MAXIMUM SPL FOR 1% THD: 126 dB SPL
SIZE: app. 5.1" circular
NET/SHIPPING WEIGHT: 19.6 oz.



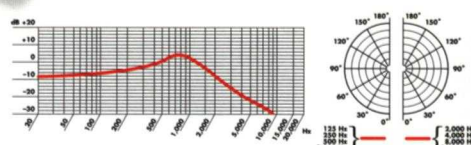
C417

FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERN: omnidirectional
SENSITIVITY: 10mV/Pa (-40dBV)
IMPEDANCE: ≤ 200Ω
MAXIMUM SPL FOR 1% THD: 118 dB SPL
SIZE: 0.3" x 0.6"
NET/SHIPPING WEIGHT: 8.1 oz.



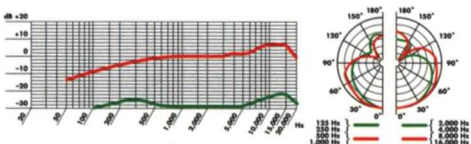
DB-1

FREQUENCY RANGE: 5Hz to 5kHz
POLAR PATTERN: vibration pickup
SENSITIVITY: 2.5mV/ms
IMPEDANCE: 200Ω
MAXIMUM SPL FOR 1% THD: 130dB SPL
SIZE: 8" x 5.8"
NET/SHIPPING WEIGHT: 25.5 oz.



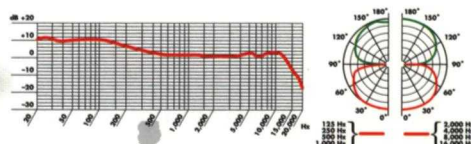
C418

FREQUENCY RANGE: 50Hz to 20kHz
POLAR PATTERN: hypercardioid
SENSITIVITY: 4mV/Pa (-48dBV)
IMPEDANCE: ≤ 200Ω
MAXIMUM SPL FOR 1% THD: 131dB SPL
SIZE: 3" x 1.4"
NET/SHIPPING WEIGHT: 16.3 oz.



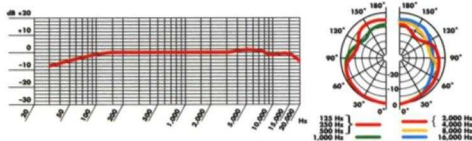
C411

FREQUENCY RANGE: 10Hz to 18kHz
POLAR PATTERN: vibration pickup
SENSITIVITY: 1 mV/ms
IMPEDANCE: ≤ 200Ω
MAXIMUM SPL FOR 1% THD: 96dB SPL
SIZE: 1.0" x 0.5" x .03"
NET/SHIPPING WEIGHT: 8.2oz.



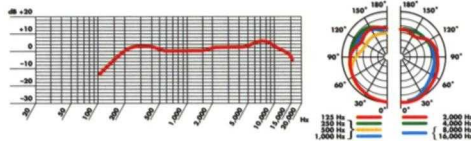
C747

FREQUENCY RANGE: 30Hz to 18kHz
POLAR PATTERNS: hypercardioid
SENSITIVITY: 10mV/Pa
IMPEDANCE: 400Ω
EQUIVALENT NOISE LEVEL: 21dB-A
MAXIMUM SPL FOR 1% THD: 133dB
CONNECTOR: XLR
SIZE: 3/8" dia. x 5.3"
NET WEIGHT: 1.2 oz. (less cable and connector)
SHIPPING WEIGHT: 1.7 lbs.



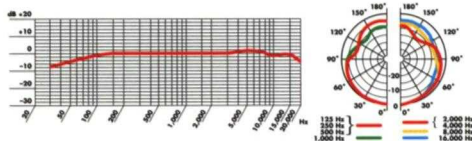
D541E and D541Comb Dynamic

FREQUENCY RANGE: 140Hz to 17kHz
POLAR PATTERN: cardioid
SENSITIVITY: 2mV/Pa
EQUIVALENT NOISE LEVEL: 21dB-A
IMPEDANCE: 700Ω
MAXIMUM SPL FOR 1% THD: 133dB
SIZE: 1.3" dia. x 13.25"
NET/SHIPPING WEIGHT: 12.2 oz./1.1 lb.



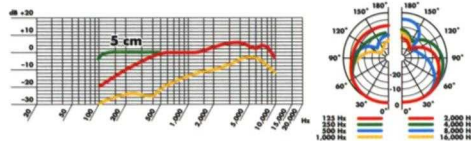
C647E, C647Comb, C647Comb/White

FREQUENCY RANGE: 30Hz to 18kHz
POLAR PATTERN: hypercardioid
SENSITIVITY: 8.5mV/Pa
EQUIVALENT NOISE LEVEL: 21dB-A
IMPEDANCE: 400Ω
MAXIMUM SPL FOR 1% THD: 133dB
SIZE (COMB): 0.4" dia. x 16.5"
SIZE (E): 0.4" dia x 19"
NET/SHIPPING WEIGHT: 7 oz./9 oz.



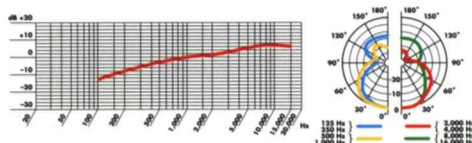
D58E, D58E/Black

TYPICAL WORKING DISTANCE: 0" to 2"
FREQUENCY RANGE: 70Hz to 10kHz
POLAR PATTERN: hypercardioid
SENSITIVITY: 0.72mV/Pa
IMPEDANCE: 240Ω
EQUIVALENT NOISE LEVEL: 16dB-A
MAXIMUM SPL FOR 1% THD: 130dB
SIZE: 0.8" dia. x 1.7"
NET/SHIPPING WEIGHT: 1.4 oz./5.3 oz.



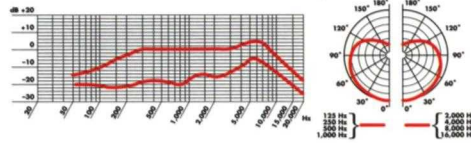
C580E, C580 Comb, C580 Comb/White

FREQUENCY RANGE: 60Hz to 15kHz
POLAR PATTERN: hypercardioid
SENSITIVITY: 15mV/Pa
IMPEDANCE: 600Ω
MAXIMUM SPL FOR 0.5% THD: 125dB
SIZE (COMB): 0.5" dia. x 15.6"
SIZE (E): 0.5" dia x 17.8"
NET WEIGHT (COMB): 6 oz. overall
NET WEIGHT (E): 5.1 oz.



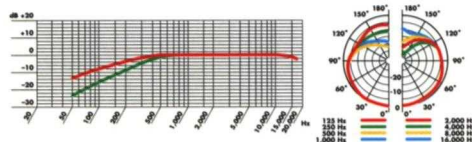
C400BL/BL-1

FREQUENCY RANGE: 150Hz to 10kHz
POLAR PATTERN: Hypercardioid
SENSITIVITY: 50mV/Pa (-26dBV)
IMPEDANCE: ≤200Ω
S/N RATIO (DIN/CCIR): 35dB/ 30dB(A)
MAXIMUM SPL FOR 1% THD: 95dB SPL
SIZE: 1.6" x 0.9" x 0.5"
NET/SHIPPING WEIGHT: 0.2 oz.



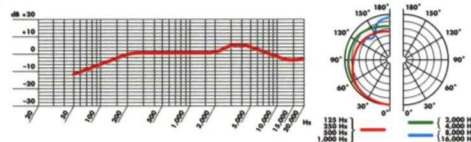
C621E, C621Comb, C621Comb/White

FREQUENCY RANGE: 70Hz to 20kHz
POLAR PATTERN: cardioid
SENSITIVITY: 12mV/Pa
IMPEDANCE: 600Ω
MAXIMUM SPL FOR 1% THD: 125dB
SIZE (COMB): 0.5" dia. x 17"
SIZE (E): 0.4" dia x 14.4"
NET/SHIPPING WEIGHT: 4.3 oz.



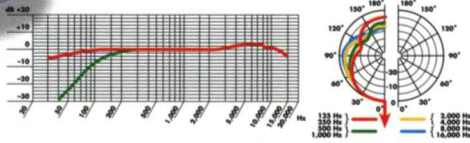
C680BL

FREQUENCY RANGE: 60Hz to 20kHz
POLAR PATTERN: Cardioid
SENSITIVITY: 30 mV/Pa (-30dBV)
IMPEDANCE: ≤200Ω
S/N RATIO (DIN/CCIR): 67 dB(A)/57 dB
MAXIMUM SPL FOR 1% THD: 115 dB SPL
SIZE: 3.8" x 2.6" x 0.8"
NET/SHIPPING WEIGHT: 10 oz.



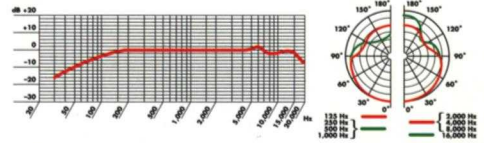
C547BL Hypercardioid

FREQUENCY RANGE: 30Hz to 18kHz
POLAR PATTERN: hypercardioid
SENSITIVITY: 8.5mV/Pa
IMPEDANCE: 400Ω
EQUIVALENT NOISE LEVEL: 21dB-A
MAXIMUM SPL FOR 0.5% THD: 133dB
SIZE: 7.3" x 4.7" x 0.8"
NET WEIGHT: 0.8 lb. without cable



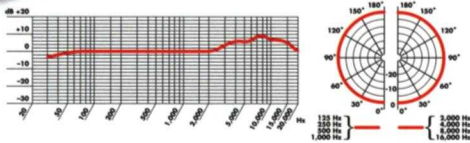
C921CM

FREQUENCY RANGE: 60Hz to 20kHz
POLAR PATTERN: cardioid
SENSITIVITY: 30mV/Pa (-30dBV)
IMPEDANCE: ≤400Ω
S/N RATIO (DIN/CCIR): 67dB/ 57dB(A)
MAXIMUM SPL FOR 1% THD: 115dB SPL
SIZE: 0.5 dia. x 1.6"
NET/SHIPPING WEIGHT: 13 oz.



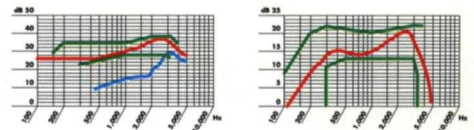
C562BL

FREQUENCY RANGE: 20Hz to 20kHz
POLAR PATTERN: hemispherical omni
SENSITIVITY: 20mV/Pa
IMPEDANCE: 600Ω
EQUIVALENT NOISE LEVEL: 16dB-A
MAXIMUM SPL FOR 1% THD: 130dB
SIZE: 6.3" x 0.4"
NET/SHIPPING WEIGHT: 2.1 lbs./3.5 lbs (BL version)



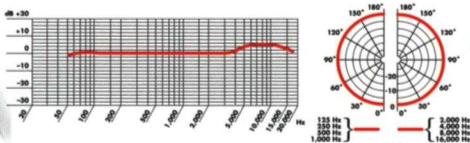
HSC 100

MICROPHONE TYPE: Noise Canceling
IMPEDANCE: 2.2kΩ
S/N RATIO: >50dB
OPERATING VOLTAGE: 1.5 - 10Vdc
OPERATING CURRENT: <500µA
SPEAKER TYPE: Intra-concha
HARMONIC DISTORTION: <2% at 17dB/Pa
RESPONSE: 300 - 3,400Hz
MAGNETIC CD-FIELD: <400 A/cm at 2mm
SIZE: 0.7" x 3.0"
NET/SHIPPING WEIGHT: 5.0 oz.



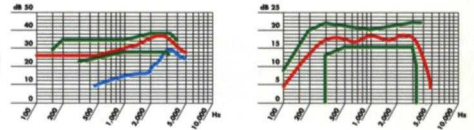
C562CM

FREQUENCY RANGE: 15Hz to 15kHz
POLAR PATTERN: hemispherical omni
SENSITIVITY: 10mV/Pa
IMPEDANCE: 600Ω
EQUIVALENT NOISE LEVEL: 16dB-A
MAXIMUM SPL FOR 1% THD: 130dB
SIZE: 0.8" x 1.2"
NET/SHIPPING WEIGHT: 1oz./6.9 oz.



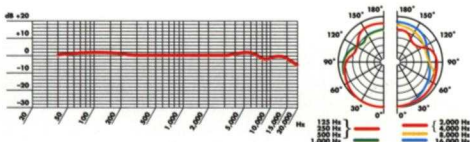
HSC 150

MICROPHONE TYPE: Noise Canceling
IMPEDANCE: 2.2kΩ
SENSITIVITY: -47dBV/1Pa
S/N RATIO: >50dB
OPERATING VOLTAGE: 1.5 - 10Vdc
OPERATING CURRENT: <500µA
SPEAKER TYPE: External ear mount
HARMONIC DISTORTION: <3% at 16dB/Pa
RESPONSE: 300 - 3,400Hz
MAGNETIC CD-FIELD: <400 A/cm at 2mm
SIZE: 0.7" x 3.0"
NET/SHIPPING WEIGHT: 5.0 oz.



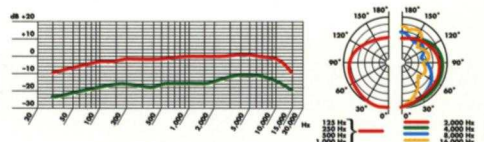
C947CM

FREQUENCY RANGE: 20Hz to 18kHz
POLAR PATTERN: hypercardioid
SENSITIVITY: 40mV/Pa (-41dBV)
IMPEDANCE: ≤400 Ω
S/N RATIO (DIN/CCIR): 70dB(A)/ 60dB
MAXIMUM SPL FOR 1% THD: 122dB SPL
SIZE: 0.4" dia. X 5.4"
NET/SHIPPING WEIGHT: 13.2 oz.



D190E/D190ES

Model D190ES includes on/off switch.
FREQUENCY RANGE: 30Hz to 16kHz
POLAR PATTERN: cardioid
SENSITIVITY: 1.6mV/Pa
IMPEDANCE: 280Ω
SIZE: 1.6" dia. x 6.3"
NET/SHIPPING WEIGHT: 9.9 oz./2.2 lbs.





■ A Harman International Company

AKG Acoustics, U.S. • 1449 Donelson Pike • Nashville • TN 37217 • Tel: (615) 399-2199 • Fax: (615) 367-9046

www.SteamPoweredRadio.Com