



H A Harman International Company

# CK 80

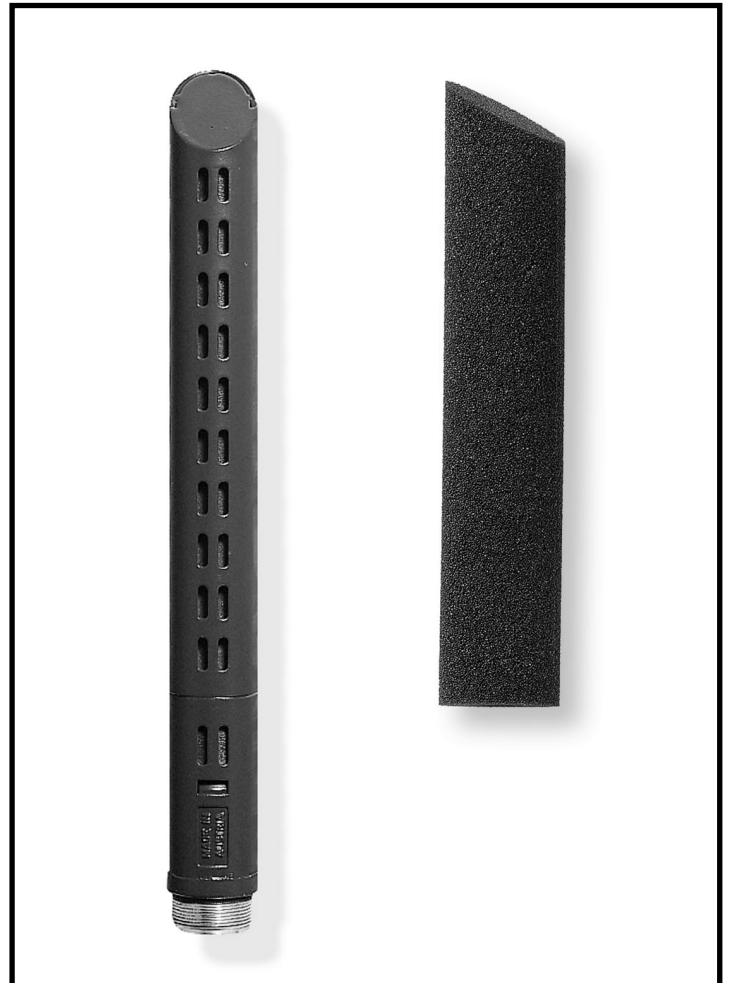
## Capsule Module

### Description

The CK 80 is a hypercardioid modular screw-on capsule with smooth response from 50 Hz to 20 kHz. All Discreet Series capsules feature pre-polarized condenser elements with gold plated contacts to ensure reliable connections and trouble-free performance. The CK80 capsule can be used with any of the “Discreet Acoustics Modular Series” installation modules. Each capsule is supplied with a W80 windscreen that reduces the impinging air stream. This reduction of air velocity reduces wind noise while maintaining acoustic transparency.

### Specifications

Transducer Principle:	Condenser prepolarized
Frequency Range:	60–15,000 Hz
Polar Pattern:	Hypercardioid
Sensitivity at 1,000 Hz:	30 mV/Pa $\Delta$ -30 dBV*
Equivalent Noise Level:	< 17 dB-A
Sound Pressure Level for 1% THD:	125 dB
S/N Ratio (A-weighted):	> 76.5 dB
Electr. Impedance:	< 600 ohms
<b>Power Requirement:</b>	9 to 52 volts phantom power, requires DPA adapter (incl. in GN or HM modules)
Finish:	Dark gray matte
Size:	0.5 x 4.9 in. (13 x 128 mm)
Special Features/Applications:	Modular microphone system for conferencing, theaters, houses of worship and many others
<b>Fitting Mounting Modules:</b>	GN 15, GN 15 E, GN 15 ES, GN 30, GN 30 E, GN 30 ES, GN 50, GN 50E, GN 50ES, HM 1000, GN 155 SET
<b>Included Accessories:</b>	W80 foam windscreen



### Features

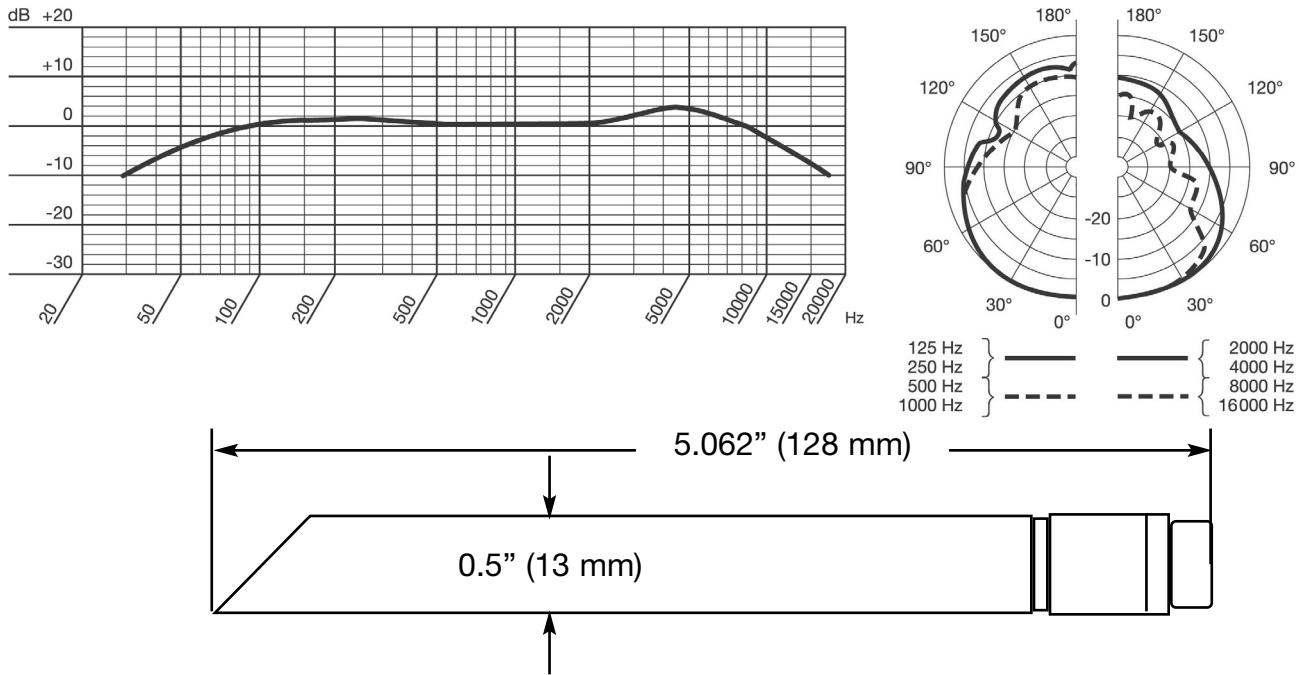
- Hypercardioid pickup
- Speech optimized frequency range
- Screw-on capsule
- Gold plated contacts
- Excellent working distance
- Shotgun type
- Internal shock mount

# Architects and Engineers Specifications

The microphone shall be a screw-on hypercardioid capsule that mates with the AKG Discreet Acoustics Modular Series and shall have an interference tube section for enhanced directivity at high frequencies. The microphone shall accept phantom powering over the universal range from 9 to 52 volts dc. The microphone shall have a sensitivity no less than 30 mV/Pa (-30 dBV), and the total

harmonic distortion (THD) at an operating acoustical level of 125 dB shall be no greater than 1%. The electrical impedance of the microphone shall be no greater than 600 ohms. Electrical mating contacts for mounting the microphone shall be gold plated for positive, trouble free operation over long periods. The microphone shall be the AKG Acoustics Model CK 80.

## Graphical Data



AKG is constantly improving and modifying its products, therefore, specifications are subject to change without notice.

### Limited Warranty

Valid only in the United States. AKG Acoustics warrants AKG products against defects in material or workmanship for a period of two years from the date of original purchase for use, and agrees to repair or, at our option, replace any defective unit without charge for either parts or labor. Important: This warranty does not cover damage resulting from accident, misuse or abuse, lack of reasonable care, the affixing of any attachment not provided with the product, loss of parts or connecting the product to any but the specified receptacles. This warranty is void unless service or repairs are performed by an authorized service center. No responsibility is assumed for any special, incidental

or consequential damages. However, the limitation of any right or remedy shall not be effective where such is prohibited or restricted by law. Simply take or ship your AKG product prepaid to our service department. Be sure to include your sales slip as proof of purchase date. (We will not repair transit damage under the no-charge terms of this warranty.) Note: No other warranty, written or oral is authorized by AKG Acoustics, Inc. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitation on how long an implied warranty lasts, so the above exclusions and limitation may not apply to you.

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