



H A Harman International Company

C 417

MicroMic II Condenser Lavalier Microphones

Description

The AKG Model C 417 is an extremely smooth omnidirectional microphone intended to be worn by speakers who demand highest audio quality and complete freedom of movement. It is one of the smallest lavalier microphones available today and is available in both black and beige versions for ultimate concealing. Frequency response extends from 20 Hz to 20 kHz, with a 4 dB rise at 8 kHz for enhanced intelligibility.

The C 417 can handle sound pressure levels of 126 dB with only 3% THD and operates with phantom powering over a range from 9 to 52 Vdc. The C417 has a 10 ft. (3-meter) cable that is terminated in an XLR-M connector for phantom powering. The C 417/L has a 5 ft. (1.5-meter) cable terminated in a mini-XLR-F connector for use with the B 29 L battery power supply/mixer, MPAIII phantom power adapter, or with PT 40, -61, -80, -81 wireless transmitters.

Specifications

Transducer Principle:	Pre-polarized condenser
Frequency Range:	20–20,000 Hz
Polar Pattern:	Omnidirectional
Sensitivity at 1,000 Hz:	10 mV/Pa $\hat{=}$ -40 dB
Equivalent Noise Level:	32.4 dB (DIN 45 412)
Sound Pressure Level for 1% THD:	118 dB (for 3 % THD: 126 dB)
S/N Ratio (A-weighted):	60 dB
Electr. Impedance:	200 ohms
Load Impedance:	\geq 1,000 ohms
Power Requirement:	9–52 V phantom power (DIN 45596) or battery powering from B 29 L, or AKG bodypack transmitters
Connectors:	C417/B: 1/8" mono jack C417: 3-pin XLR type C417/L: 3-pin miniature XLR
Finish:	Matte black or beige
Size:	Dia 0.3 in. (7.5 mm) Length 0.5 in. (15 mm)
Net Weight:	C 417/L: 0.3 oz. (8 g) C 417: 0.3 oz. (8 g)
Shipping Weight:	C 417/L: 5.9 oz. (160 g) C 417: 8 oz. (220 g)
Included Accessories :	W 407 Windscreen H 40/1 Tie clip H 41 Tie pin
Optional Accessories:	B 29 L Battery power supply (for C 417 L) MPAIII Phantom adapter (for C 417 L)



Features

- Ultra-slim profile and matte black or beige finish for unobtrusive wearing
- Extended low and high frequency response
- Omnidirectional pattern for natural speech quality
- High sensitivity (10 mV/Pa)
- High acoustic level capability (126 dB-SPL for 3% THD)

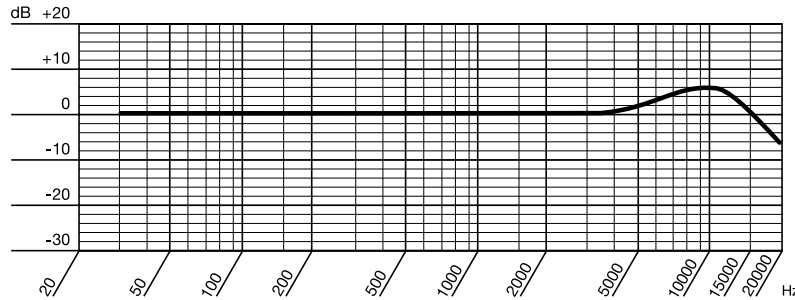
Architects and Engineers Specifications

The microphone shall be an omnidirectional condenser type, no larger in diameter than 0.3 in. (7.5 mm) diameter and 0.5 in. (15 mm) length. Finish shall be available in matte black (beige). On-axis frequency response shall be maintained within the range of 20 Hz to 20 kHz, -8, +2 dB, as measured at 1 meter. Microphone sensitivity shall be at least 10 mV/Pa.

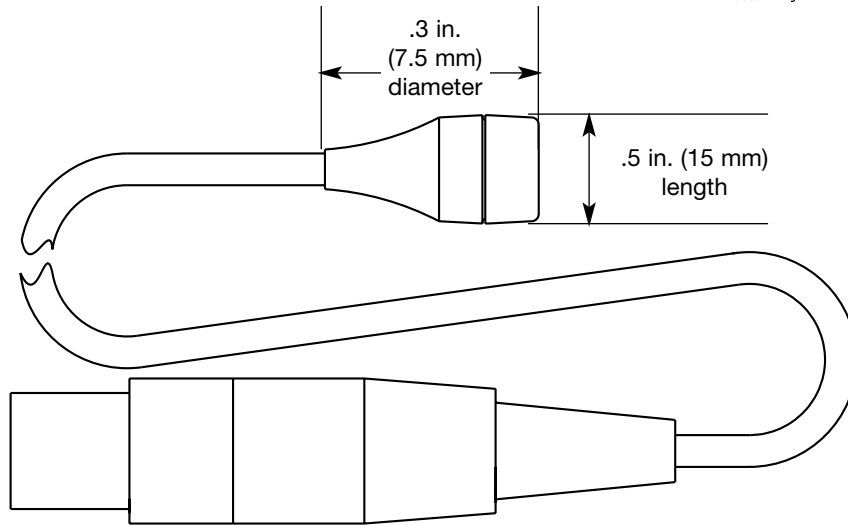
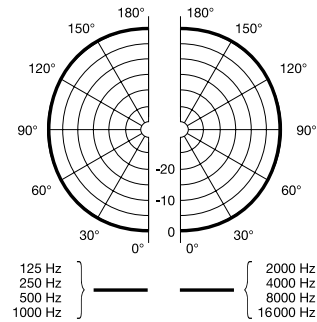
The microphone shall operate in a sound field of 118 dB with no greater than 1% THD. The microphone shall operate on phantom powering, covering the nominal limits of 9 to 52 volts. The microphone shall have provision for personal power supply mounting, lapel mounting, and a windscreen. The microphone shall be the AKG Acoustics Model C 417, C 417/B or C 417/L.

Graphical Data

On-axis Frequency Response (measured at 1 meter)



Polar Response



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.

Microphones · Headphones · Wireless Microphones · Wireless Headphones · Headsets · Electroacoustical Components



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C417

PROFESSIONAL LAVALIER
MICROPHONE



A HIDDEN SECRET

for theaters, broadcast and conference applications

The C417 is a professional lavalier microphone with omnidirectional polar pattern. Its broadband, flat audio reproduction is ideal for all types of broadcast and theatrical applications. The sound is extremely open and natural, making it ideal for wireless or hardwire multi-mic situations. Thanks to its small housing, it can be inconspicuously and securely attached to jackets and costumes. An attachment clip, tie pin and windscreen are supplied with each C417.

The C417 is available in two versions. The C417 PP features a standard XLR connector while the C417 L provides a professional three-pin mini XLR connector that fits the body pack transmitters of all AKG wireless microphone systems.

CK99 L

CONDENSER LAVALIER
MICROPHONE



HIDE AND SPEAK

for house-of-worship, conference and theater applications

The CK99 L is a condenser lavalier microphone with cardioid polar pattern. It provides a natural sound, with a slight rise above 10kHz for added clarity, perfect for applications in houses of worship, lectures and theaters.

Thanks to its small housing and the included durable metal clip, it can be inconspicuously and securely mounted on jackets and costumes. The CK99 L provides a professional three-pin mini XLR connector that fits the body pack transmitters of all AKG wireless microphone systems.

- **Omnidirectional polar pattern**
for unchanging sound quality in all directions
- **Extremely lightweight and inconspicuous**
for excellent comfort and perfect fit
- **Professional three-pin, mini XLR connector**
fits all AKG wireless pocket transmitters
- **Balanced sound characteristics**
for natural reproduction of instruments

Included accessories: H40/1 Tie clip, H41 Tie pin, Microphone bag, W407 Windscreen

Item Number:

C417 L Black	2577X00080	Black color, for use with B29 L, MPA V-L and all AKG bodypack transmitters
C417 PP Black	2577X00120	Black color, with standard XLR connector for phantom powering
C417 L Flesh tone	2577X00160	Flesh tone color, for use with B29 L, MPA V-L and all AKG bodypack transmitters

- **Cardioid polar pattern**
eliminates noise from the rear
- **125° pickup angle**
for inexperienced or very vivacious talkers
- **Small housing and durable metal clip**
for inconspicuous, secure mounting

Included accessories: Windscreen

Item Number: CK99 L 6000H51040