



H A Harman International Company

C 417, C 417/B-lock C 417 L, C 417 WL 900

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 microphone 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 C 417 has a 3 meter (10 ft.) cable that is terminated in an XLR-M connector for phantom powering. The C 417/B-lock has a 1.5 meter (5 ft.) cable terminated in a 3.5 mm (1/8 in.) lockable minijack for use with the B 29 battery power supply, MPA II phantom adaptor, or with C 417 L: switchcraft connector for WMS 60 AKG wireless bodypack transmitters. C 417 WL 900: Special AKG connector for PT 900 wireless bodypack 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:	34 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 Vdc nominal Phantom powering
Connectors:	C 417/B-lock: 1/8" mono jack C 417: 3-pin XLR type C 417 L: 3-pin miniature XLR C 417 WL 900: 2-pin connector for PT 900 bodypack transmitter
Finish:	matte black or beige
Size:	dia 7.5 mm (0.3 in.) length 15 mm (0.6 in.)
Net/Shipping Weight:	C 417 B-lock: 8 g (0.3 oz.)/ 160 g (5.9 oz.) C 417: 8 g (0.3 oz.)/220 g (8 oz.)
Included Accessories :	W 407 Windscreen H 40/1 tie clip H 41 tie pin
Optional Accessories:	B 29 battery power supply (for C 417/B) MPA II Phantom adaptor (for C 417/B)

Features

- Ultra-slim profile and matte 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)



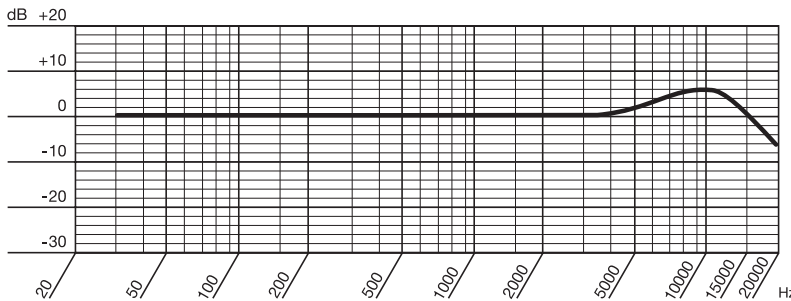
Architect's and Engineer's Specifications

The microphone shall be an omnidirectional condenser type, no larger in diameter than 7.5 mm (0.3 in.) diameter and 15 mm (0.6 in.) 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

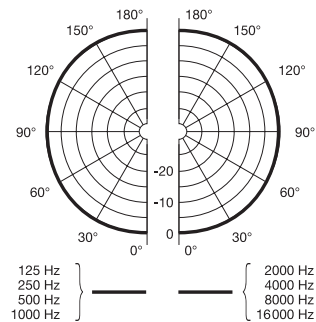
field of 118 dB with no greater than 1 % THD. The microphone shall operate on phantom powering, covering the nominal limits of 9 to 52 volts. The microphone shall have provision for personal power supply mounting, lapel mounting, and a windscreen. The microphone shall be the AKG model C 417, C 417/B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

Graphical Data

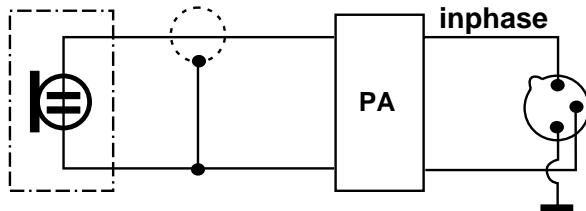
On-axis Frequency Response (measured at 1 meter)



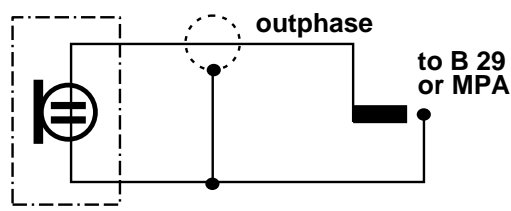
Polar Response



C 417



C 417/B-lock



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 one year 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



H A Harman International Company

AKG Acoustics GmbH
Lemböckgasse 21-25, P.O.B. 158, A-1230 Vienna/AUSTRIA
Tel: (43 1) 86 654-0*, Fax: (43 1) 86 654-516
Internet: <http://www.akg-acoustics.com>

AKG Acoustics; A Division of Harman Pro Germany
Bodenseestraße 228, D-81243 München/GERMANY
Tel: (089) 87 16-0, Fax: (089) 87 16-200

Arbiter Pro Audio
Wilberforce Road, London NW9 6AX/ENGLAND
Tel: (0181) 202 1199, Fax: (0181) 202 7076

AKG ACOUSTICS, U.S.
1449 Donelson Pike, Airpark Business Centre 12,
Nashville, TN 37217, U.S.A.
Tel: (615) 360-0499, Fax: (615) 360-0275

Studer Japan Ltd.
2-43-7, Uehara, Shibuya-ku, Tokyo 151-0064/JAPAN
Tel: (813) 3465-2211, Fax: (813) 3465-2214

Erikson Pro Audio
620 McCaffrey, St-Laurent, Quebec, H4T 1N1, CANADA
Tel: (514) 738-3000, Fax: (514) 737-5069
Internet: www.jam-ind.com/eriksonpro