



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

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|---|--|
| 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)**

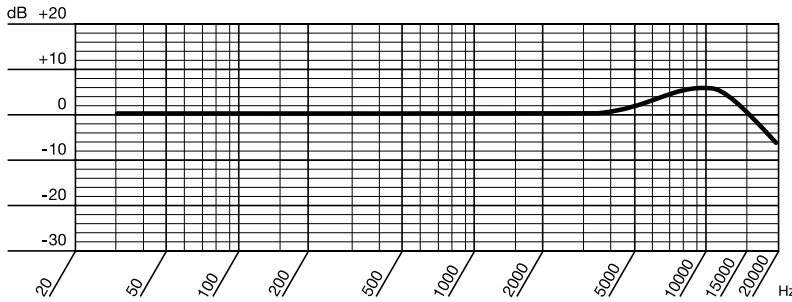
Architects and Engineers Specifications

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.

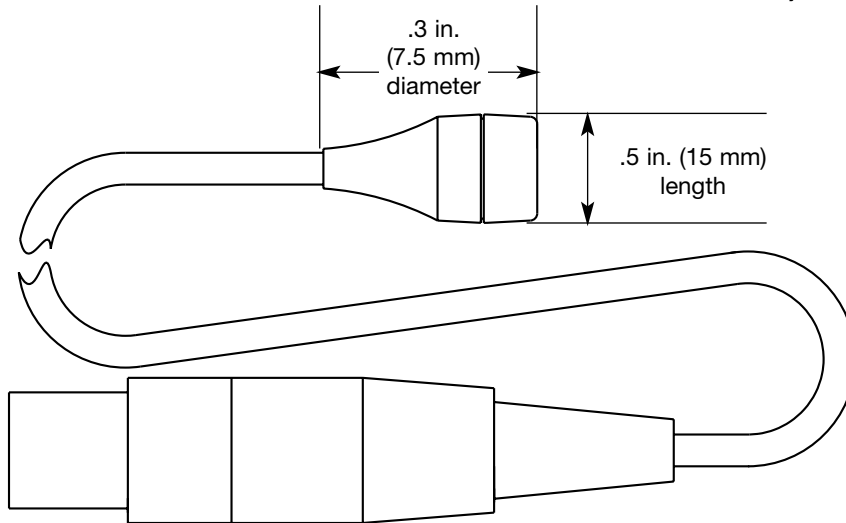
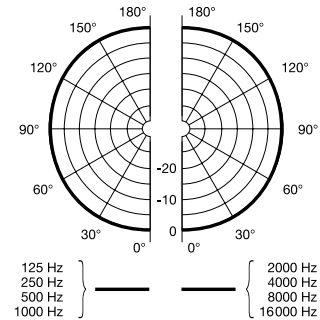
The microphone shall operate in a sound field of 118 dB with no greater than 1% THD. The microphone shall operate on phantom powering, covering the nominal limits of 9 to 52 volts. The microphone shall have provision for personal power supply mounting, lapel mounting, and a windscreens. The microphone 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



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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