



H A Harman International Company

C 420

Condenser Microphone

Description

The C 420 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 aerobics instructors. It has a new and fully adjustable headband and earpieces that fit comfortably and securely on your head. The C 420 has the cable exiting from the rear of the headband to stay out of the way of your performance.



Specifications

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| Transducer type: | Condenser pressure gradient |
| Frequency response: | 20 Hz - 20 kHz |
| Polar pattern: | Cardioid |
| Impedance: | 200 ohms |
| Output connector: | XLR (C420), mini XLR (C420/L) |
| Sensitivity: | 7 mV/Pa; -43 dB (re 1 V) |
| Powering: | Phantom powering from 9 to 52 Vdc with power adapter |
| Sound pressure level for 1% /3% THD: | 126/130 dB |
| Size: | 4.9 in. (125 mm) x 5.0 in. (130 mm) |
| Net/Shipping weight: | 1.1 oz./19.6 oz. (30 g/540 g) |
| Standard accessory: | W 44 Windscreen |
| Optional Accessories: | B 29 L battery operated phantom power supply with a 2 input mixer (used with the C 420 L version) B 18 E battery operated phantom power supply. (used with C 420) B 15 battery operated power supply |

Features

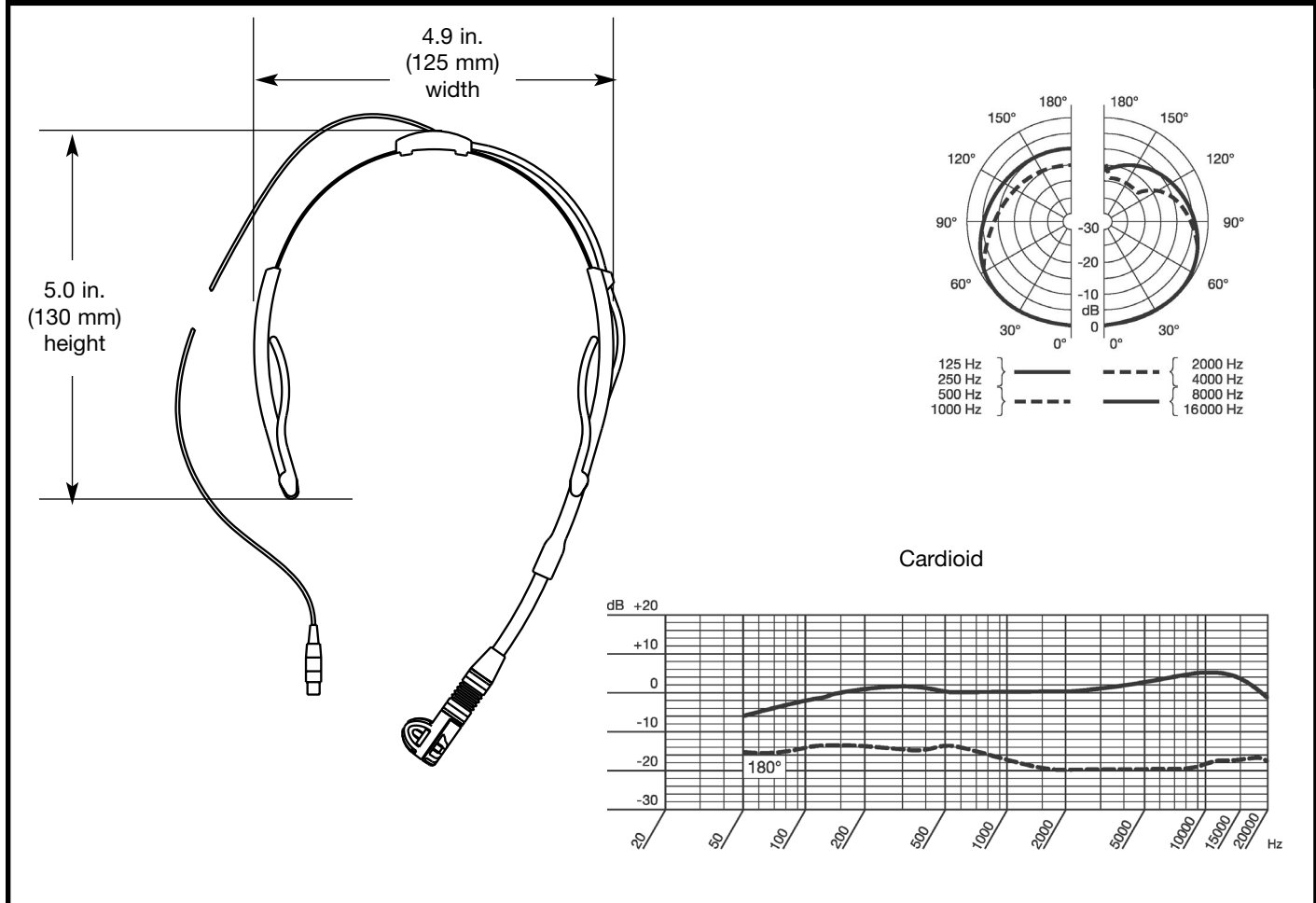
- **Behind-the-head band for comfort and secure mounting**
- **Miniature gooseneck for precise positioning**
- **External shock mounting for freedom from interference**
- **Adaptable to phantom powering or wireless operation**

Architects and Engineers Specifications

The microphone shall be a condenser type with a cardioid pickup pattern with response from 20 Hz to 20 kHz. Sensitivity shall be no less than 7 mV/Pa, and the maximum operating level for 1 and 3% THD shall be 126 and 130 dB, respectively. The microphone shall be adaptable to either phantom powering over the range from 9 to 52 Vdc, or for direct use with a wireless

transmitter worn by the user. The microphone dimensions shall be 5.1 inches circular, and the net microphone weight shall be no greater than 1.1 ounces (30 g). The microphone shall be the AKG Acoustics Model C 420. Specify XLR (C 420) for hard-wired applications; B-Lock (C 420/B), or mini XLR (C 420/L) are specified for use in a wireless system.

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.

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

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

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