



H A Harman International Company

# C5900

## Tripower Condenser Microphone

### Description

The AKG Model C5900 is a rugged condenser hypercardioid microphone intended for on-stage instrumental and vocal pickup. Its hypercardioid pattern is uniform with frequency, and response has been boosted slightly at mid and high frequencies for crisp instrumental pickup and improved speech intelligibility. Switchable 6 dB/octave bass rolloff and 12 dB/octave bass cut provide flexibility in dealing with proximity effect. The microphone capsule is shock mounted with an easily removable wire mesh grill. The smooth triangular shape of the microphone is easier to hold than normal circular cross-section designs and is stable when the microphone is placed on a surface. The light-weight body is die cast zinc alloy and has a dark matte finish for minimum reflection and glare.

### Specifications

<b>Transducer type:</b>	Prepolarized backplate condenser
<b>Frequency response:</b>	20 - 22 kHz
<b>Polar pattern:</b>	Hypercardioid
<b>Power requirements:</b>	9 - 52 Vdc
<b>Impedance:</b>	200 ohms
<b>Recommended load impedance:</b>	>2000 ohms
<b>Output connector:</b>	XLR-M
<b>Sensitivity:</b>	6 mV/Pa; -45 dB (re 1 V/Pa)
<b>Switchable bass rolloff:</b>	6 dB/octave
<b>Switchable bass cut:</b>	12 dB/octave
<b>Sound pressure level for 1% (3%) THD:</b>	140 dB SPL (149 dB SPL)
<b>Environmental operation:</b>	
<b>Temperature:</b>	-10°C to +65°C
<b>Maximum relative humidity at +20°C:</b>	90%
<b>Size:</b>	Maximum diameter: 2.1 in. (53 mm) 7.4 in. length (187.5 mm)
<b>Net weight:</b>	9.8 oz. (276 g)
<b>Shipping weight:</b>	23.9 oz. (676 g)
<b>Accessories included:</b>	SA41/1 stand adapter
<b>Optional accessories:</b>	W23 foam windscreen

### Features:

- Broad high frequency rise (4 dB) for added presence
- Hypercardioid pattern for added immunity to feedback
- Switchable low frequency cut and rolloff
- Internal elastic suspension for reduced handling noise
- Light-weight die cast metal body with dark matte finish
- Replaceable grill assembly
- Universal phantom powering

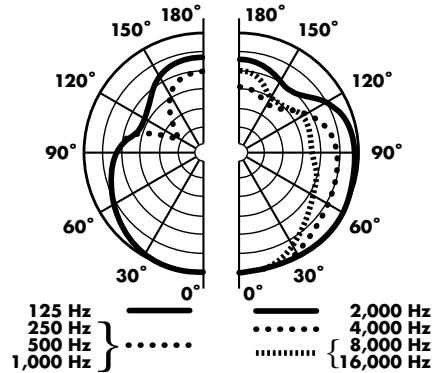
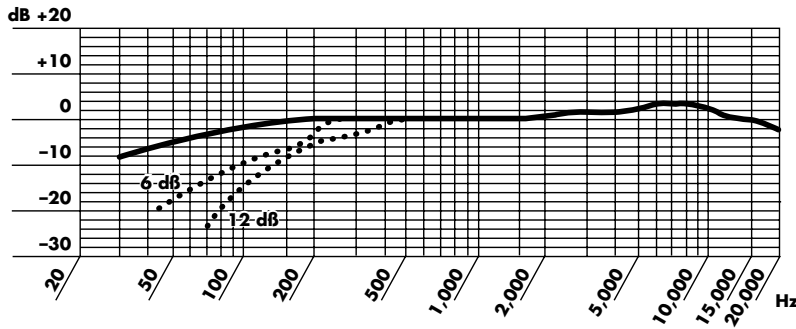


# Architects and Engineers Specifications

The microphone shall be a backplate condenser type with a hypercardioid pickup pattern. Sensitivity shall be no less than 6 mV/Pa, and the maximum operating level for 3% THD shall be no less than 149 dB SPL. The maximum diameter of the microphone shall be no greater than 2.1 in., and the microphone length shall be no greater than 7.4 in. Microphone net weight shall

be no greater than 9.8 oz. The microphone shall operate on phantom powering over the range from 9 to 52 Vdc. The microphone shall include the following low frequency options: switchable bass rolloff of 6 dB/octave and switchable bass cut of 12 dB/octave. The microphone shall be the AKG Acoustics model C5900.

## 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 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.

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