



H A Harman International Company

# C 477 WR

## Head-Worn Microphone

### Description

AKG's new C 477 WR builds on the success of the CK 77 WR model by offering a head-worn version of the microphone with the same acoustical performance features. It is available in both left and right models and can be positioned very close to the user's mouth for the highest possible gain before feedback. The C 477 WR uses a flexible band of steel tubing behind the user's neck that can conform to achieve the most comfortable fit, effectively creating a custom fit for each user. The microphone extends from the rear of the headband, allowing for further customizing of fit for each user, making the microphone ideal for on-stage use.

The microphone is protected from the build up of water, perspiration or makeup through the use of a mylar drip ring which prevents fluids from reaching the capsule. In addition, the capsule is hermetically sealed for ultimate protection.

The microphone's capsule has a dual diaphragm transducer that acts as a noise-canceling element for structure borne sounds originating at even small distances, effectively canceling noises due to rubbing against the user's clothing or cable impact noises.

The microphone is available in both black and beige versions and can be ordered with stripped/tinned leads or with a Switchcraft TA3F connector.

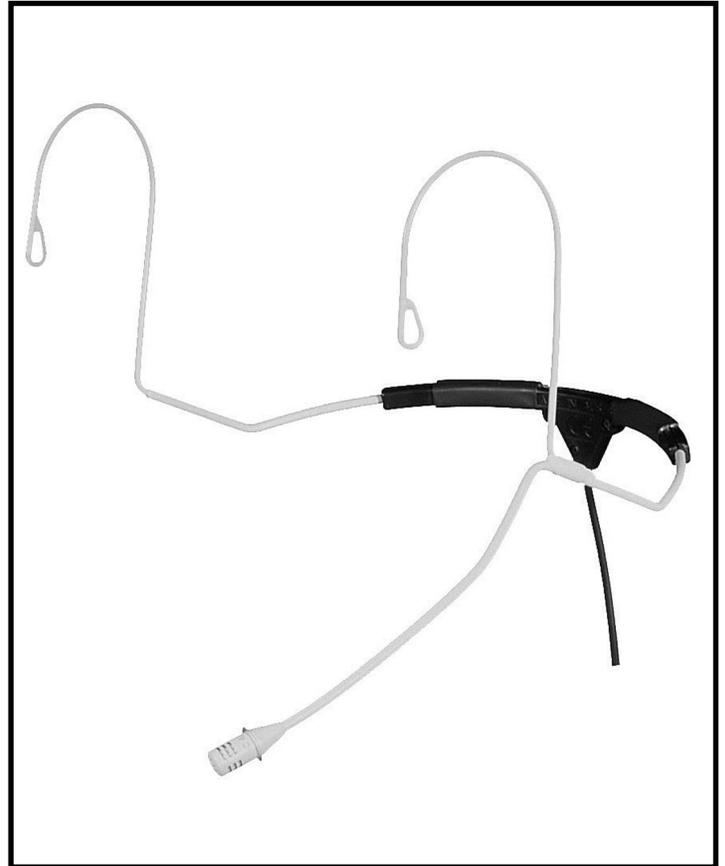
### Specifications

<b>Transducer principle:</b>	Pre-polarized condenser
<b>Frequency Range:</b>	20 - 20,000 Hz
<b>Polar pattern:</b>	Omnidirectional
<b>Sensitivity at 1000 Hz:</b>	8 mV/Pa (-42 dBV)
<b>Maximum SPL:</b>	133 dB
<b>Equivalent noise level:</b>	<26 dB-A
<b>Signal-to-noise ratio:</b>	>68 dB-A
<b>Electrical impedance:</b>	<3.5 kohms
<b>Recommended load impedance:</b>	>10 kohms
<b>Supply voltage:</b>	1.5 VDC to 12 VDC
<b>Current consumption:</b>	<0.6 mA
<b>Cable length:</b>	5 ft. (1.5 meter)
<b>Size (L x W x H):</b>	7.1 x 5.2 x 3.3 in. (180 x 130 x 85 mm)
<b>Standard accessory:</b>	W 77 wind screen

Available in both left and right-boomed versions (microphone comes standard with capsule on left side)

Available with stripped/tinned lead format in black (C 477 WR-OC), beige (C 477 WR-OC/P) and beige with right-side capsule (C 477 WR-OC/P/R)

Available ready to use with AKG WMS 61/80/81 wireless systems terminated in the TA3F "L" connector in black (C 477 WR-L) and in beige (C 477 WR-L/P)



### Features

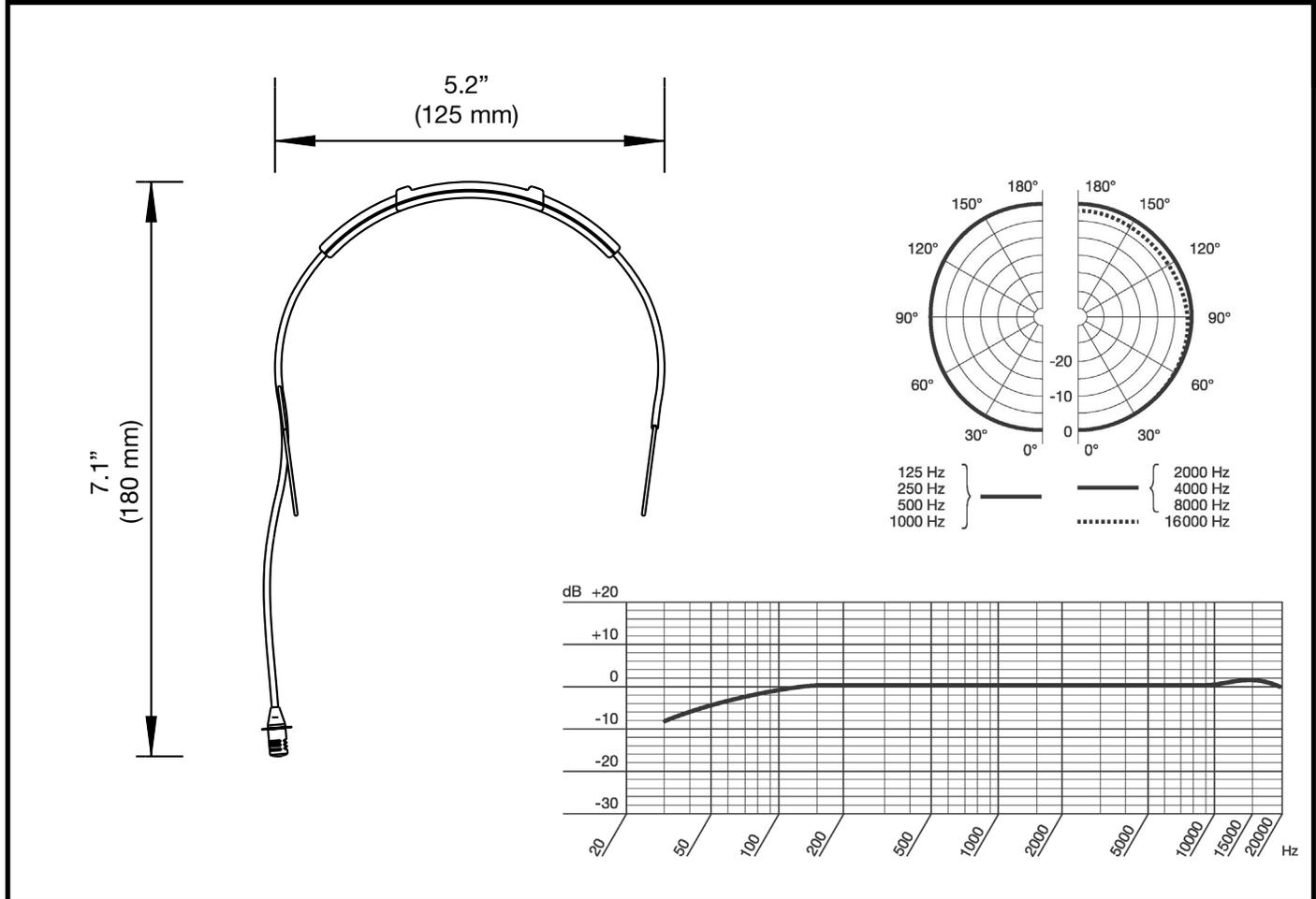
- Available in separate left and right models
- Wide frequency range (20 to 20,000 Hz) for natural vocal quality
- Employs dual diaphragm capsule construction for noise-canceling action
- High gain before feedback in typical theater performance environments
- Water resistant

# Architects and Engineers Specifications

The microphone shall be configured for wearing on the user's head. Both left and right models shall be available, and the microphone capsule distance from the user's mouth shall be adjustable for maximum performance flexibility. The nominal directional pattern shall be omnidirectional, and the microphone's sensitivity shall be no less than 8 mV/Pa (-42 dBV).

The microphone's self noise floor shall be no greater than 26 dB-A, and the microphone shall be able to withstand acoustical levels as high as 133 dB. The microphone shall be available in both black and beige tints. The microphone shall be the AKG Acoustics Model C 477 WR.

## 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.

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DS-C 477 WR