

# HC644 MD

HEAD-WORN MICROPHONE

**AKG**<sup>®</sup>  
by HARMAN



## HIGHLIGHTS ■

### STUDIO-QUALITY SOUND

Flat frequency response for natural sound

### HIGH RF REJECTION

For safe performance even in RF sensitive environment

### HIGHLY MOISTURE-RESISTANT DESIGN

Reliable operation even in extensive use

### UNIFORM POLAR PATTERN

Reduces feedback

### MICRODOT ADAPTER

Available adapters for most wireless systems

## OVERVIEW ■

After many years of experience with AKG's best sold head-worn microphones C544 and C555 it was time to use all the learnt facts and create a new generation. The output of this development is the brand new HC644 MD. It is the perfect tool for presenters in the corporate market but also ideal for sport applications like aerobics. More and more wireless systems in the low to mid price range are based on 2.4 GHz technology causing nasty interference with microphones. The new HC644 MD is well protected against those problems.

The main improvements of the new version are a smaller capsule design with a higher sensitivity, an exceptional RF shielding, a sweat-resistant design and the ability to fit to all major wireless systems on the market.

## APPLICATIONS ■

### PRESENTERS

Perfect tool for all presenters in corporate and education markets

### SPORTS

Ideal for actors, aerobic trainers and similar

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## TECHNICAL SPECIFICATIONS ■

<b>TYPE:</b>	Back-electret condenser
<b>POLAR PATTERN:</b>	Cardioid
<b>SENSITIVITY (1M):</b>	20 mV/Pa (9V/18kOhms)
<b>AUDIO FREQUENCY BANDWIDTH:</b>	100 - 15000 Hz (+/-3dB)
<b>ELECTRICAL IMPEDANCE:</b>	200 ohms
<b>RECOMMENDED LOAD IMPEDANCE:</b>	2000 ohms
<b>EQUIVALENT NOISE LEVEL TO IEC 60268-4:</b>	34 dBA
<b>SIGNAL TO NOISE (1PA):</b>	60 dBA
<b>MAX. SPL FOR 1% THD</b>	135 dB
<b>TEMPERATURE RANGE:</b>	-20°C to +60°C (14°F - 140°F)
<b>OPERATION VOLTAGE:</b>	9V (2V - 10V)
<b>RECOMMENDED SERIAL IMPEDANCE:</b>	18kOhms (2kOhms – 18kOhms)
<b>CURRENT CONSUMPTION:</b>	≤ 500µA RL=2.2Kohms Vs=2.0VDC
<b>CONNECTOR:</b>	2-pin Microdot
<b>LENGTH:</b>	200 mm
<b>WIDTH:</b>	130 mm
<b>HEIGHT:</b>	35 mm
<b>NET WEIGHT:</b>	30 g (including cable)

## ORDER SPECIFICATIONS ■

<b>BOX DIMS:</b>	180x160x60 mm
<b>SHIPPING WEIGHT:</b>	150g
<b>SKU NAME:</b>	HC644MD
<b>SKU NUMBER:</b>	2793H00100
<b>UPC:</b>	885038039044
<b>EAN:</b>	9002761039047

## IN THE BOX ■

HC644MD Microphone  
Quick Start Guide  
Foam Windscreen  
Carrying case  
MDA1 AKG type MiniXLR fitting all AKG wireless systems



## OPTIONAL ACCESSORIES ■

All Microlite adapters fitting most wireless systems on market



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