

# HM-1 Single Ear Head Microphone

## Ultra-Thin, High-Grip Single Ear Microphone



**HM-1**

The Alectro Systems HM-1 is a premium head microphone, providing an extremely natural vocal reproduction, with the most comfortable earpiece on the market. The microphone is provided with three different earpiece sizes. The middle size suits the majority of ear-sizes. The earpiece consists of a flexible material, as well as two soft rubber sections (at the lobe and the top of the earpiece) for extra comfort and a higher grip.

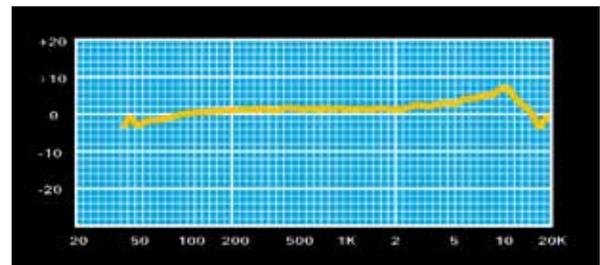
The European-designed microphone capsule is protected by a waterproof enclosure, and provides an even frequency response from 20Hz to 20KHz, as well as a very high maximum sound pressure level of 140dB. The result is a microphone that can handle any type of voice, and reproduce it as naturally as though the person were speaking right next to you.

The HM-1 comes in a zipper leatherette case containing the mic, a cable, the windscreen, and a lavalier style mic clip to secure the cable to ones collar behind their neck. At the time of purchase, the customer is provided with the adaptor that matches their wireless system's connector.

The ability to unscrew the cable or adaptor from the microphone provides an easy and inexpensive way to replace parts that wear and tear over time. Many microphones that are hardwired present an expensive repair cost, with times when they are simply unrepairable. Replaceable parts allow the life span of the microphone to be pushed further than ever before.

### SPECIFICATIONS:

Capsule	Back electret condenser
Polar Pattern	Omni-directional
Frequency Response	20Hz-20KHz
Sensitivity	-45dB +/-3dB
Equivalent Noise (A-Weighted)	25dB SPL
Output Impedence	2Kohm +/-30%
SPL Max	140dB
Operating Voltage	0.9 VDC (optimal), 5 VDC (maximum)
Mic Capsule Dimension	2.5mm diameter



For more information, visit [www.alectrosystems.com](http://www.alectrosystems.com)  
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