



## EMS1

### Description

The Plus Audio EMS1 Earset Microphone System is a robust, single-ear headset microphone designed for comfort and discreet wearability. Featuring a 3.5mm subminiature omnidirectional condenser microphone capsule, it delivers exceptional audio performance across a wide range of applications, from live stage and broadcast to presentations and fitness. The EMS1 is equipped with a firm earhook and rigid boom for a secure fit, ensuring hands-free mobility. It includes adapter cables for Shure and Sennheiser systems, is dust and sweat-resistant with an IP65 rating, and comes with two windscreens, and a protective carry case for added convenience.

### Meta Fields

#### Features :

- **High-Performance Microphone:** 3.5mm subminiature omnidirectional condenser capsule for clear, natural sound across a 20Hz-20kHz frequency range.
- **Secure Fit:** Firm earhook and rigid boom design ensure stability and comfort for hands-free operation in active environments.
- **Versatile Compatibility:** Includes adapter cables for Shure and Sennheiser systems, making it easy to integrate with existing setups.
- **Durable and Resistant:** Dust, sweat, and moisture-resistant with an IP65 rating, ideal for demanding conditions.
- **Complete Accessory Kit:** Comes with two windscreens and a protective carry case for added convenience and protection.

#### Specification :

Element	Back electret condenser
Polar Pattern	Omnidirectional
Frequency Response	20Hz - 20kHz
Sensitivity	-45 dBV/Pa @ 1kHz $\pm$ 3dB
Output Impedance	2k $\Omega$ $\pm$ 30%
Maximum SPL	130dB

Self-Noise	30 dB(A)
Dynamic Range	100dB
Operating Voltage	1.5 – 12V DC
Cable	Ø1.4mm x 1.2m
Weight	0.09 oz / 2.5g
Dimensions	Ø3mm
Included Adapter Cables	Sennheiser and Shure
Accessories	2 windscreens plus a protective carry case