



Gotham[®] Microphones



Datasheet

Type: GMHC88Xxx Cardioid Headset Microphone

Electrical Specifications

| | |
|------------------------------|--|
| Directional Characteristics: | Unidirectional (Cardioid) |
| Element: | Back Electret Condenser |
| Frequency: | 200Hz ~ 18,000Hz |
| Impedance: | 1,500Ω ± 30% (at 1,000 Hz) |
| Sensitivity: | -63dB ± 3dB (For SHURE Wireless) (0dB = 1v/micro bar 1,000 Hz, indicated by open circuit 7 mV/Pa; -43dB re. 1 V/Pa ± 3 dB at 1 kHz |
| Max Input SPL: | 115dB @ 1 kHz |
| S/N Ratio: | above 58dB |
| Operating Voltage: | 1V ~ 10 V D.C. |

Mechanical Specifications

| | |
|-------------|--|
| Dimensions: | ø5.0mm (Mic Head) x 210mm (L) |
| Cable: | ø1.6x1.6m (detachable) |
| Connector: | (For SHURE Wireless), Mini XLR (F) 4Pin |
| Weight: | Microphone = 2g Earhook = 4g Cable = 12g |

Frequency Response Curve / Polar Pattern

