



MH 1a | Microphone
MH 2a | Microphone
ME 1 | Emergency Microphone



The ME 1 is an emergency handheld type unidirectional dynamic microphone which is activated by a press to talk switch. The microphone unit provides a trigger to the receiving equipment with priority functions. The MH Series handheld microphone consist of MH 1a with a cardioid polar pattern for general use and MH 2a (Supercardioid) for

better noise rejection and wide bandwidth for professional applications. Both models feature excellent handling noise with its advanced shock-mount system and robust die-casted zinc alloy body with a hardened ball mesh to protect its capsule. Performance is further improved with its noise-free slide switch for unobtrusive operation.

- MH 1a: Cardioid dynamic microphone for general use; MH 2a: Supercardioid for professional noise rejection.
- ME 1: Emergency unidirectional dynamic microphone with press-to-talk and priority functions.
- MH 1a: 45Hz–16kHz; MH 2a: 50Hz–16kHz; ME 1: 300Hz–8kHz frequency response.
- MH 1a: 250Ω output impedance; MH 2a/ME 1: 600Ω unbalanced output impedance at 1kHz.
- MH 1a: 2.0mVPA ±3dB; MH 2a/ME 1: -72dB ±3dB output level at 1kHz.
- MH 1a/MH 2a: Neodymium magnets; ME 1: Ferrite magnet for robust emergency operation.
- MH 1a: Dynamic moving coil capsule; MH 2a: 29mm; ME 1: 24mm dynamic moving coil.
- MH 1a: 4.5m XLR(F) to audio jack cable; MH 2a: 5m XLR(F) to 1/4" phone jack cable.
- ME 1: Coiled cable with 1.4m maximum extended length for emergency deployment.
- MH 1a/MH 2a: Die-casted zinc alloy, metallic quartz grey/silver; ME 1: ABS, matte black & grey.
- MH 1a: Lockable slide switch; MH 2a: Pop-free slide switch; ME 1: Push-to-talk switch.



MH 1a

MH 2a



ME 1



Technical Specification

	MH 1a	MH 2a	ME 1
Type	Dynamic microphone	Dynamic microphone	Dynamic microphone
Polar Pattern	Cardioid	Unidirectional, Super Cardioid	Unidirectional
Frequency Response	45 Hz ~ 16 kHz	50 Hz ~ 16 kHz	300 Hz ~ 8 kHz
Output Impedance	250 Ω (at 1 kHz)	600 Ω unbalanced (at 1 kHz)	600 Ω unbalanced (at 1 kHz)
Output Level	2.0mVPA +/- 3 dB (at 1 kHz)	-72 dB +/- 3 dB (at 1 kHz)	-72 dB +/- 3 dB (at 1 kHz)
Magnet Type	Neodymium	Neodymium	Ferrite
Capsule Type	Dynamic Moving Coil	29 mm Dynamic Moving Coil	24 mm Dynamic Moving Coil
Cable	4.5 m Microphone Cable (3-Pin XLR(F) to Audio Jack)	5 m Microphone Cable (3 pin XLR (F) to 1/4" mono Phone Jack)	Coiled cable, 3 core & 1 screen x 1.4 m (at a max extended length)
Switch	Slide switch (lockable)	Slide switch (Pop-Free)	Push-to-talk switch
Material & Finish	Diecasted zinc alloy with steel mesh. metallic quartz grey/silver	Diecasted zinc alloy with steel mesh. metallic quartz grey/silver	ABS. matt black & grey
Dimensions	Dia. 53 x 188 mm	Dia. 53 x 180 mm	58 x 80 x 28 mm (W x H x D)
Weight	0.27 kg	0.29 kg	0.21 kg