

CM1

CONTROL MICROPHONE

The CM-1 is a hand-held microphone and an ergonomic remote controller.



The CM-1 is a hand-held microphone providing an ergonomic remote control:

- ▶ Output level control. Including level presets accessed with a single button press.
- ▶ Messages/Tones playback.
- ▶ System and battery status.
- ▶ Event log file.

The CM-1 Control Microphone is equipped with a high quality noise-cancelling capsule which combines with a powerful DSP based feedback suppressor to increase the feedback threshold by more than 10dB.

This is a massive benefit in extreme reverberant acoustic environments.

The integrated memory card stores hours of pre-recorded messages or tones (WAV files). These can either be downloaded from a computer or recorded live on the microphone.

The CM-1 is delivered with 2 x metres rugged, flexible cable. An optional cable allows an extended distance up to 100 x metres using the systems' advanced electronic drivers.

Main characteristics

- ▶ Water-proofed : IP66.
- ▶ Pre-recorded messages and playback.
- ▶ Output level control.
- ▶ Store and forward.
- ▶ Battery status indication.
- ▶ LED display light dimming (compatible with night vision devices).
- ▶ Download of .wav files + logs through USB connexion.

Technical Specifications

Audio

Sensitivity	- 55 dB.
Frequency response	250 Hz to 10,000 Hz.
Audio output	0 dB.
Audio connector type	Fischer military grade (0 dB audio + data+ PWS from PHD).

Power requirement

Power supply (powered from PHD)	10 VDC to 60 VDC.
Power consumption	1.2 W.

Housing

Dimensions	75 mm (W), 39 mm (H), 184 mm (D).
Weight	~350 g.
Materials	Polypropylene.
Colour	Black.

Environmental

Operation temperature range	-20 to +55°C.
Dust and water ingress protection	IP66.

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