

# 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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