

CM2

CONTROL MICROPHONE WITH EXTENDED FUNCTIONALITY

CM2 is a remote control and input device for STENTOR acoustic hailing systems. It combines microphone, preamplifier, function selector, DSP signal treatment, alarm signal generator, level control and STENTOR system interface in a compact ergonomic unit.

CM2 can remotely activate any STENTOR acoustic hailing system and provide the necessary input signals to make it fully operational.

The onboard digital signal processing optimises system performance and allows tuning of the audio signal to suit individual requirements. The fully programmable alarm tone generator can provide country or application dependant signals.

CM2 can be adapted to suit specific needs due to its flexible and programmable electronics.

Key Features:

- ▶ Noise cancelling , waterproof acoustic cartridge
- ▶ Integrated DSP for signal treatment and alarm tone generation
- ▶ Unique intuitive delayed speech function completely eliminates acoustic feedback
- ▶ Programmable alarm tone generator adaptable to any specific requirement
- ▶ Record function to capture and play up to 120s long message
- ▶ Loop function to indefinitely playback recorded message
- ▶ Complete control of any STENTOR hailing device
- ▶ Professional military grade 38999 connector
- ▶ Rugged extendable cable
- ▶ Compatible with STENTOR's unique keyhole mounting system
- ▶ Ergonomical design with both left- and righthandside PTT

Included with CM2:

- ▶ Instruction manual



Specifications

Audio

Sensitivity	- 55 dB for nominal output (odB=1V/P)
Frequency response	100Hz to 10,000 Hz (-3dB) DSP settings dependant
Audio output	Balanced 1Vrms nominal / 200Ω
Audio recorder	120s max message length Playback with loop function
Audio connector type	Fixed heavy duty spiralled cable with 38999 military grade connector

Power requirement

Power supply (powered through connected device)	5 VDC to 60 VDC.
Power consumption	1.2 W when active <15mW standby

Hardware

Dimensions	64 mm (W), 42 mm (H), 150 mm (D).
Weight	~420 g including heavy duty cord and 38999 connector
Housing material	Polypropylene
Colour	Matte black with grey front inlay
Cable	Heavy duty Polyurethane spiralled 60cm nominal length - 2m max

Environmental

Operation temperature range	-33 to +55 °C
Storage temperature:	-40 to +70 °C
Dust and water ingress protection	IP66

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STENTOR® reserves the right to change specifications without prior notice.

CM2 SPECREVA