

GSMD- HELMET-RDU

REMOTE VISUAL/ACOUSTIC SLIM LINE SIGNALLING DEVICE

Main Features

- Lightweight, slim line design
- Plugs directly to the GSMD Headphone Connector
- MIL-D1 and CMD compatible
- No removal needed when Detector is folded
- No Battery required
- No maintenance required
- Low Power Consumption
- Embedded 32-bit microcomputer

General Description

The GSMD-HELMET-RDU is a very compact signalling device designed to operate in conjunction with CEIA Ground Search Metal Detectors.

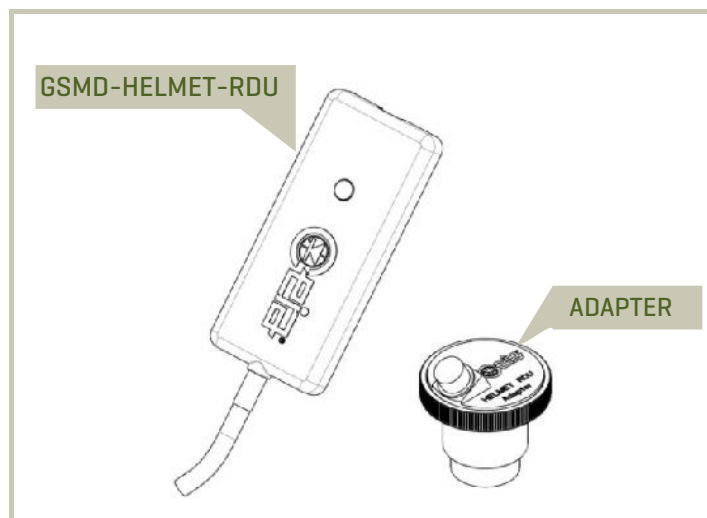
The device allows to remote the visual and acoustic status / alarm signals inside the helmet of the EOD operator.

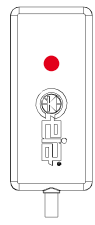
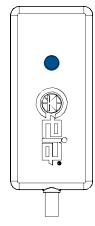
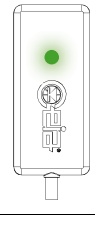
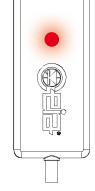
LED Intensity Adjustment

The LED intensity can be adjusted rotating the volume metal detector knob located on the control unit to the minimum (anti- clockwise) and then, within a second, turning the same knob to a position correspondent to a suitable led light level. The Led intensity comes to the default level anytime the RDU is disconnected.

Signalisation

- Optical multi-colour
- Acoustic continuous
- Acoustic pulsed



LED SIGNALING		
RED		DETECTION OF METAL MASS
BLUE		DETECTION OF NON-METALLIC CONDUCTIVE IED
FLASHING GREEN 2 flashes every 3 seconds		LOW BATTERIES
FLASHING RED 5 Hz		FLAT BATTERIES
FLASHING RED 1 Hz		SOIL COMPENSATION ABORTED
FLASHING RED 5 Hz		FAULT: CHECK THE GSMD



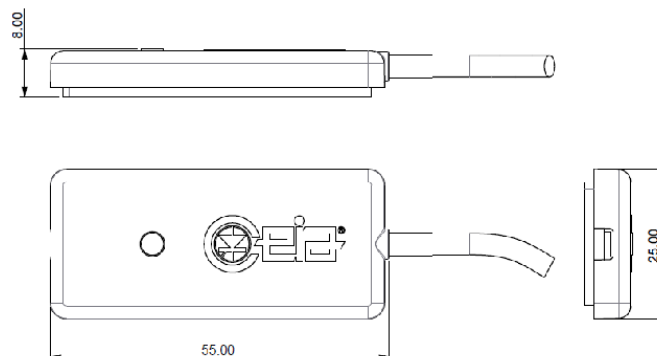
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Technical Specifications

Operating Temperature	-46°C to 70°C [-51°F to 158°F]
Storage Temperature	-55°C to 85°C [-67°F to 185°F]
MTBF	20,000 hours @ 20°C [68°F]
Power Consumption	GSMD Off: 20 mA
	GSMD On: 20.5 mA
	GSMD in alarm: 22 mA
Cable length	180 cm [6 ft]
Quick release connector	to adapter
Dimensions	55 mm x 25 mm x 8 mm [2.2" x 1" x 0.3"]
	with cable: 50 g [0.11 lbs] w/o cable: 15 g [0.03 lbs] adapter: 25 g [0.06 lbs]
Weight	
Protection Degree [according to IEC 529]	IP44
Ordering code	GSMD-HELMET-RDU

Mechanical Dimensions (mm)



PART LIST	
1	GSMD-HELMET-RDU
2	Connecting Cable
3	Adapter
4	Quick release connector
5	Technical Sheet



GSMD-HELMET-RDU SET

