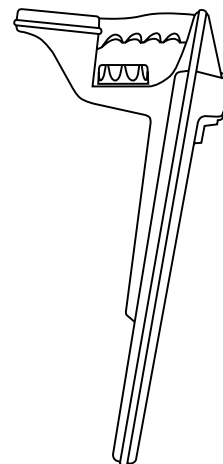


RD432PDL Precision Locator

Technical Specification

Description:	RD432PDL Precision buried cable and pipe locator.
Part No:	10/RD432PDL
Physical:	
Construction	High impact thermoplastic weatherproof to NEMA 3R and IP54.
Ruggedness	Withstands 1 m (3 ft) drops onto concrete.
Dimensions	60.5 x 29 x 13.5 cm (24 x 11.5 x 5.3 in).
Shipping Box Size	63.5 x 35.5 x 14.6 cm (25 x 14 x 5.5 in).
Weight	2.2kg (4.8 lb).
Shipping Weight	3.6 kg (7.9 lb).



Operating Modes:

Mode	Frequency	Sensitivity @ 1 m	Locating Depth Guide (m/yds)	
			Good Conditions	Poor Conditions
Power	30 Hz–500 Hz	20 mA	3	2
Radio	14–26 kHz	30 μ A	2	1
CD	640 or 320 Hz	250 μ A	5	2
8	8.192 kHz	100 μ A	5	2
Lf	512 or 640 Hz	250 μ A	5	2

Locate Accuracy:	$\pm 5\%$ of depth.
Current Accuracy:	$\pm 5\%$ of actual current.
Depth Accuracy:	$\pm 5\%$ of depth on undistorted signal with no adjacent signals.
Depth Range	Line – 3 m (10 ft) $\pm 5\%$.
	Sonde – 8 m (26.2 ft) $\pm 5\%$ dependant on sonde.

Visual Indication:	Two section Liquid Crystal Display indicating the following:		
Signal Strength (%)	Line Depth	Sonde Depth	
Induced Current	Current Direction	Gain Level	
Operating Mode	Line/Sonde Mode	Peak/Null Mode	
Battery Status	Speaker Volume	Backlight On	

Audio Indication:	Audio signal output through waterproof loudspeaker. Use of optional headphones disables loudspeaker output.
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Search Antennas:	2 x dual wound symmetrical response for Peak operation. 1 x vertical antenna for Null operation.
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Gain Control:	Rotary touch gain control
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Radiodetection

Batteries: 12 x LR6 (AA) 1.5 V alkaline. 30 hours life, nominal @ 20 °C (68 °F) intermittent use.

Operating

Temperature Range: -15°C to +50°C (+5°F to +122°F).

Miscellaneous:

Options Stethoscope, Antenna Clamp, Extended Range Antenna, Submersible Antenna, Sondes, Rechargeable Batteries.

Compatibility Recommended Radiodetection Transmitters: RD400LCTx, RD400HPTx, RD433HCTx, RD433HCTx-2.

Quality Control BS5750/ISO 9001/EN29001.

EMC  Complies with European EMC Directive 89/336/EEC.

Warranty 12 months.

