

# 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.

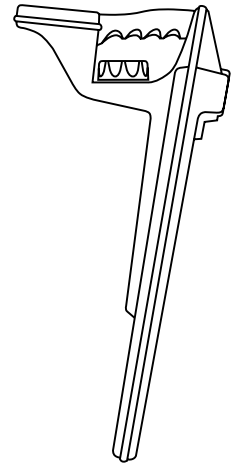
**Ruggedness** Withstands 1 m (3 ft) drops onto concrete.

**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 $\mu$ A	2	1
CD	640 or 320 Hz	250 $\mu$ A	5	2
8	8.192 kHz	100 $\mu$ A	5	2
Lf	512 or 640 Hz	250 $\mu$ 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.

**Search Antennas:** 2 x dual wound symmetrical response for Peak operation.  
1 x vertical antenna for Null operation.

**Gain Control:** Rotary touch gain control



**Radiodetection**

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**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.

