

RD312 Metal Cover Locator

The RD312 locator sets a new standard of simplicity and reliability for finding valve box covers, vault covers, fuel tanks, reinforced rods in concrete (rebar) and manhole covers, buried under road surfaces, gravel, grass or snow.

The RD312 metal cover locator reduces time wasted looking for lost or buried covers and is the right choice for speeding up site work and achieving fast payback.

The RD312 automatically adjusts its sensitivity to suit its local operating environment. It can be used near metal fences and even under parked cars, with no loss of accuracy.



Features

- Easy two button operation, ON/RESET and OFF.
- Automatic sensitivity adjustment for peak performance.
- Telescopic design allows user adjustment for comfort and easy storage.
- Variable audio tone indicates presence of buried object.
- Adjustable search head angle.
- Waterproof search head allows use in shallow water.
- Lightweight and easy to operate.
- Ignores small items such as coins and cans.
- No interference from passing vehicles.

Performance

The RD312 locator will find the following types of buried metal covers:

Cast iron		Cast iron services		Plastic valve box (with metal plate)		Galvanised steel manhole	
Diameter	Depth	Diameter	Depth	Diameter	Depth	Diameter	Depth
4" (10cm)	12" (30cm)	17" x 12" (43cm x 30cm)	24" (61cm)	4" (10cm)	8" (20cm)	25" x 19" (63cm x 48cm)	30" (76cm)
		25" x 19" (63cm x 48cm)	30" (76cm)	6" (15cm)	16" (41cm)		



Product Specifications	
Product:	Precision Metal Cover Locator
Part Number:	10/RD312-XX (XX=GB, SW, DK, NL, D, F, CZ, I, E, USA)
Weight:	2.2lbs/1kg
Weight (shipping):	4.4lbs/2kg
Dimensions:	28" x 10" x 4" (78 cm x 25 cm x 10 cm)
Dimensions (ship):	31" x 10.2" x 5.5" (79 cm x 26 cm x 14 cm)
Construction:	Head/Housing – high impact ABS mid-black plastic for mechanical strength. Stem – 22 mm aluminum tube. Weatherproof to NEMA 3R and IP54. Withstands 3ft. (1m) drop onto concrete.
Operating Modes:	Green button – ON/sensitivity/reset; Red button – OFF.
Detection Range:	Absolute limits of location range cannot be accurately specified. As a guide the RD312 will detect buried metal covers to the following depths: Manhole cover – size 25" (53 cm); depth 30" (76 cm). Valve box – size 6" (15 cm); depth 16" (41 cm). Plastic valve box (locatable) – size 4" (10 cm); depth 8" (20 cm).
Operating Temp Range:	5°F to + 122°F (-15°C to +50°C)
Audio Indication:	Varying pitch tone from loudspeaker. Highest pitch indicates maximum response over target. The use of optional headphones disables the weatherproof loudspeaker. Audio battery "OK" indication.
Gain Control:	Maximum at switch on, can be reduced by the operator. Auto Gain Reset feature.
Batteries:	1 x 6LR61 9V Alkaline. 30 hours life, nominal at 68°F (20°C) continuous use. Rechargeable option (information available).
Miscellaneous:	Options – Summer Headphones, Winter Headphones, Padded Nylon Carry Bag. Quality Control – ISO 9001. EMC – CE complies with European EMC Directive 2014/30/EU. Warranty – 12 months. RD312 uses a 20kHz oscillator. Actual transmit frequency is 28.7kHz.

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