



RD312 Metallic Cover Locator

The RD312 locator sets a new standard of simplicity and dependability for finding valve box covers, vault covers and manhole covers lost under blacktop, concrete or grass verges.

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

The RD312 automatically adjusts its sensitivity to suit its present 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
- Advanced electronics makes location less time consuming
- Variable audio tone indicates presence of buried object
- Angle and height of search head fully adjustable
- Waterproof search head allows use in shallow water
- Light and unique folding design for easy storage

Performance

The RD312 metal locator finds metal covers at depths down to:

- 10 cm (4 in) cast iron cover 30 cm (12 in).
- 15 cm (6 in) cast iron cover 41 cm (16 in).
- 10 cm (4 in) plastic cover with metal plate 20cm (8 in).
- Cast iron cover 43 cm (17 in) x 30 cm (12 in) 61 cm (24 in).
- Galvanised steel cover 63cm (25in) x 48cm (19in) 6cm (30 in).
- Cast iron cover 63 cm (25 in) x 48 cm (19 in) 76 cm (30 in).
- Reduced locating range very close to metal features such as metal fences or parked vehicles.
- Ignores buried metal trash.
- No interference from passing vehicles.

By Choosing Radiodetection you have the confidence in knowing that the products are backed by a package of customer service and expertise renowned throughout the world.

Our web page has further information on our products and customer services. Find us at www.radiodetection.com or your local sales office.



Technical Specification

Description Precision Metal Cover Locator
Part No 10/RD312

Physical

Construction Head/Housing: High Impact ABS mid grey plastic for mechanical strength.
Stem: 22mm aluminium tube.
Ruggedness Withstands 1m (3ft) drops onto concrete.
Dimensions 78 x 25 x 10cm (28 x 10 x 4 in)
Shipping Box Size 79 x 26 x 14cm (31 x 10.2 x 5.5 in)
Weight 1 kg (2.2lb)
Shipping Weight 2 kg (4.4lb)

Operating Modes

Description	Mode
Green button	'On'/sensitivity/reset
Red button	'Off'



Locate Range Absolute limits of location range cannot be accurately specified. As a guide the RD312 will detect buried metal covers to the following depths

Description	Size	Depth
Manhole Cover	63cm (25in)	To 76 cm (30in)
Valve box	15cm (6 in)	To 41 cm (16in)
Plastic valve box (locatable)	10cm (4 in)	To 20 cm (8in)

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 @ 20°C (68°F) continuous use.

Operating Temperature Range -15°C to +50°C (68°F) (68°F)

Miscellaneous

Options Summer Headphones, Winter Headphones, Carry Bag.

Quality Control BS5750/ISO 9001/EN29001.

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

Warranty 12 months.

Radiodetection products are under continuous development are subject to change without notice.



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