

RD550 Water Pipe Locator

Water pipe location made easy

Features

- Suitable for all pipe materials such as PVC, PE, AZ, cast iron, steel etc.
- Zero electromagnetic disturbance.
- Extremely high memory capacity for more than 240,000 measurements.
- Low energy requirements.
- Extended lifetime.



General Information

The RD550 water pipe locating system consists of a handheld receiver and a transmitter that is mounted on a water pipe or hydrant. This system allows location of non-metal pipes running up to 2 meters below the surface. Technical effort can be kept low, and the pipe section does not need to be shut down during the location process. The particular pipe section requires a minimum pressure of 2 bar, and handling the system is very simple. No special skills required.



Radiodetection
AN SPX COMPANY

RD550 Water Pipe Locator

Range of Applications

The waves generated by the device travel best on an even ground structure and ground surface. Under good conditions, distances of between 50 meters and 600 meters can be covered.

The RD550 system can help to draft, amend, or check water network plans, and it can be used both inside and outside residential areas. Also unmapped pipes can be located quickly and reliably with this system.

Locator Functions

The locator records the strongest waves on the pipe through a ground microphone and displays the intensity acoustically and visually.

Transmitter Functions

The transmitter is attached to a water pipeline. The valve then opens and closes approximately 60 times per minute due to the water pressure and the flow. This relief-pressure alternation process generates pulse waves that travel on the pipe as one-dimensional longitudinal compression waves. These waves are then measured with the locator on the surface.

Specifications

Minimum pressure requirements:	2 bar.
Power supply:	Internal rechargeable battery in case.
Operating time:	12 hours.
Weight:	4.2kG.
Connection:	1-inch coupling.
Pulse frequency:	60 pulses per minute.

Kit includes

- Pulse generator.
- Carry case.
- Charging unit.
- Connection cable.
- Headphones.



To see the full range of products and services provided by Radiodetection visit:
www.radiodetection.com

Radiodetection Ltd. Western Drive, Bristol BS14 0AF, UK
Tel: +44 (0) 117 976 7776 Fax: +44 (0) 117 976 7775 Email: sales.uk@spx.com

Radiodetection products are under continuous development and are subject to change, we reserve the right to alter or amend any published specification without notice. Copyright 2008 Radiodetection Limited. All rights reserved. Radiodetection Ltd. is a subsidiary of SPX.



Radiodetection
AN SPX COMPANY