RADIODETECTION®

SPX®

Locating and marking buried utilities quickly, accurately and safely

The new **RD7200** is a no compromise all-industry locator, designed for accurate and effective every day use.

RD7200®

SOLUTIONS FOR A CONNECTED WORLD

RD7200

Precise, effective locating and tracing

Speed, accuracy and reliable performance

- Easy to setup and use
- Sun light readable display, high performance audio system and vibration alerts for noisy environments
- Sensitive and accurate signal processing for reliable results

Multi-function multi-industry accurate locating

- Compass Orientation
- Power filters
- Utility specific frequencies

Protecting technicians and infrastructures

- Encourage correct locator handling for improved detection
- Strike*Alert*, warns of the presence of shallow cables
- Vibration handle, never miss a warning

Ergonomic design, premium quality

- Rugged yet light weight and ergonomic
- Designed and built to the highest standards in Great Britain
- Self Test for confidence and trust in your locator measurements

Speed, accuracy and reliable performance

Easy to deploy and use – provides fast, precise and repeatable measurements

Industrial grade display, for outdoor usage

RD7200 locators and transmitters use transflective low power LCD technology that uses ambient light to improve screen readability in direct sun light and extend battery life.

TruDepth™ and current readout, for extra assurance

Radiodetection's TruDepth displays precise depth and current measurements, only when the RD7200 is correctly oriented above the target. Measurement consistency gives high confidence that the correct line is being followed.

High performance audio and vibration alerts, for noisy environments

The RD7200 waterproof speaker housing has been tuned to provide optimum resonance for your choice of high or low frequency tones.

5 power output audio levels and vibration alerts, assist technicians working in challenging situations.

Peak+ Mode, for speed and accuracy

Peak+ adds the benefits of Guidance or Null locating to the accuracy of Peak mode.

- Guidance gets you to the Peak position faster.
- Null lets you check for the distortion caused by other utilities, spurs or interference.

Class leading sensitivity, for difficult locates

State of the art Digital Signal Processing technology lets technicians detect and react to the weak signals associated with difficult to locate or deep utilities.

Multi-function multi-industry locating

The RD7200 – accurate locating across multiple industries

Making locating easy

Advanced features such as Compass, TruDepth™ and a broad range of locating frequencies make the RD7200 the perfect choice for all industries.

Construction

Accurate and simple to use, the RD7200 comes with eight active and three passive frequencies that cover the majority of site locating tasks. A rugged, IP65 rated casing along with a high contrast screen make it suitable for use in all weather conditions.

Power

In complex power environments, with multiple signals from high voltage equipment and cables, Radiodetection's Dynamic Overload Protection reduces the effect of interference and Power Filters can be used to trace a single target line amongst multiple cables.

Water and Pipeline

A wide choice of active frequencies allow conductive pipes to be traced for long distances.

Where sondes or cameras are used to survey pipes made from a variety of materials (including cast iron, clay, fiber, concrete and brick) the four RD7200 sonde frequencies are ideal for quickly locating and tracing their position.

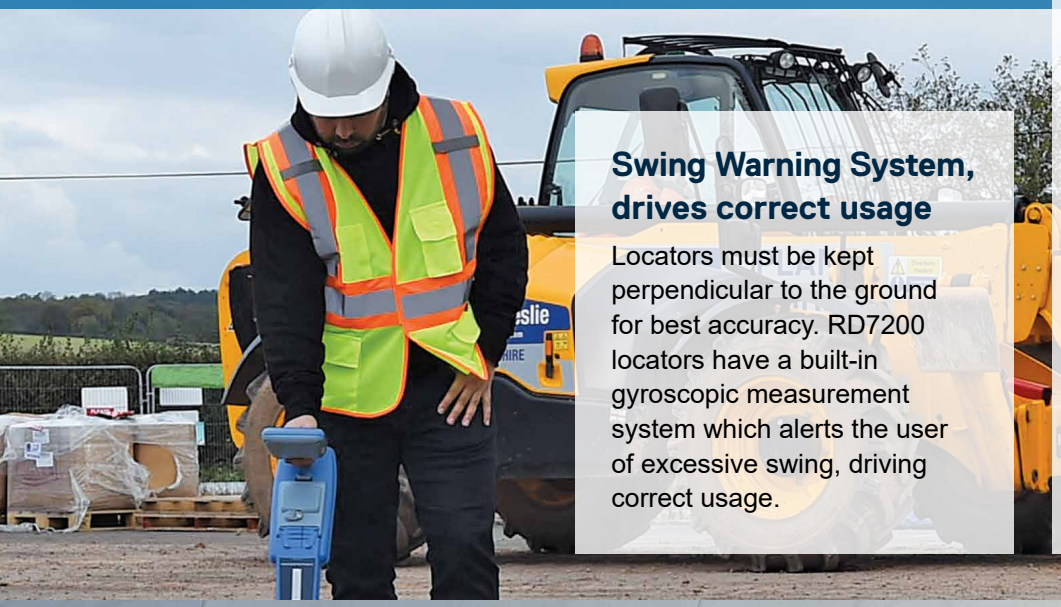
Pipes with Cathodic Protection System can be followed using the CPS passive mode. CPS compass mode ensures alignment with the target pipeline.

Telecom

The RD7200 features higher frequencies to locate high impedance lines and sonde frequencies for duct and conduit tracing. Higher frequencies can also be used to trace sheathed domestic cables without grounding connections.

Cable sheath faults can be located to within 4" (10cm) using 8kHz Fault Find mode with a Radiodetection A-Frame.

Protecting technicians and infrastructures



Swing Warning System, drives correct usage

Locators must be kept perpendicular to the ground for best accuracy. RD7200 locators have a built-in gyroscopic measurement system which alerts the user of excessive swing, driving correct usage.

Strike*Alert*™ in active and passive locating modes

Visual and audio warnings of shallow cables reduce the risk of accidents.

Vibration feedback, reduce the chance of missed warnings

The RD7200 handle vibrates when alerts activate, leaving the operator to concentrate on the job at hand.

Ergonomic design, premium quality

Use it all day, day after day – light weight and ergonomic

The RD7200 has been designed around the operator's needs. The iconic industrial design provides an exceptionally well balanced, and light weight tool which is comfortable for extended periods of use.

Self-test – operator confidence on-site

The integrity of the measurement system can be confirmed on- site. Self-test applies signals to the locating circuitry as well as checking display and power functions.

Made in the UK – No compromise on quality

The RD7200 locator and transmitters are designed and manufactured in Great Britain and are subjected to a rigorous test regime before leaving our factory.

Extended warranty and local support

Backed by an industry leading 3 year warranty on registration. Our global sales and service network delivers comprehensive, localized technical support and training tailored to your needs

Knowledge base and technical support, when you need it

RD7200 offers a comprehensive knowledge base library which is available to consult online from a mobile device or pc

Find an answer to or ask technical questions 24/7 by using Radiodetection's support portal.

High contrast screen provides clarity even in bright sunlight

Speaker and audio feedback
User facing speaker orientation, 5 levels of sound, choice of tone frequency. Designed to be heard in noisy environments

Utility Optimized Frequencies
Wide choice of utility specific locating frequencies

Guidance Mode
Rapidly trace the path of a target utility using proportional arrows and a directional indicator

Swing warning system
Alerts the operator of excessive swing

Match your transmitter to your locator model to simplify setup and use

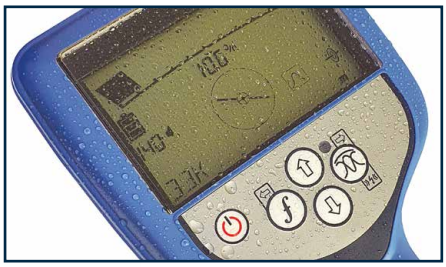
Locate over longer distances
90V signal output and automatic impedance matching

Accessory base tray

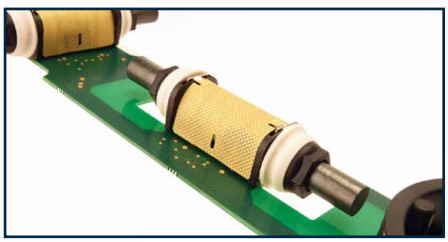
Vibrating handle
Provides vibration alerts, leaving the operators to concentrate on their tasks

Light weight and ergonomic design for comfortable use

High visibility reflective design helps protect operators and equipment



Built for on-site use – IP65
Shock resistant, ingress protected casing protects against knocks, drops, water and dust



Precision by design
A unique arrangement of five custom manufactured, precision ground antennas deliver locate accuracy and repeatability

3 YEAR WARRANTY ON REGISTRATION AND A GLOBAL SERVICE NETWORK PROVIDE PEACE OF MIND

Li-Ion battery pack
Lithium-Ion rechargeable battery pack options for both locator and transmitter provide extended runtime with reduced running costs.

Sonde mode
Locate non-conductive pipes or cable ducts and conduits at depths of up to 50' (15m).

A locator for all industries
8 active and 4 sonde frequencies, 3 passive modes, power filters and other advanced features to provide efficient accuracy for locating and tracing burried utilities.

Extend your capabilities

Add accessories to optimize the RD7200 system to your specific needs

From locating telephone cables in a bundle to underwater power cables, Radiodetection's accessory range can extends the capabilities of your RD7200 locator and transmitters

Visit **www.radiodetection.com/accessories** for more information

Ordering information

RD7200 locator	
Active Frequencies	8
Sonde Frequencies	4
Passive Modes	3
Power Filters	✔
Compass in active modes	✔
Compass in passive modes	CPS, Power Filters
Depth in Power	✔
CALSafe™	■
Fault Find	✔
Lithium-Ion Battery	●
3 year warranty on registration*	✔

Transmitters	Tx-10	Tx-5
Max. Output Power	10W	5W
Active Frequencies	16	16
Induction frequencies	8	8
Induction field strength	1	0.85
Eco Mode	■	■
Lithium-Ion Battery	●	●
3 year warranty on registration*	✔	✔

*Locators and transmitters only. Does not include battery packs and accessories.
Other features described are standard on the RD7200 Locators and Tx transmitters unless otherwise noted.
✔ Available, enabled by default ● Option ■ Available, disabled by default.
Download the full Product Specifications at **www.radiodetection.com/RD7200**

RADIODETECTION

SPX

Our Mission

Provide best in class equipment and solutions, to prevent damage to critical infrastructure, manage assets and protect lives.

Our Vision

To be the world's leader in the management of critical infrastructure and utilities.

Our locations

USA

Raymond, ME
Kearneysville, WV

Canada

Vaughan, ON
Mississauga, ON

Europe

United Kingdom **HQ**
France
Germany
The Netherlands

Asia Pacific

India
China
Hong Kong
Indonesia
Australia

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Scan to see a full list of our office locations

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Cable Locators & Survey