



# PRECISION LOCATOR

## Radiodetection RD8200 & TX5 / TX10

### Water Solutions

RD8200® precision locator solves the biggest challenges facing utilities; the problems of damage prevention and operational efficiency. Designed with the operator in mind, it is the most advanced and capable Radiodetection precision locator available.

The RD8200 range of locators and transmitters simplify the task of distinguishing and tracing utilities in congested networks, near substations or high voltage lines. The range offers many features designed to drive correct usage, reduce utility damage, improve safety, and enhance reputation. The RD8200 is a light yet rugged tool ready to operate in most difficult conditions, day after day. The RD8200 system is a feature rich locating solution, designed to extend and future proof your field capabilities.



Integrated GPS and usage-logging options automatically generate data for customer reports, or in-house quality and safety audits to promote best working practices. The RD Map app for Android is a real time map and share tool that creates maps of buried utilities, while the RD Manager PC program provides a suite of useful tools to the user such as installing the latest software for their locator, remotely certifying their locators' calibration using eCert™ and registering their products for an additional 2-years warranty for free.

#### Locator Features

- Detect all commonly used RF utilities markers with automatic depth estimation
- RD Map cell-phone app for the real time\* creation of detailed buried utility maps
- Combined mode to scan simultaneously for cables, pipes and RF markers
- Current Direction to help identify the target amongst a number of parallel utilities by applying a specialized CD signal
- Simultaneous depth and current readings, enabling faster surveys
- Bluetooth connectivity as standard to interface to external devices and GIS systems
- Integrated GPS option provides an easy interface to mapping databases and survey validation
- Power Filters can pinpoint and discriminate between multiple power cables by exploiting their harmonic properties
- Integral logging system records significant locate parameters every second (including positional data for GPS models) storing up to 1 year of typical usage data
- USB connectivity to quickly retrieve internal logs or to perform setup, validate or upgrade operations using the RD Manager™ PC software

*Note: Some features are model dependant*



**CONTACT OUR TEAM TODAY TO DISCUSS YOUR REQUIREMENTS**  
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Product Specification		
Locator Features	RD8200	RD8200G
Locate Frequencies	21	21
Passive Modes	5	5
Sonde Frequencies	4	4
Built in GPS	No	Yes
Power Filters™ (Power Cable discrimination)	Yes	Yes
User Activity data logging	No	Yes
Survey measurements	Yes	Yes
CALSafe™		
4kHz	4k+CD	4k+CD
Current Direction™ (find target amongst multiple cables)	Yes	Yes
Fault Find	Yes	Yes
Depth in Power	Yes	Yes
Passive avoidance	Yes	Yes
iLOC™ (Rx control of transmitter)	Yes	Yes
Dual Bluetooth connectivity	Yes	Yes
Lithium-Ion Battery	Optional	Optional
3-Year Warranty Available	Yes	Yes

### Locator Features

- Detect all commonly used RF utilities markers with automatic depth estimation
- Three power versions: 1 Watt, 5 Watt and 10 Watt
- 8kHz Fault Find – locates faults from short circuit up to 2MΩ
- Current Direction Fault Find – for long distance fault finding
- Multiple CD paired frequencies (number is model dependent)
- Current delivered at 30V, or 90V for more locate signal on high impedance lines
- 256Hz to 200kHz active frequency range
- Selectable modes support specific model locator frequency ranges (Tx-10B required for PTLM models)
- 8 induction frequencies
- iLOC (Tx-5B and Tx-10B)
- SideStepauto
- Multimeter function
- Accessory tray (for ground stake, direct connect leads and earth reel)

Transmitter Features	Tx-5B	Tx-10	Tx-10B
Max Output Power	5W	10W	10W
Active Frequencies	16	16	36
Induction Frequencies	8	8	8
Current Direction Frequencies	-	6	14
iLOC Remote Control	-	-	Yes
Fault Find	Yes	Yes	Yes
Relative Induction Field Strength	50Hz – 33kHz	3m	-
Eco Mode	/	/	/
Lithium-Ion Battery	Optional	Optional	Optional
3-Year Warranty Available	Yes	Yes	Yes

/ - Available, disabled by default - Not Available