

## RD7100® and RD8100® Precision Cable, Pipe & RF Marker, and Cable & Pipe Locators

### Locate, Track and Map buried assets

As utility infrastructures become more and more complex, the RD7100 and RD8100 ranges offer locate professionals as well as occasional users the tools that simplify the task of tracing and distinguishing between different utilities

### Key features<sup>▲</sup>

- Detect all commonly used RF utility markers with automatic depth estimation for faster, accurate surveys
- **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 reducing surveying time
- **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
- High contrast screen and weatherproof (IP65) construction for operation in almost any environment
- Light weight and ergonomic design allow prolonged usage
- Screen and operations common across Radiodetection's Precision Locator ranges minimizing changes in working practice and re-training needs
- 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
- Built-in Li-Ion rechargeable batteries as standard for extended battery life and cost effective operation

<sup>▲</sup> Some features are model dependent, check specifications for details

\* Requires Android 5.1 or higher and data connectivity. Not available in countries where Google Maps is blocked. Maps can be exported as CSV or KML files. Bluetooth models only.



### EXTENDED WARRANTY

Warranty can be extended to a total of 3 years by registering the equipment. Registration is free and provides access to software upgrades and other online features.

	7100 locators		8100 locators	
	Cable & Pipe	Cable, Pipe & RF Marker	Cable & Pipe	Cable, Pipe & RF Marker
Locate Frequencies	4-7	5-7	16-24	17-25
Active Locate Modes	3-4	4	5	5
RF Utility Marker Frequencies		9		9
Custom Locate Frequencies			✓	✓
Combined Locate Mode †		✓		✓
Sonde Frequencies	0-4	1-4	4	4
Passive Modes	2-3	2-3	2-5	5
On-board GPS	●		●	✓
Power Filters	●	●	✓	✓
Usage-Logging	●	●	●	●
CALSafe™	●	●	●	●
4 kHz for High Impedance Lines			✓	✓
Current Direction			●	●
Fault Find	●	●	●	●
Depth in Power	●	●	●	●
Passive Avoidance			●	●
iLOC			✓	✓
Lithium-Ion Battery	●	✓	●	✓
Bluetooth		✓	✓	✓
3 Year Warranty on Registration*	✓	✓	✓	✓

† Locates marker balls and cables & pipes simultaneously

Transmitters	Tx-1	Tx-5(B)	Tx-10(B)
Max. Output Power	1W	5W	10W
Active Frequencies	16	16	16, 36
Induction Frequencies	8	8	8
Current Direction Frequencies			0-14
iLOC Remote Control		●	●
Fault Find		✓	✓
Relative Induction Field Strength	0.7	0.85	1.00
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 RD8100 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/RD8100](http://www.radiodetection.com/RD8100) and [www.radiodetection.com/RD7100](http://www.radiodetection.com/RD7100)

Visit [www.radiodetection.com](http://www.radiodetection.com)

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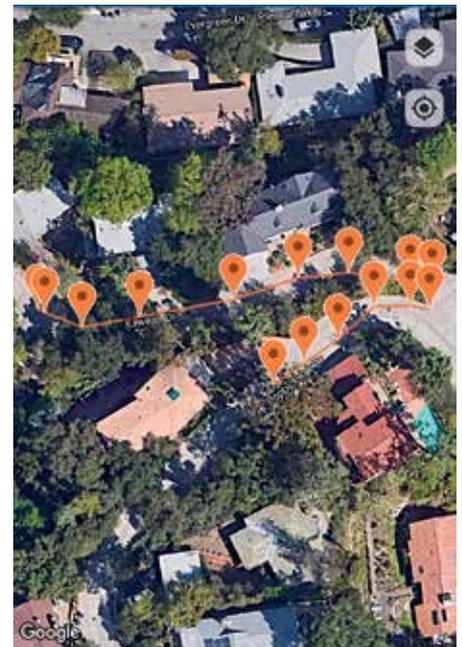
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Create detailed maps of buried utilities in real time. Survey measurement data is added to GPS information to map the route of the tracked utility.

