

Fully digital platform

Patented Triband $\Delta\Sigma$ design provides unparalleled flexibility of power, frequency and control.

Range of transmitters

1 Watt, 3 Watt and 10 Watt power ratings and features suitable for a broad range of applications.

Robust

Constant current delivered from 200Hz to 200kHz meets the highest demands of reliability and performance.

Up to 10 Watt output

For locating deep and long distance cables and pipes.

RD Transmitters

Based on a fully digital platform, the new family of Radiodetection transmitters supports the entire range of Radiodetection RD7000 and RD8000 cable and pipe locators.

The Tx-1 is a low power transmitter. The Tx-3 has a higher current and induction capability as well as Fault Find. The Tx-10 has the highest current capability with both Fault Find and CD modes as standard.

All models feature a patented three-stage phase sensitive amplifier that delivers a ground-impedance compensated, constant current across its entire bandwidth in either direct connect, clamp or inductive mode. The transmitters use less power and are ergonomically designed to deliver superior performance in a new light-weight, well-balanced case.

The transmitters are 10% lighter than the industry standard T10 yet each is IP54 rated to cope with demanding environmental conditions. Each model has a removable accessory tray and a weatherproof battery compartment. A large, high contrast, backlit LCD screen provides the user with clear information. The interface is intuitive and responsive, allowing the operator to access any feature with ease.

SideStepauto™: allows the transmitter to calculate the optimum frequency based on ground impedance. The transmitter uses this information to optimize the active frequency. SideStepauto™ helps to improve locate accuracy and extends battery life.

All models are compatible with the complete range of RD7000 and RD8000 frequencies in both inductive and direct connect modes. The transmitters use 8 D-cell batteries and can be powered from a vehicle using a 12V cable plug (it is recommended that an approved Radiodetection isolation transformer is used).

As an additional feature, each model has a multimeter function providing measurement of output voltage, line voltage, current, impedance and power.



Transmitter features

- Three power versions: 1 Watt, 3 Watt and 10 Watt
- 8KFF – locates faults from short circuit up to 2M Ω
- CDFF – for long distance fault finding
- 5 CD paired low frequencies
- Current delivered at 30V or high voltage mode (90V for high impedance operation)
- The transmitters have 200Hz to 200kHz active frequency range
- Selectable modes support RD7000 and RD8000 specific model locator frequency ranges
- 8 inductive frequencies
- SideStepauto™
- Transient overvoltage protection
- Multimeter function
- 8 D-cell battery cassette (rechargeable battery pack option available)
- Accessory tray (for ground stake, direct connect leads and earth reel)
- Plug and play accessories (compatible with RD4000 transmitter accessories)
- External 12V DC operation (using Radiodetection isolation transformer)
- Click-touch splash-proof sealed keypad
- High contrast LCD

Standard features:

Sales Part No.	Power (Watt)	CD	8KFF	Induction frequencies	Induction field strength	Direct connect frequencies	Accessory storage base	NiMH & Alkaline standard batteries	External 12V supply	Multimeter	Transient overvoltage protection	LCD display
10/RDXT1	1			8	0.7	15	✓	✓	✓	✓	✓	✓
10/RDXT3	3		✓	8	0.8	15	✓	✓	✓	✓	✓	✓
10/RDXT10	10	✓	✓	8	1	15	✓	✓	✓	✓	✓	✓