

RD400LCTx Lightweight Compact Transmitter

Technical Specification

Description: RD400LCTx Lightweight compact transmitter.

Part No: 10/RD400LCTX.

Physical:

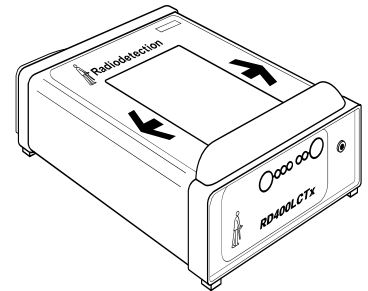
Construction High impact thermo plastic moulding, weatherproof to NEMA 3R and IP54.

Dimensions 27.5 x 17.5 x 9 cm (10.8 x 6.9 x 3.5 in).

Shipping Box Size 33 x 20 x 11 cm (12 x 7.8 x 4.3 in).

Weight 1.5kg (3.3 lb).

Shipping Weight 1.6 kg (3.5 lb).



Operating Modes:

Mode	Frequency	Output Options
f1	400-700 Hz	Direct connection, clamp
f2	8.192 kHz	Direct connection, clamp, induction*
f3	32.768 or 65.536 kHz	Direct connection, clamp, induction*

* Automatically selected when no cable or accessory connected.

Audio Indication Induction output or satisfactory connection - Pulsed tone.
Induction not available or bad connection - Continuous tone.
Insufficient battery power - No tone.

Visual Indication High brightness LEDs indicate power level and frequency selection.
Pulsed power level LED indicates induction output or satisfactory connection.

Output Protection Output circuitry is protected against inadvertent connection to 110 V rms at 50/60 Hz.

Signal Continuous sine wave.

Performance

Connection Performance		Open Circuit Voltage	Short Circuit Current	Optimum	Power in Load
	High Power	17.6 V rms	200 mA	N/A	1 W (all loads less than 300R).
	Low Power	7 V rms	80 mA	N/A	¼ W (all loads less than 150R).



Radiodetection

Induction Performance	Mode	Field Strength (dB V/m @ 3 m)	Induced Current (10R cable @ 0.5 m)
	8 k (High power)	120	1.6 mA
	8 k (Low power)	113	0.7 mA
	33 k (High power)	119	5.0 mA
	33 k (Low power)	112	2.0 mA

Batteries 4 x LR20 (D) 1.5 V alkaline. 60 hours life, nominal @ 20°C (68°F).

**Operating
Temperature Range** -15°C to +50°C (+5°F to +122°F).

Miscellaneous

Options Signal Clamps (2, 4, 8.5 and 15.5 in), Live Plug Connector.

Compatibility Recommended Radiodetection Receivers: RD400PXL, RD400PXL-2, RD400PDL, RD400PDL-2, RD400PL, RD400SL (8 and 33 kHz).
Other Radiodetection receivers are compatible, but this transmitter may not enable use of all their features.

Quality Control BS5750/ISO 9001/EN29001.

EMC  Complies with European EMC Directive 89/336/EEC.

Warranty 12 months.

