

A. Typical Applications

Item	Parameter
Description	Pipe & cable locator transmitter
Uses	Transmitting active signals for the location of buried pipes and cables

B. Transmitter Assembly

Item	Parameter									
Construction	High impact ABS									
Weight	1.81 lbs (0.82kg) (Excluding battery)									
Dimension	16.9in(L) x 3.1in(W) x 1.7in(H) (430mm x 79mm x 44mm)									
Power Supply	- Standard battery pack - using 4 x alkaline “D” cells									
Battery Life	At 70°F (21°C) - continuous use <table><tr><td>Power</td><td>Output Power</td><td>Alkaline</td></tr><tr><td>Full Power</td><td>1 watt</td><td>28 hours</td></tr><tr><td>Low Power</td><td>0.1watt</td><td>150 hours</td></tr></table>	Power	Output Power	Alkaline	Full Power	1 watt	28 hours	Low Power	0.1watt	150 hours
Power	Output Power	Alkaline								
Full Power	1 watt	28 hours								
Low Power	0.1watt	150 hours								
External Connectors	- 1 x 3 pin connection socket – (XLR)									
Output Protection	Output protected against accidental connection to up to 240V AC (50/60Hz)									
Approvals	<ul style="list-style-type: none">- Complies with European standard CE (Directive 99/5/EC)<ul style="list-style-type: none">• EN 55011• EN 61000-4-3• EN 61000-4-2• EN 61000-4-4• EN 61000-4-5• EN 61000-4-8- Complies with FCC Rules Part 15<ul style="list-style-type: none">• CFR 47 Part 15									
Standard Accessories (Supplied With Transmitter)	<ul style="list-style-type: none">- 1 x direct connection lead (XLR plug with two cables each 10ft (3.5m) long with crocodile clips)- 1 x T type ground stake									
Optional Accessories	<ul style="list-style-type: none">- Transmitter only “shoulder bag”- 2in (50mm) transmitter clamp- 4in (100mm) transmitter clamp- 5in (125mm) transmitter clamp- LPC Separation Filter (to connect and use transmitter on lines carrying up to 240V AC)									

C. Operational

Item	Parameter
Location Modes	<ul style="list-style-type: none"> - Induction mode – applies signal inductively using internal antenna - Direct connection mode - applies signal directly to the cable by clipping one output lead to the cable, the other to an independent ground - Clamp mode – applies signal using an inductive clamp (toroid) that is placed around the target cable <p>* Modes are selected automatically when accessories are plugged in.</p>

	* Default mode (no accessories) is induction.
Transmitting Frequency by Mode	<ul style="list-style-type: none"> - Direct connection mode / Clamp mode: 8 kHz (8192Hz) / 83.1 kHz (83077.5Hz) - Induction Mode 83.1 kHz (83,077.5Hz)
Transmitting Mode Power output	In accordance with FCC part 15: <i>1 watt – in High output level</i> <i>0.1 watt – in Low output level</i>
Output Voltage	Maximum output voltage = 60V RMS
Output Current	Maximum output current = 150mA RMS constant current
Audio indication	<ul style="list-style-type: none"> - Connection quality – variable beep rate sound showing the better signal applied - Beep constantly – for high voltage detected
Controls	Use pushbuttons to select: <ul style="list-style-type: none"> - Power button: On / Off (Press and hold); Low / High output (Short press) - Frequency select
Compatible With Receivers	vLocPro, vLocML, vLocPro2, vLocML2, vLoc-9800, VM-550
Compatible Accessories	Signal Clamp, 2in Clamp, 4in Clamp, 5in Clamp, Flexible Clamp

D. Environmental

Item	Parameter
Temperature Range	Operating : -4°F to 122°F (-20°C to 50°C) Storage : -40°F to 140°F (-40°C to 60°C)
Weather Proof	IP54 and NEMA 4
Shipping Weight	14.3lbs (6.5kg) (With Receiver) (estimation)
Shipping Dimension	3.6in(L) x 4.9in(W) x 37in(H) (85mm x 125mm x 940mm) (estimation)

E. Warranty

Item	Parameter
Warranty	12 months(Limited warranty)

Disclaimer: Product and accessory specification and availability information is subject to change without prior notice.

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