

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 Output Power Alkaline 1 watt > 60 hours
External Connectors	- 1 x 3 pin connection socket – (XLR) - 1 x fuse (output protection) 400mA (0.2in(D) x 0.8in(L) (5mm x 20mm))
Output Protection	Output protected against accidental connection to up to 240V AC (50/60Hz)
Approvals	- Complies with European standard CE (Directive 99/5/EC) <ul style="list-style-type: none"> • EN 61000-6-4: 2007 • EN 61000-4-3: 2006 • EN 61000-4-2: 1995 A1 & A2 • EN 61000-4-8: 1994 A1 • ETSI EN 300 330-2: 2006 • ETSI EN 301 489-1: 2005 • ETSI EN 301 489-3: 2002 - Complies with FCC Rules Part 15 <ul style="list-style-type: none"> • CFR 47 part 2: 2004 • CFR 47 Part 15: 2006 • ANSI C63.4: 2003
Standard Accessories (Supplied With Transmitter)	- 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	- 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	- Induction mode – applies signal inductively using internal antenna - Direct connection mode - applies signal directly to the cable by clipping one output

	<p>lead to the cable, the other to an independent ground</p> <ul style="list-style-type: none"> - 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. * Default mode (no accessories) is induction.</p>
Transmitting Frequency by Mode	- Induction mode / Direct connection mode / Clamp mode: 83.1kHz (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) - Audio button: Off / Low / High (Short press)
Compatible With Receivers	vLocPro, vLocML, vLocPro2, vLocML2,
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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