

1. Product Summary

1.1 Product Descriptions	Multi-purpose Precision Locator Cable and Pipe Locator Locate System Receiver Multi-function Precision Locator
1.2 Intended Use	Locating the position / path of buried cables and pipes Detecting and pinpointing insulation faults on buried cables and pipes Creating survey records of buried cables and pipes locations
1.3 Standard Equipment	Locator Quickstart guide Type C to USB A data cable

2. Performance

2.1 Sensitivity	6E-15 Tesla 5 μ A at 1 meter (33kHz)
2.2 Dynamic range	140dB rms/ \sqrt Hz
2.3 Selectivity	120dB/Hz
2.4 Depth measurement precision ¹	\pm 3%
2.5 Locate accuracy	\pm 5% of depth
2.6 Active Locate filter bandwidth	\pm 3Hz, 0 < 1kHz \pm 10Hz, \geq 1kHz
2.7 Start-up time	<1 second
2.8 Maximum depth readout ²	Metric: Cable / Pipe: 30m Sonde: 19.5m Imperial: Cable / Pipe: 98' Sonde: 64'

3. Locate Functions

3.1 Active Locate Modes	Five: <ul style="list-style-type: none"> • Peak • Peak+™ (choice of combined Peak & Guidance or Peak & Null) • Guidance • Broad Peak™ • Null
3.2 Gain control	Guidance Mode: Automatic Other modes: Manual gain using "+" or "-" with one touch to return to center (50% of Full Scale)
3.3 Custom locate frequencies	Up to 5 additional frequencies in the range 50Hz to 1kHz at 1Hz resolution
3.4 Active locate frequencies	21 Frequencies: ELF (98/128Hz), 512Hz, 570Hz, 577Hz, 640Hz, 760Hz, 870Hz, 920Hz, 940Hz, 1090Hz, 1450Hz, 4096Hz, 8kHz, 8440Hz, 9820Hz, 33kHz, 65kHz, 82kHz, 83kHz, 131kHz and 200kHz
3.5 Sonde Frequencies	4 Frequencies: 512Hz, 640Hz, 8kHz and 33kHz
3.6 Fault Find	8KFF and CDFF Locate insulation sheath faults on pipes and cables to 10cm / 4" accuracy using the accessory A-Frame and a compatible transmitter

3.7 Current Direction™ (CD) Signal Pairs	<p>14 CD Pairs: 219.9/439.8Hz, 256/512Hz, 280/560Hz, 285/570Hz, 320/640Hz, 380/760Hz, 460/920Hz, 4096/8192Hz, 680/340Hz (INV), 800/400Hz (INV), 920/460Hz (INV), 968/484Hz (INV), 1168/584Hz (INV), 1248/624Hz (INV),</p> <p>Confirm operator is following the target pipe or cable with CD arrows and a compatible transmitter</p>																		
3.8 Passive Locate Modes	<ul style="list-style-type: none"> • Power • Radio • CPS – cathodic protection system • CATV – Cable TV • Passive Avoidance – simultaneous locate of power and radio 																		
3.9 Power Filters™ function	<p>Switch out of sensitive Power Mode to locate on any of 5 individual mains harmonic frequencies:</p> <table border="1" data-bbox="485 501 1473 728"> <thead> <tr> <th>HARMONIC</th> <th>50 Hz regions</th> <th>60 Hz regions</th> </tr> </thead> <tbody> <tr> <td>Primary</td> <td>50 Hz</td> <td>60 Hz</td> </tr> <tr> <td>3rd</td> <td>150 Hz</td> <td>180 Hz</td> </tr> <tr> <td>5th</td> <td>250 Hz</td> <td>300 Hz</td> </tr> <tr> <td>7th</td> <td>350 Hz</td> <td>420 Hz</td> </tr> <tr> <td>9th</td> <td>450 Hz</td> <td>540 Hz</td> </tr> </tbody> </table>	HARMONIC	50 Hz regions	60 Hz regions	Primary	50 Hz	60 Hz	3rd	150 Hz	180 Hz	5th	250 Hz	300 Hz	7th	350 Hz	420 Hz	9th	450 Hz	540 Hz
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3.10 Information displayed	<ul style="list-style-type: none"> • Signal strength - moving bar graph and numeric value • Mode indication (Peak, Null, Guidance, Broad Peak, Peak+ with option of Guidance arrows or Null arrows) • Line or Sonde locate type • Proportional left/right indication • Compass: full 360° line direction indicator • Accessories in use indication • Accessory specific custom screen • Depth and current readout (Line location) • Depth readout (Sonde location) • Gain level (in dB) • Frequency selected • Battery condition • Speaker volume • Operating frequency • Bluetooth status • GPS satellites in view (where fitted) • GPS status (where fitted) • Configuration menu and submenus • Software version • Last calibration date • Survey measurement counter • Current Direction mode indicator • Current Direction arrows • Fault Find mode indicator • Transmitter communication status • Transmitter standby status • StrikeAlert™ warning • Overload warning • Swing warning 																		
3.11 Audio output tones	<p>Volume level: VOL0, VOL1, VOL2, VOL3, VOL4 and VOL5</p> <p>Audio Level Pitch: Low and High</p> <p>Audio feedback for menu navigation StrikeAlert audio warning Swing audio warning</p> <p>Power / Passive Avoidance / Radio modes: Real Sound™ derived from detected electromagnetic signal</p> <p>Peak / Peak+ modes and CPS / CATV modes: Synthesized audio tone proportional to signal strength</p> <p>Guidance mode: Continuous tone when locator is to the left of target, intermittent tone when to the right of target</p> <p>Null mode: Synthesized Audio tone proportional to signal strength. Low pitch to left of target, high pitch to right of target</p>																		

Bluetooth 2.0 - SPP	Bluetooth 2.0 - SPP
iLOC™	Bluetooth 2.0 - SPP
iLOC™	Bluetooth 2.0 - SPP
USB	Bluetooth 2.0 - SPP

5. GNSS

GNSS (GPS) 精度	GNSS 精度: SBAS 2.5m CEP, GPS, GLONASS, SBAS - WAAS, EGNOS, MSAS, 精度
GNSS/GPS 精度	Bluetooth 精度: GNSS 精度
GNSS/GPS 精度	GNSS 精度: 4.0
精度	500 精度 8
精度	1,000
精度	Bluetooth - 精度, Bluetooth - 精度, USB - 精度
Bluetooth 精度	PPP, ASCII (3 精度), GPS 精度

6. 電池

電池	2 x 電池 (MN1300 / LR20) 電池 (Li-Ion)
電池	2 x 電池 (MN1300 / LR20) 電池 (NiMH) 電池
電池 (5)	電池: 35, 電池: 13
電池	電池: NiMH / 電池: 電池
電池 (電池)	電池: 100 250 AC 50/60 Hz 電池: 12 24V DC
電池 (Lilon 電池)	電池: 80% 3 電池

7. 尺寸

ABS	ABS 尺寸: 1.8kg
尺寸	尺寸: 4.0
尺寸	尺寸: 1.9kg
尺寸	尺寸: 4.2
IP65	IP65 尺寸: 6
尺寸	尺寸: 3.5mm
7	溫度: -20°C 50°C, 溫度: -4°F 122°F
溫度	溫度: -20°C 70°C, 溫度: -4°F 158°F
尺寸	尺寸: 648mm x 286mm x 125mm, 尺寸: 25.5 x 11.3 x 4.9
尺寸	尺寸: 700mm x 260mm x 330mm, 尺寸: 27.6 x 10.2 x 13

8. 詳細仕様

1. 仕様書 (参照)

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4. 仕様書: 50mm 仕様書 仕様書: 2 仕様書 仕様書 仕様書
仕様書: 100mm 仕様書
仕様書: 4" 仕様書 仕様書 仕様書: 130mm 仕様書
仕様書

仕様書: 5 仕様書 仕様書 CD 仕様書

5. 仕様書 DD 仕様書 A 仕様書