

A. VM-560 Locator Typical Applications

| Item | Parameter |
|--------------------|------------------------------------|
| Description | VM-560 Three frequency Locator Kit |
| Uses | Pipe and cable locator |

B. Receiver

| Item | Parameter |
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| Construction | - Carbon fiber reinforced antenna tube - High impact thermoplastic (ABS) injection molded housing |
| Weight | 1.41lbs (0.64kg) |
| Dimensions | 34.6in(L) x 3.1in(W) x 2.8in(H) (880mm x 80mm x 70mm) |
| Digital Display | Dot matrix |
| Audio | Piezo Speaker |
| Batteries | 2 x AA (LR06) Alkaline batteries - typically 20 hours continuous use at 70°F (21°C) |
| Operating Frequencies | - Passive: 50Hz or 60Hz - Active: 512Hz or 640Hz, 8.192kHz(8192Hz), and 480kHz(480000Hz) |
| Sensitivity | - Frequency <ul style="list-style-type: none"> • 50/60Hz 5mA for 20dB SNR and 10Hz bandwidth • 512/640Hz 1.5mA for 20dB SNR and 10Hz bandwidth • 8.192kHz 27uA for 20dB SNR and 10Hz bandwidth • 480kHz 2uA for 20dB SNR and 10Hz bandwidth |
| Measurements | - Signal strength - Depth range 5m (16ft), accuracy +/- 5% of depth (with stable signal) |
| Controls | Keypad with four pushbuttons |
| Connectors | 1 x mini USB socket for programming |
| Approvals | - Complies with European standard CE (Directive 99/5/EC) <ul style="list-style-type: none"> • EN 55011 • EN 61000-4-2 • EN 61000-4-3 • EN 61000-4-8 - Complies with FCC Rules Part 15 <ul style="list-style-type: none"> • CFR 47 Part 15: 2006 |
| Standard Accessories (Supplied with Receiver) | - Soft carry bag - Quick guide |

C. VM-560FF Transmitter

| Item | Parameter | | | | | | |
|---------------------|--|--------------|-----------------|------------|----------|-----------|-----------|
| Construction | High impact ABS | | | | | | |
| Weight | 2.47 (1.12kg) | | | | | | |
| Dimension | 18.1in(L) x 3.5in(W) x 2.6in(H) (460mm x 90mm x 65mm) | | | | | | |
| Power Supply | 4 x alkaline "D" cells | | | | | | |
| Battery Life | At 70°F (21°C) - continuous use <table> <tr> <td>Power</td> <td>Alkaline</td> </tr> <tr> <td>Full Power</td> <td>28 hours</td> </tr> <tr> <td>Low Power</td> <td>150 hours</td> </tr> </table> | Power | Alkaline | Full Power | 28 hours | Low Power | 150 hours |
| Power | Alkaline | | | | | | |
| Full Power | 28 hours | | | | | | |
| Low Power | 150 hours | | | | | | |
| Power output | - In accordance with FCC part 15: <ul style="list-style-type: none"> • 1 watt – in High output level • 0.1 watt – in Low output level | | | | | | |
| Frequencies | - Direct connection mode / Clamp mode: <ul style="list-style-type: none"> • 512Hz or 640Hz (direct connection only), 8.192kHz(8192Hz), and 83.1kHz(83100Hz) - Induction Mode: <ul style="list-style-type: none"> • 480kHz (480000Hz) - Fault Find Mode <ul style="list-style-type: none"> • 8kFF, Fault locating mode for use with vLoc accessory A-frame or VM-510 ground | | | | | | |

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| | fault locator (8.192kHz amplitude modulated with 8Hz and phase modulated with 2.66Hz) * Modes are selected automatically when accessories are plugged in. |
| Output Voltage | - Maximum output voltage = 60V RMS |
| Output Current | - Maximum output current = 150mA RMS constant current |
| Audio indication | - Connection quality – variable beep rate sound showing the better signal applied - Beep constantly – for high voltage detected |
| Visual Indication | - LED |
| Controls | Use pushbuttons to select: - Power button: On / Off (Press and hold); Low / High output (Short press) - Frequency select |
| Standard Accessories (Supplied with Transmitter) | - Direct connection lead (XLR plug with two cables each 10ft (3.5m) long with crocodile clips) - “T” shape ground stake |
| Optional Accessories | - 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) |
| Approvals | - 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 |
| Compatible with | vLoc range of receivers with matching frequencies, VM-510FFL Fault Locator |

D. Environmental Shipping

| 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 (with transmitter) | 9.48lbs (4.3kg) (estimation) |
| Shipping Dimension (with transmitter) | 39in(L) x 7.7in(W) x 4.7in(H) (990mm x 195mm x 120mm) (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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