



# vLoc3-XLF

## Low-Frequency Locator

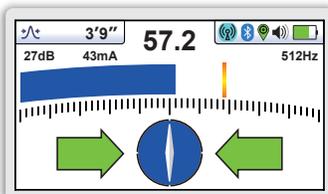
- Optimized for low-frequencies
- Ideal for long-line and pipeline networks
- Color-coded EM distortion warnings
- Cloud-based data warehousing
- Internal data logging
- Optional Bluetooth connectivity

The **vLoc3-XLF locator** uses extra-low frequencies specific for long-line locating. The low frequencies used in the XLF are designed to travel further distances with less coupling onto adjacent lines and be less susceptible to distortion. A few applications ideal for low-frequency locating is long-haul fiber lines, metropolitan loop networks, and pipeline transmission lines.

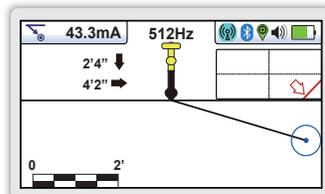
With two sets of screened 3D antennas, signal distortion is easily detected and displayed on the bright full-color display. Along with the classic locate screens, the vLoc3 series locators offer new locate perspective screens of:

- Vector Locate - for fully automatic, non-walk over locating.
- Transverse Graph - showing both peak and null modes simultaneously, immediately showing any signal distortion.
- Plan View - showing the relative orientation of the cable at any angle.
- Sonde Screen - with omnidirectional guidance providing arrows leading to the sonde from any direction.

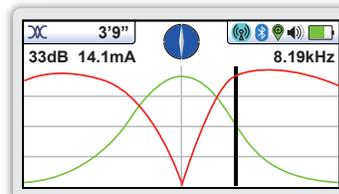
The user-configurable vLoc3 series locators have eight passive locate modes, fault-find modes, SD (Signal Direction, showing the direction of outgoing current), and a range of configurable frequencies from 32Hz to 32.8kHz. Visual and mechanical vibration alerts can be configured by the user providing warnings for shallow depth, overload, overhead cables, and excessive swinging. Plug-in-play options for the receiver include an optional Bluetooth module usable with external GPS devices and the plug-in vLoc3-MLA (marker locator adapter) to locate buried markers.



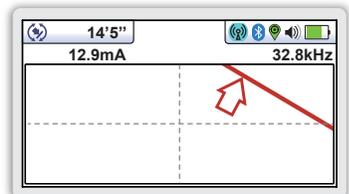
**Classic Screen** - as in previous vLoc locators, with the addition of three color-coded distortion levels



**Vector Locate** - shows orientation, line position, and distance relative to the locator in 3D



**Transverse Plot Screen** - is used to display the peak and null to compare distortion shape



**Plan View Screen** - displays the theoretical line in 2D from above ground in omnidirectional mode

### Alkaline and Li-ion Batteries

- Alkaline = typically 12-hours intermittent use
- Li-ion = typically 27-hours intermittent use

### USB Data Port

- Update the receiver's firmware
- Download datalogs

### Accessory Port

- Remote Stethoscope Antenna
- A-Frame Fault locator
- Vehicle charging lead
- Charge Li-ion battery

### Antenna Configuration

- Optimized for low-frequencies
- Two sets of 3D Antennas
- Omnidirectional antenna array

### Ultra Bright LCD

- High visibility 4.3"/10cm LCD
- Auto backlight

### Module Compartment

- Optional plug-and-play Bluetooth module

### Data Logging

- 50 Million record internal storage
- GPS coordinates (if Bluetooth active)
- Download data with MyLocator3 app
- Access data VMMMap Cloud Portal

### Construction

- High impact ABS plastic construction
- IP65 and NEMA 4 rating
- Lightweight at only 4.6lbs / 2.1kg



Optional Tx-Link remotely controls transmitter functions from receiver  
300m/985ft.

Optional plug-in MLA marker locator

vLoc3-XLF Receiver Specifications	
<b>Construction</b>	High impact ABS injection molded housing
<b>Weight &amp; Dimensions</b>	4.6lbs (2.1kg) / 12.6in(L) x 4.9in(W) x 26.6in(H) (321mm x 124mm x 676mm)
<b>Display</b>	4.3"/10.9cm Transmissive 480 x 272 Pixel, 16-bit Color, High Visibility LCD
<b>Battery options</b>	Rechargeable custom Lithium-ion batteries with 100-240V AC mains charger Six x AA Alkaline batteries
<b>Battery life</b>	Lithium-ion – typically 27-hours intermittent use at 70°F (21°C) Alkaline – typically 12 hours intermittent use at 70°F (21°C)
<b>Operating frequencies</b>	Configurable frequencies from 32Hz to 32.8kHz Power - 50Hz and 60Hz Radio - 10kHz - 22.7kHz bandwidth
<b>Operating modes</b>	Classic Locate (Bar graph), Transverse Graph Mode, Plan View (Omni Directional) Vector Locate (Lateral Position & Depth), Sonde Locate
<b>Data logging and transfer</b>	50 Million records - Records include depth, current, frequency, mode, gain setting, signal strength, GPS coordinate, date and time (if Bluetooth active) Download data from the receiver using the free MyLocator3 desktop app, save in csv, kml, shp, and xlsx formats
<b>Environmental</b>	IP65 and NEMA 4

## What's in the box



## Popular Accessories



## Compatible Transmitters

5-Watt Transmitter



Loc3-5Tx

10-Watt Transmitter



Loc3-10Tx

25-Watt Transmitter



Loc3-25Tx

150-Watt Transmitter



Loc-150Tx

Local Vivax-Metrotech Distributor:

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