



VIVAX
METROTECH

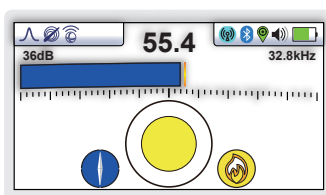
vLoc3-ML

MARKER LOCATOR

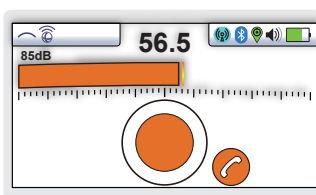
- Dual-purpose utility and marker locator
- Real-time color-coded EMF distortion alert
- Offset-locate modes (Vector and Plan View)
- Open Cloud Data Sync
- Bluetooth & WiFi connectivity

The **vLoc3-ML marker and utility locator** is a dual-purpose utility locator and EMS marker locator. With two sets of screened 3D antennas signal distortion is easily detected and displayed on the bright full-color display. Along with classic locate screen the vLoc3 offer new locate modes like Vector Locate Screen for fully-automatic non-walkover locating, Transverse Graph showing both peak and null simultaneously providing immediate measurement of signal distortion, Plan View showing the relative orientation of the cable at any angle, and a new graphical Sonde screen with 360° guidance arrow leading to the sonde location even when it is vertical.

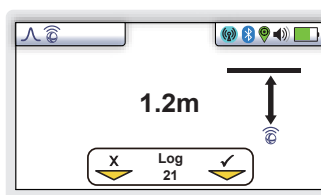
The highly user-configurable vLoc3-ML contains includes marker locate mode, eight passive locate modes, fault-find mode, Signal Direction (showing direction of outgoing current), and a range of configurable frequencies from 98Hz to 200 kHz. Audio, visual and vibration alerts can also be configured by the user providing warnings for shallow depth, overload, overhead cables, and excessive swinging. The vLoc3-ML is equipped with Bluetooth and WiFi as standard. This enables communication with external data loggers, GPS devices or a smartphone with the free VMMapp app installed for data synchronization in the also free VMMapp Cloud.



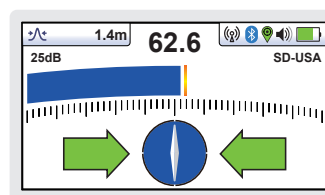
Dual Marker Plus Utility Mode - Shows a peak locate response for both marker and utility location simultaneously



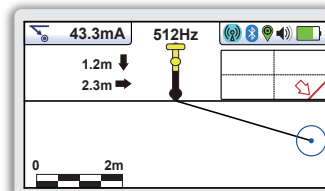
Dedicated Marker Mode - Shows a peak locate response from the buried marker



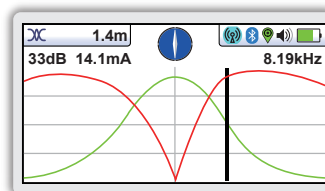
Marker Depth Readings and Logging Options - Are shown in the Dedicated Marker Mode



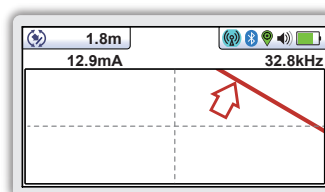
Classic Screen - As in previous vLoc locators, with the addition of three color-coded distortion levels



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



Transverse Graph 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

Li-ion and Alkaline Batteries

- Li-ion typically 27h intermittent use
- Alkaline typically 12h intermittent use

USB Data Port

- Update the receivers firmware
- Download data logs

Accessory & Charging Port

- Charge li-ion battery
- Remote Antenna
- A-Frame Fault Locating Antenna
- 12V DC charging lead

Antenna Configuration

- Two sets of 3D Antennas
- Omnidirectional antenna array

Marker Antenna Foot

Ultra Bright Color LCD

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



Data Management

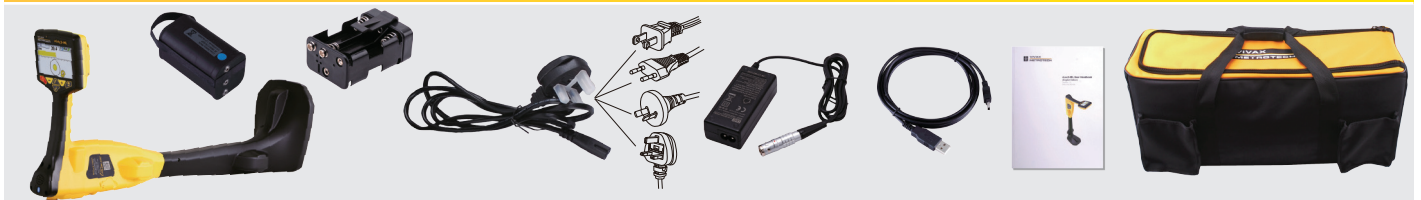
- Internal memory for 50 million records
- Bluetooth connectivity to external devices and data loggers
- Free MyLocator3 configuration software
- Free Cloud for data management and maps via web portal and the free VMMapp app
- WiFi connectivity for Over-the-Air Updates (coming soon)



Different EMS marker types

	vLoc3-ML Receiver Specifications								
Construction	High impact ABS injection molded housing								
Weight and dimensions	2.6kg / LxWxH 310 x 159 x 721mm								
Display	High Visibility Color Display 4.3"/10cm LCD, 480 x 272 Pixel								
Battery options	Rechargeable custom Lithium-ion batteries with 100-240V AC mains charger Six x AA Alkaline batteries								
Battery life	Lithium-ion – typically 27-hours intermittent use at 21°C Alkaline – typically 12 hours intermittent use at 21°C								
Operating frequencies	Utility locate: Configurable frequencies from 98Hz to 200 kHz • Power 50Hz and 60Hz • Radio - 10kHz - 22.7kHz bandwidth • Signal Direction (SD) - enhanced frequency giving direction of the outgoing transmitter current Marker Locate:								
	Ref #	Utility	Fre. (Hz)	Ref #	Utility	Fre. (Hz)	Ref #	Utility	Fre. (Hz)
	1	Power (Red)	169,800	4	Telephone (Orange)	101,400	7	Non-potable Water (Purple)	66,350
	2	Water (Blue)	145,700	5	Gas (Yellow)	83,000	8	EDF (French Power) (natural)	40,000
	3	Sanitary (Green)	121,600	6	CATV (Orange/Black)	77,000	9	Power - Europe (Blue/Red)	134,000
Operating modes	Marker locate, dual marker/utility locate mode, Classic locate, Transverse Graph, Plan View, Vector locate and sonde modes.								
Data logging and transfer	50 Million records internal data storage - include depth, current, frequency, mode, gain setting, signal strength, GPS coordinate, date and time. Download data from the receiver using the free MyLocator3 desktop software, export as .csv, .kml, .shp, .xlsx, .tsv, .txt, .dxf files, access cloud data via free VMMapp app & web portal								
Environmental	IP65 and NEMA 4								

What's in the box



Popular Accessories



Compatible Transmitters

1- Watt Transmitters	5-Watt Transmitter	10-Watt Transmitter	25-Watt Transmitter
VM-550FF/VM-560FF	Loc3-5Tx	Loc3-10Tx	Loc3-25Tx

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