

Multi-frequency  
line location system

# vLoc

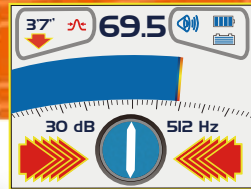
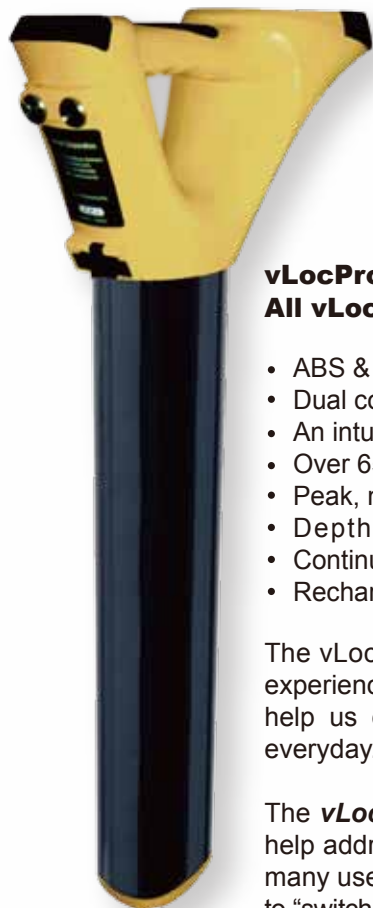


Precision Locators  
Be ready for the future

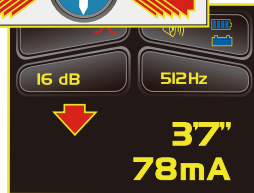


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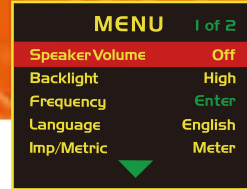
# Effective and efficient location of cables and pipes



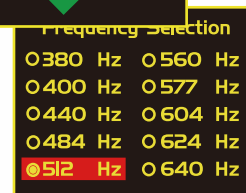
Main Display



Depth & signal current measurement



Main Menu



Frequency Menu

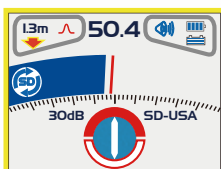
## vLocPro All vLocPro Locators Feature

- ABS & carbon fiber construction to provide rugged strength and a light weight product
- Dual core processor and color display provide fast and clean response
- An intuitive menu system enables the user to configure just the features required
- Over 65 receiver frequencies included for compatibility with other manufacturers
- Peak, null, left/right and orientation (compass) response to support your preference
- Depth & current displayed simultaneously at the press of a button
- Continuous depth or current displayed (selectable)
- Rechargeable batteries with alkaline backup provide the ultimate power source for the receiver

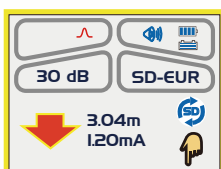
The vLocPro range of locators has been developed by a team of engineers with many years experience in locator design. Vivax also keeps a database of ideas and input from customers that help us design and build locators that address the problems of people who use locators everyday. ([www.vivax.biz/ideas](http://www.vivax.biz/ideas))

The **vLocPro** is a multi-purpose locator, providing a large suite of frequencies and features to help address the full range of problems a user may encounter, however we also understand that many users of our equipment are under pressure to complete their work quickly so we make it easy to "switch off" features not regularly used (they can be switched back on easily) - this provides the best of both worlds all the features when you want them, and just the ones you need when under pressure.

## vLocPro-SD



The **vLocPro-SD** uses a new techniques "**Signal Direction**" which synchronizes the transmitter and receiver to improve the users confidence that they are locating the line to which the transmitter is attached. This system works with direct connection from the transmitter to the line, or by use of a special "SD-Clamp". Vivax is seeking patent protection on this new enhancement.



Vivax continues to back all of its products with a reactive, experienced and dedicated **Customer Support Team**. Our commitment is to provide quality support wherever our products are sold - worldwide. This is achieved by a combination of our own facilities, and a team of dedicated professional businesses.

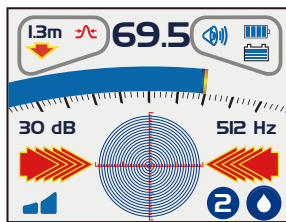
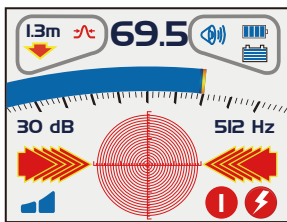
# vLoc

## vLocML

The **vLocML** is a multi-purpose locator with a factory installed option to locate the various buried “markers” used in our industry. The unit is recognizable by the carbon fiber collar near the base of the antenna tube. Other manufacturers use clumsy fold down antennas, or heavy internal ferrite antennas. The Vivax solution is a permanently mounted lightweight carbon fiber encased antenna.

The **vLocML** provides the choice of locating one type of marker only, or all markers simultaneously. One can also choose to look only for markers, or locate and search for markers at the same time.

The locator display indicates the marker type it is identified by both an ICON and a number - the response is indicated by a large circular ball.



## Loc-10Tx & Loc-5Tx

The Loc-10Tx has been the work horse (10 watt) transmitter since the introduction of the vLocPro. Hardware and software modifications have recently been made which substantially increases the battery life of this product. The Loc-5Tx is a new “low profile” (5 watt) transmitter - it costs less and is more economical to operate.

Each transmitter can apply the location signal by connection, induction and signal clamp. Each market has a pre-defined suite of frequencies. (see data sheet) Any combination of frequencies between 400Hz & 200 kHz can be provided on request.

Direct connection - maximum of ten frequencies

Induction - maximum of three frequencies

Clamp - will provide any frequencies that are defined in connection mode and fall in the range 8 kHz to 83 kHz

Both transmitters can be powered by:

- Alkaline battery pack
- Rechargeable battery pack
- (optional) External 12V DC supply (vehicle)
- (optional) 100-240V AC power supply



**Loc-10Tx**



**Loc-5Tx**

(Note: Each transmitter comes with a battery pack - in some markets the alkaline pack is standard in others the rechargeable - the one which is not standard will then be available as an option)

(Note: Government regulatory agencies (FCC, CE etc) limit power output at frequencies above 40 kHz - all Vivax products limit output according to these restrictions.)



## Accessories

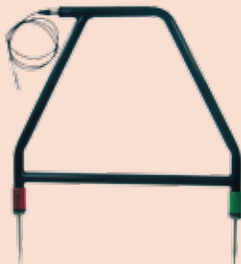
### Clamp - VX4/100, VX5/125

- To apply the transmitter signal to a target cable when no access to the conductor is possible
- 5" diameter (125mm), 4" diameter (100mm)



### A-frame

- For detecting the position of ground/sheath fault



### LPC Separation Filter

- To apply the transmitter signal to cables carrying up to 240V AC



### Loc-10Tx-Power Lead (12V DC)

- 30ft (10m) lead to power (NOT charge) the transmitter from a vehicle



### Remote Antenna

- Use for cable identification



### Charging Lead (12V DC)

- 12ft (4m) long lead to charge the receiver battery (or aux battery pack) in a vehicle

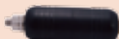


### Sonde



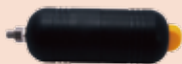
#### D18-33-SR44

- 0.75" (18mm) x 3.1" (80mm) long, 33kHz, range 12ft (4m)
- 2 x button cell batteries



#### D38-33-AA

- 1.5" (38mm) x 4.1" (105mm) long, 33kHz, range 15ft (5m)
- 1 x AA battery



#### D64-33-LR61

- 2.5" (64mm) x 7.3" (186mm) long, 33kHz, range 24ft (8m)
- 1 x LR61 battery



#### D23F-512-AA / D23F-640-AA

- 1" (23mm) x 18" (456mm) long, range 20ft (7m)
- "Flexible (3 section) Sonde with optional 512Hz or 640Hz for use in cast iron pipes"
- 1 x AA battery

### Rechargeable Batteries



### Aux Battery (12V DC) (Rechargeable)



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Product Range: Instruments and Test Vans for Fault Location in Power and Telecommunication Networks and for Leak Detection in Water Distribution Systems · Cable and Pipe Locators · Seminars · Service · Contracting

Technical data subject to change without notice. **ISO 9001:2000**

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