

Precision and reliability
when locating

vLocPro2



Benefits

- ▶ Smaller and lighter than the previous model
- ▶ More than double the battery power
- ▶ Available functions can be switched on and off as needed
- ▶ Customisable start screen
- ▶ and much more ...



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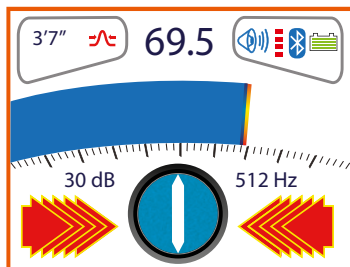
Multi-frequency line location system



vLocPro2

The vLocPro2 builds on the functions of the first vLocPro for improved locating efficiency.

- ▶ Carbon-reinforced plastic housing
- ▶ Protection class IP 54 for use in any weather conditions
- ▶ Colour display
- ▶ High-speed processor
- ▶ Several location modes with orientation using a compass
- ▶ A large number of available frequencies
- ▶ Depth/amperage at the press of a button or sustained
- ▶ Normal and modulated audio modes (separately selectable for the operating modes "current", "radio" and "active")
- ▶ Signal direction for improved reliability in locating
- ▶ Optional "time-off" function
- ▶ Rechargeable and alkaline batteries
- ▶ Optional accessories (see back page)



vLocPro2

The vLocPro2 includes the following additional functions:

- ▶ Plug & Play Bluetooth (customer-installed)
- ▶ Lithium-ion rechargeable batteries (including new battery management software) with more than four-fold longer service life*
- ▶ MyLocator2 configuration management software for vLoc Series 2

(*Comparison of vLocPro with NiMH and vLocPro2 with lithium-ion rechargeable batteries at 22 °C)

vLocPro2 Rx

Frequency range	Passive: Current, radio 100 Hz (CCP) Active: 128 Hz to 200 kHz
Weight	2,1 kg
Depth measurement	0 to 10 m (depending on the signal strength)
Operating time at 21° C	approx. 40 hours (Li-ion rechargeable battery), approx. 6 hours (batteries)
Power supply	Li-ion rechargeable battery system, additionally 6 x 1.5 V AA alkaline batteries
Temperature range	-20° C ... +50° C (operation) -40° C ... +60° C (storage)
Dimensions (W x H x D)	262 x 122 x 639 mm
Protection class	IP 54

Equipment set	vLocPro2 Standard 1 W	vLocPro2 Standard 5 W	vLocPro2 Signal Direction 5 W	vLocPro2 Bluetooth - Signal Direction 5 W	vLocPro2 Standard 10 W	vLocPro2 Signal Direction 10 W	vLocPro2 Bluetooth - Signal Direction 10 W
Applications							
Ground survey	✓	✓	✓	✓	✓	✓	✓
Routing	✓	✓	✓	✓	✓	✓	✓
Drawing plans	✓	✓	✓	✓	✓	✓	✓
Cable selection & read-out	-	✓	✓	✓	✓	✓	✓
CCP (100 Hz cathode corrosion protection)	✓	✓	✓	✓	✓	✓	✓
Camera/probe location	✓	✓	✓	✓	✓	✓	✓
Locating non-metallic lines together with probes (pigs)	✓	✓	✓	✓	✓	✓	✓
Sheath fault location	-	✓	✓	✓	✓	✓	✓

vLocPro2 transmitter

Transmitter

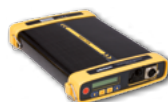
Several transmitters are available for use with the vLoc receivers.

- ▶ The single watt Loc-1Tx is a transmitter with three frequencies for close range applications



Loc-1Tx

- ▶ The 5 watt Loc-5Tx transmitter offers several frequencies, signal direction (SD) and sheath fault location modes



Loc-5Tx

- ▶ The 10 watt Loc-10Tx transmitter includes the maximum available number of frequencies and true 10 W power as well as signal direction (SD) and sheath fault location modes.



Loc-10Tx

- ▶ The Loc-5Tx and the Loc-10Tx can transmit two frequencies simultaneously.
- ▶ The Loc-1Tx, Loc-5Tx and Loc-10Tx all have built-in batteries.

Bluetooth and GPS

The use of GPS with location devices is on the rise in our industry. The compatibility of vLoc2 systems with a number of GPS receivers enables the user to select a GPS device of the required precision which also meets budget constraints.

- ▶ Combined GPS location with location data (such as depth, amperage, etc.)
- ▶ Date and time stamp upon concluding the location Collection of location data for use in card databases or reports
- ▶ New Plug & Play Bluetooth module which you can install

Loc-1Tx

Transmitted power	adjustable up to 1 W (autom. adjustment)
3 frequencies	512 Hz / 8,19 kHz / 32,8 kHz
Weight	1.2 kg (without batteries)
Operating time at 1 W output	approx. 30 hours (battery operation)
Power supply	4 x 1.5 V D-cell alkaline batteries
Temperature range	-20° C ... +50° C (operation) -40° C ... +60° C (storage)
Dimensions (W x H x D)	245 x 243 x 57.5 mm
Protection class	IP 54

Loc-5Tx

Transmitted power	adjustable up to 5 W (autom. adjustment)
3 frequencies	512 Hz to 83 kHz
Weight	2.2 kg (without batteries)
Operating time at 1 W output	approx. 20 hours (battery operation) approx. 50 hours (rechargeable battery operation)
Power supply	8 x 1.5 V D-cell alkaline batteries, NiMH rechargeable battery system optionally available
Temperature range	-20° C ... +50° C (operation) -40° C ... +60° C (storage)
Dimensions (W x H x D)	318 x 243 x 57.5 mm
Protection class	IP 54

Loc-10Tx

Transmitted power	adjustable up to 10 W (autom. adjustment)
3 frequencies	512 Hz to 200 kHz
Weight	3 kg (without batteries)
Operating time at 1 W output	approx. 20 hours (battery operation) approx. 50 hours (NiMH rechargeable battery)
Power supply	12 x 1.5 V D-cell alkaline batteries, NiMH rechargeable battery system optionally available
Temperature range	-20° C ... +50° C (operation) -40° C ... +60° C (storage)
Dimensions (W x H x D)	420 x 180 x 185 mm
Protection class	IP 54

Accessories



► Receiver accessories (specify receiver model when ordering accessories)

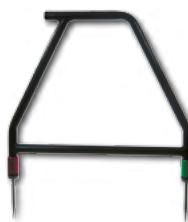
Reader antenna

For cable identification



A-frame

For determining the position of the sheath fault



Bluetooth

Enables connection via Bluetooth to other Bluetooth devices, such as GPS receivers. The user can equip receivers of the vLoc Series 2 with the Bluetooth module at a later date.



Holux receivers

Our receivers are compatible with many GPS devices via Bluetooth, including high-precision GPS devices.



Accuracy up to 5 m

Charging cable (12 V DC)

4 m long cable for charging the receiver battery in a vehicle



Rechargeable battery and charging unit for the receiver

Lithium-ion rechargeable batteries and charging unit



► Transmitter accessories (specify transmitter model when ordering accessories)

Transmitter clamps

For putting a transmission signal onto cables if direct accessing is not possible. Diameter 50 mm, diameter 100 mm, diameter 125 mm, 450 mm flexible.



Transmitter supply cable (12 V DC)

10 m cable for powering the transmitters through a vehicle



LPC separation filter

For transferring the transmitter signal to cables with up to 240 V AC



Rechargeable batteries and charging units for the transmitters

Loc-5Tx (5 watt transmitter), Loc-10Tx (10 watt transmitter), NiMH rechargeable batteries and charging units



► Probe accessories (specify receiver model when ordering accessories)

Battery-operated, stand-alone transmitters



Type: D18

Diameter: 18 mm
Depth to 4 m



Type: D38

Diameter: 38 mm
Depth to 5 m



Type: D64

Diameter: 64 mm
Depth to 8 m



Type: D23F

Diameter: 23 mm
Depth to 7 m