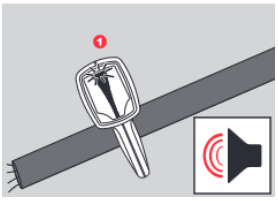
Leica DD175 Buried Utility Locator

The Leica DD175 Buried Utility Locator features advanced automatic controls making it easy-to-use, requiring minimal user experience. Avoiding underground cables and pipes is a major concern on construction sites. Therefore, detecting the position of buried cables and pipes before excavation work can help prevent operator injury, asset damage and any subsequent costs.

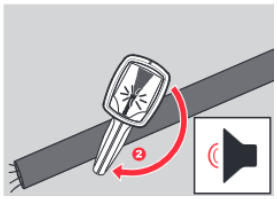
Use the Leica DD175 Buried Utility Locator in conjunction with the recommended DA175 transmitter and range of accessories to achieve improved accuracy and application scope. Take advantage of the Bluetooth and GPS connection for sharing data with the existing DX Software Suite. Work safer, simpler, and smarter with automatic pinpointing. Reduce the likelihood of human error and enable easier and more efficient cable and pipe location, saving you time and money.

Using the Leica Cable Detection Kit

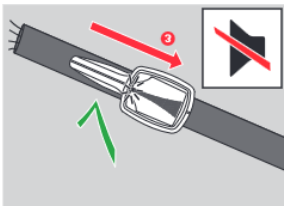
1. Pinpoint a utility by finding the peak reading. The peak reading is found when the locator is positioned directly over a utility and at 90°to it.



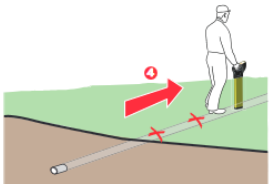
2. Rotate the Locator around its axis until the signal strength indicators are at a minimum.



3.When the signal strength indicators are at a minimum, the blade of the locator is in line with the utility and indicates its direction.



4. Trace the route of the utility by repeating the following process:
• Pinpoint the utility.
• Determine the direction of the utility.
• Follow the direction of the utility.



Easy to use LCD Interface
The simple, intuitive user menu allows the locator to be customized to any user preference, view maintenance history and access training videos. The icon-based navigation menu allows settings to be changed quickly and easily, allowing fast access to health checks to ensure the locator is working properly. Easy to use functions empower the user to detect, trace, and avoid utilities on site.

Components

Cable Locator

a) Display panel
Contains the operational controls.

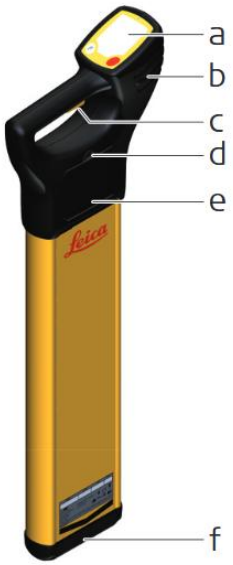
b) Speakers
(mounted internally left and right) Active at power on and when a signal is detected

c) On/Off trigger
Press and hold the trigger to activate the Locator. Release the trigger to deactivate.

d) Battery hatch release
Pressing the release button unlocks the battery hatch allowing access to the battery compartment.

e) Battery compartment
6 x LR6 (AA) alkaline batteries are used. Replace all batteries when indicated.

f) Case foot
The case foot can be replaced if it is worn. Contact your agency or Leica Geosystems authorised service workshop.



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Technical Specifications

Buried Utility Locator	DD175
Power	50Hz / 60Hz Model
Radio	15kHz - 60kHz
Auto	Power, Radio, 33kHz
Transmitter Modes	32.768 (33) kHz
	8.192 (8) kHz
	512 Hz
	640 Hz
Depth Range	Line 0.3m to 3m
	Sonde 0.3m to 9.99m
Depth Accuracy	10%
Environmental Standard	IP54
Operating Temperature	-20° C to 50° C
Battery	6 x LR6 (AA) Alkaline
Battery Operated Time**	15 hours
Dimensions (HxWxD)	760 x 250 x 85 mm
Weight with Batteries	2.7 kg
Internal Data Storage	■
Data Logging	■
GPS	■
Bluetooth	■

* Depth to an undistorted signal
** Constant use at 20°C

Packing List

Leica DD175 Series Cable Locator
User Manual
1 Year Warranty
Alkaline Batteries