

# Leica DD utility locator solution DD100 Series



## Handheld multi-frequency underground service locator for unmatched ease of use

The Leica DD100 Series cable locators feature advanced automatic controls making the DD100 Series 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 DD100 cable locator series in conjunction with the recommended DA175 transmitter and range of accessories to achieve improved accuracy and application scope. With the latest DD175 locator take advantage of Bluetooth and GPS connection for sharing data with the existing DX Software Suite.

## Work Safer, Work Simpler, Work Smarter

With Automatic Pinpointing there is no need for you to manually adjust the sensitivity of your Digicat cable locator ensuring you're using the optimum sensitivity for the environment you are detecting the underground utilities in.

Reducing the likelihood of human error and enabling easier and more efficient cable and pipe locating. Ultimately saving you time and money.

leica-geosystems.com



- when it has to be **right**

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# DD100 Series Technical Specifications

MODE	DD120	DD130	DD175
Power	50Hz / 60Hz model	50Hz / 60Hz model	50Hz / 60Hz model
Radio	15kHz - 60kHz	15kHz - 60kHz	15kHz - 60kHz
Auto	Power, Radio, 33kHz	Power, Radio, 33kHz	Power, Radio, 33kHz
Transmitter Modes	32.768 (33) kHz 8.192 (8) kHz	32.768 (33) kHz 8.192 (8) kHz 512 Hz 640 Hz	32.768 (33) kHz 8.192 (8) kHz 512 Hz 640 Hz
Depth Range	Line 0.3m to 3m / 1ft to 10 ft Sonde 0.3m to 3m / 1ft to 10 ft	Line 0.3m to 3m / 1ft to 10ft Sonde 0.3m to 9.99m / 1 ft to 32.77 ft	Line 0.3m to 3m / 1ft to 10ft Sonde 0.3m to 9.99m / 1 ft to 32.77 ft
Depth Accuracy*	10%	10%	10%
Environmental Standard	IP54	IP54	IP54
Operating Temperature	-20° C to +50° C -4° F to +122° F	-20° C to +50° C -4° F to +122° F	-20° C to +50° C -4° F to +122° F
Battery	6 x LR6 (AA) Alkaline	6 x LR6 (AA) Alkaline	6 x LR6 (AA) Alkaline
Battery operating time**	15 h	15 h	15 h
Dimensions (HxWxD)	760 x 250 x 85mm (30 x 10 x 3.4 inches)	760 x 250 x 85mm (30 x 10 x 3.4 inches)	760 x 250 x 85mm (30 x 10 x 3.4 inches)
Weight with batteries	2.7Kg 5.95 lbs	2.7Kg 5.95 lbs	2.7Kg 5.95 lbs
Internal Data Storage	-	-	✓
Data Logging	-	-	✓
GPS	-	-	✓
Bluetooth	-	-	✓

\* Depth to an undistorted signal

\*\* Constant use at 20°C/68°F

MODE	DA175
Induction Mode Frequencies	32.768 (33) kHz / 8.192 (8) kHz
Power Output	Up to 1 Watt max. when connected to a buried service with an impedance of 300 Ω
Direct Connection Mode Frequencies	32.768 (33) kHz / 8.192 (8) kHz / 512 Hz / 640 Hz
Environmental Standard	Cover Closed: IP67 Cover Open: IP65
Operating Temperature	-20 °C to +50 °C / -4 °F to +122°F
Storage Temperature	-40°C to +70°C, / -40°F to +158°F
Battery	4 x D alkaline (IEC LR20), supplied
Battery Operating Time	30 hrs intermittent use at 20 °C / 68 °F
Dimensions (HxWxD)	250 x 206 x 113 mm / 9.84 x 8.11 x 4.45 inches
Weight with batteries	2.5 kg / 5.5 lbs



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