



Leica Digicat 500i xf locator

With its automatic controls and additional tracing modes of 512Hz and 640Hz, the Leica Digicat 500i xf has been specifically designed to provide operators with a reliable solution to long distance tracing and the detection of camera – sewer inspection systems. Combined with its precise and reliable utility positioning, the Digicat 500i xf will trace buried utilities and sewer inspection systems with ease. The Leica Digitex 100t xf signal transmitter or the more powerful Digitex 300t xf will allow users to trace buried utilities easier than ever before.

Available for 50Hz or 60Hz to suit your regions mains power frequency.



Leica Digicat 550i xf locator

The Leica Digicat 550i xf has the same functionality as the Digicat 500i xf, with the added benefit of depth estimation, when used in conjunction with the Leica Digitex 100t xf, 300t xf signal transmitters, Digimouse Standard Sonde or MAXISONDE with a compatible 8kHz, 33kHz, 512Hz or 640Hz output.

Available for 50Hz or 60Hz to suit your regions mains power frequency.



Leica Digitex 300t xf

The Leica Digitex 300t xf is a four frequency signal transmitter with a 3 watt power output which provides operators with a signal transmitter for everyday site use to specialist tracing tasks. Designed to work with the Digicat xf-Series locators, to easily and accurately trace the route of buried utilities or used to improve the detection of buried utilities which may not have a naturally occurring traceable signal on them.

Additional accessories can be used to trace non metallic services, when used in conjunction with the Leica Digitex and Leica Digicat.

Accessories



Digitrace

The Digitrace enables non-metallic drains, ducts or pipes, up to 150mm in diameter, to be traced when used in conjunction with the Leica Digicat and Digitex signal transmitter. The Digitrace's coiled fibre-glass rod, which protects the central copper tracing conductor, is available in lengths of 30 metres, 50 metres or 80 metres. The fibre-glass rod is inserted and pushed along in the utility under investigation. The Leica Digitex is connected and the tracing signal is located on the surface by the Leica Digicat.



Digimouse

Compact dual frequency sonde used to trace drains, sewers and other non-conductive utilities. Digimouse Standard Sonde can be attached to a range of equipment including drain rods, boring tools and inspection cameras. Powered by 1x AA alkaline battery, with a depth range of 5 metres.



Signal Clamp

100 mm clamp used in conjunction with the Digitex signal transmitter, with a 33 kHz output, to apply a traceable signal to conductive buried utilities such as cables or pipes.



Property Connection

The property connection set provides a safe technique of applying a traceable signal to live electricity cables going to a domestic dwelling or similar. It is connected to the Leica Digitex signal transmitter and a live electrical socket. The electrical supply is not interrupted by the applied signal and the risk of serious injury is greatly reduced.

Specifications	Digicat 500i xf	Digicat 550i xf
Power Mode	50Hz or 60Hz	
Radio Mode	15kHz to 60kHz	
Auto Mode	Power + Radio mode	
8kHz Mode	8.192kHz	
33kHz Mode	32.768kHz	
512Hz Mode	512Hz	
640Hz Mode	640Hz	
Typical Detection Range	Power to 3m, Radio to 2m	
Typical Detection Range (8kHz, 33kHz, 512Hz, 640Hz)	Dependant on signal transmitter or Digimouse (sonde)	
Depth estimation - Line Mode	-	0.3m to 3m
Depth estimation - Sonde Mode	-	0.3m to 9.9m
Protection	Conforms to IP54	
Working Temperature	-20°C to +50°C	
Battery type	6 x AA alkaline (IEC LR6 supplied)	
Battery life	40 hours intermittent use (at 20°C)	
Weight	2.7kg including batteries	
Dimensions	760 x 85 x 250 mm	

Features	Digitex 300t xf
8kHz Mode	8.192kHz
33kHz Mode	32.768kHz
Mixed 8/33	8.192kHz / 32.768kHz
512Hz Mode	512Hz
640Hz Mode	640Hz
Induction (Max)	Up to 1W max
Direct Connection (100 Ohms)	Up to 3W max when connected to a buried service with an impedance of 100 Ohms
Protection (Case Lid Closed)	IP65
Protection (Case Lid Open)	IP54
Working Temperature	-20°C to +50°C
Battery Type	4 x D alkaline (IEC LR20), supplied
Battery Life (Typical Use at 20°C)	20hrs intermittent use
Weight	2.4kg/5.3lbs including batteries
Dimensions	105 x 190 x 235 mm
Extended Self Test	Induction and Connection Modes
Power Output Levels	4

