



MT195 Cable Locator

The MT195 Cable Locator is the ideal tool to detect electrical power cables, communication cables, metal pipes and much more during construction, maintenance, or renovation. Pinpoint pipes and cables in walls or underground with precision by identifying the corresponding signal number sent by the transmitter. The transmitter and receiver with their advanced digital circuit technologies ensures a highly stable and reliable performance. The transmitter not only sends signals but can be used as an AC/DC voltmeter displaying the voltage on the tested line. When testing on electrical circuits, the receiver can quickly identify circuit breakers in the distribution board of the circuit the transmitter is connected to or visa versa. The receiver displays the value of the signal measured and it can be used to check short circuits or breaks on existing installations, ideal for underfloor heating systems. The MT195 set is lightweight and is supplied with a complete set of accessories for direct measurement.

Features

- Detects cables, electrical wire, water/gas supply pipelines concealed in walls and ground
- Detects interruptions and short circuits in cables and concealed electrical wire
- Tracing sockets and distribution sockets having accidentally been covered by plastering
- The transmitter measures voltage from 12V to 400V AC/DC
- The screen of transmitter displays preset transmitting power, transmitted codes and voltage
- Transmitter has self-inspection displaying status on LCD
- Both transmitter and receiver have flashlight function
- Output signal 125kHz
- Detects interruptions and short circuits in floor heating
- The LCD of receiver displays preset transmitting power, transmitted codes and voltage
- The sensitivity of the receiver can be adjusted manually or automatically
- The receiver can sweep frequency automatically
- Identifies fuses and assigned current circuits
- Mute mode can be set for both the transmitter and receiver
- Auto Power Off
- Additional transmitters are available to extend or verify several functions



Function	Range	Accuracy
Transmitter		
Output signal	125 kHz	
External Voltage Range	12V to 400V DC	±2.0%
	12V to 400V AC	±2.5%
Power consumption	115mA approx.	
Operating Temperature	0°C to +40°C	
Operating Humidity	20% to 60% RH	
Size	190 x 89 x 43mm	
Weight	420g	
Receiver		
Cable locating mode	0 to 2 meters (Single pole application)	
	0 to 0.5 meters (Dual pole application)	
	0 to 2.5 meters (Single loop line)	
Grid Voltage Identification	0 to 0.4 meters approx.	
Power consumption	32mA (Min current), 89mA (Max current)	
Operating Temperature	0°C to +40°C	
Operating Humidity	20% to 60% RH	
Size	242 x 78 x 39mm	
Weight	350g	



Locating and tracking of circuit and socket outlets



Locating line interruptions



Fault detection for electrical floor heating



Tracking of underground and buried circuits



Short circuit detections in walls, flooring or underground



Detection of water pipes and metal heating pipes

IEC
61010-1
CAT III
300V

IEC
61010-1
CAT II
600V

MT195

Cable Locator

Contact Us
South Africa

www.major-tech.com sales@major-tech.com

Australia

www.major-tech.com.au info@major-tech.com.au