

# MCT105 Cable Locator



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# Megger<sup>®</sup>



- Trace cables and conductors in walls
- Works on both live and dead cables or conductors
- Locate conductor breaks and short circuits
- Identify fuses and circuit breakers
- Trace conductors buried in the ground
- Trace metal water and heating pipes
- Visual and audible signal strength indication
- Non-contact voltage detector (Receiver)
- Automatic or manual sensitivity adjustment
- Built In torch (Receiver)

## DESCRIPTION

The Megger MCT105 kit includes a separate transmitter and receiver. It is designed to help detect and trace cables or metallic conductors in walls or buried underground, locate and identify fuses or breakers on electrical circuits as well as finding breaks or short circuits in cables and electrical underfloor heating systems. It can also be used for tracing metal water and heating pipes.

The transmitter operates on 5 voltage ranges: 12 V, 50 V, 120 V, 230 V and 400 V, as well as generating a signal on dead or isolated cables and conductors. The receiver offers either automatic or manual adjustment of the signal sensitivity for increased accuracy and can detect buried cables up to a depth of 2.5 M. Both units include an auto power off feature, along with low battery indicators.

The MCT105 is supplied with everything needed to trace and locate cables or conductors, including test leads, crocodile clips, test probes and a protective carry case.

## ORDERING INFORMATION

Description	Part number
MCT105	1013-836

## SPECIFICATIONS

Power Supply	2 x 9 V PP3 Battery
Operation Temperature:	0 ° to 40 °C (32 °F to 104 °F)
Storage Temperature:	-20 ° to 60 °C (4 °F to 140 °F) at <95% RH
Safety Standard:	IEC EN61010-1 CAT III 300 V
<b>Transmitter:</b>	
Output signal:	125 kHz
Voltage Range:	12 - 400 V
Frequency Range:	0 - 60 Hz
Display:	LCD display
External Voltage Detection:	400 V AC/DC (max)
Over Voltage Category:	CAT III 300 V
Dimensions:	130 mm H x 69 mm W x 32 mm D
Weight:	130g
<b>Receiver:</b>	
Tracing depth:	The tracing depth depends of medium and application:
Cable Locator Mode:	single-pole application approx. 0 - 2 m double-pole application approx. 0 - 0.5 m
Voltage detection:	approx. 0 - 0.4 m
Rx:	192 mm H x 61 mm W x 37 mm D
Weight:	180 g