

MRT-700

Underground Cable and Pipe Locator

MRT-700 Underground Cable and Pipe Locator maps quickly, easily and accurately energized and deenergized MV and LV distribution networks.



Specially designed for Utilities to trace lines and pipes in their distribution network

MRT-700 Special Features

- 7 Sensors
- High Accuracy
- High Definition
- 2D LCD Display
- Sunlight Readable color display
- Easy drive (intuitive performance)
- Low Weight



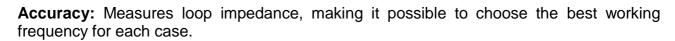
Underground Cable and Pipe Locator

MRT-700TX Transmitter

Versatility: Injects 3 active tracing frequencies; 575Hz, 8KHz and 32KHz by three different and optional way;

- Direct connection with alligator clamps
 Deenergized electric cables, telephone cables, water and gas metallic pipes, etc.
- Induced with a Clamp Energized & Denergized MV and LV cables, telephone cables, etc.
- Built-in Antenna
 In case user, cannot reached cable, or its position is unknown, induction can be made from the earth surface using a built-in antenna

Power: Power Output Selectable by user up to 10 Watts.



MRT-700TX Transmitter Specifications

Output Frequencies: 575Hz, 8KHz and 32KHz

Connection Options: Direct, Induced or Built-in Antenna

Power Source: Built-in rechargeable Li-Ion Battery

Operation Time: >10h at max power

Weight: 3.1 Kg







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MRT-700RX Receiver

Information Displayed

- Depth
- Current amplitude
- 50Hz cables discrimination antenna
- Gair
- Compass for cable direction
- Tracing frequency
- Mode
- Signal power

Push Buttons

- Menu
- Frequency Selector
- Mode Selector
- Manual Gain increase
- Manual Gain reduction
- Automatic Gain Increase/reduction



Fully Digital 2D LCD display with complete information to trace underground cables in an easy drive and light receiver

Versatility; Detects 3 active signals (sent by the MRT-700TX Transmitter) and 2 passive frequencies (50/60Hz)

Easy to use; Its built-in antenna configuration automatically calculates the target position with a digitally processed Algorithm.

Intuitive Performance; A large 2-Dimension LCD screen indicates distance and angle to the cable or pipe to be located by a very intuitive graphical representation.

Continuous depth; It measures automatically pipe's and cable's depth with high accuracy in real time.





MRT-700

Underground Cable and Pipe Locator

Main features:

CE

- Locates and traces underground pipes and cables
- Detects 3 active and 2 passive frequencies
- High Accuracy
- 2D LCD Display
- Easy and Intuitive performance
- Bluetooth Connectivity
- Correct Performance exceeds 10 km in length
- Measures cable depth in cm and inch
- Measures current amplitude of detected active frequency
- Max. Depth: 5 meters
- Depth measurement precision: 5%
- Operation time at max power: >10h
- Enclosure: IP54
- Operation temperature: -20°C / +55°C

MRT-700-RX Receiver Specifications

Trace Frequencies: 640Hz, 8KHz and 32KHz

Passive Power Trace: 50Hz, 60Hz Power Source: 4- Li-lon Battery Operation Time: >10h at max power

Weight: 1.5 Kg

MRT-700 complies with security standard IEC61000-6-2 / 61000-6-4 / 61010-1 CATIV

Power cable identification and location solutions

