



MRT-700 UNDERGROUND CABLE LOCATOR

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GENERAL DESCRIPTION

MRT-700 TX (Transmitter)

MRT-700 RX (Receiver)

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General Description

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



MRT-700 TX (Transmitter)

- 3 active tracing frequencies (525Hz - 8 KHz - 32KHz)
- 2 passive frequencies (50 - 60Hz)
- 10 Watts Power Output selectable by user



Connection Options;

- **Direct** connection with alligator clamps (Deenergized cables)
- **Induced** with clamp (Live & Deenergized cables)
- **Built-in Antenna** in case no Access to cables



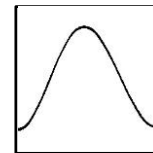
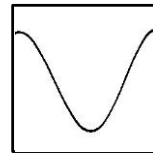
MRT-700 RX (Receiver)

- 2D LCD Large color Display with automatic backlight sensor
 - Measures cable depth and current amplitude
 - Discriminates 50Hz conductors
 - Automatic Gain Selection
 - Bluetooth connection
 - Correct Performance exceeds 10 km in length
 - Maximum 5 mts depth
 - Operation Time >10h
 - IP54 protection
 - Operation Temperature -20°C / +55°C



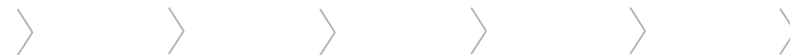
Operation Modes

- **FULL Mode**
 - Most effective combination of sensors
 - Easy drive (intuitive performance)
- **NULL Mode**
 - Eliminates false peaks
 - CERO above cable
- **PEAK Mode**
 - Max over cable
 - Distance to cable
- **MAX Mode**
 - Higher cable positioning accuracy
 - Minimizes errors with distorted fields



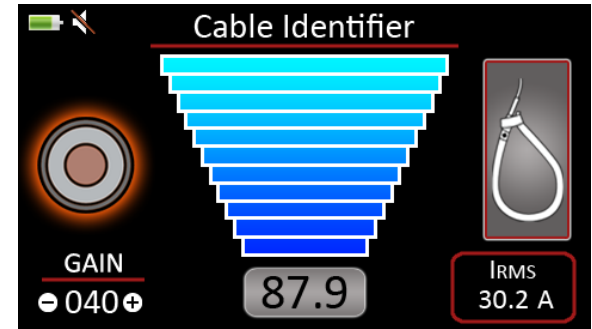
Advanced Functionalities

GRIDGis enables Utility mapping lines towards GPS map by dedicated Bluetooth connection to Smartphone/Tablet and export data to a .KMZ file for GIS Systems



Advanced Functionalities

De-energized Cable Identification



- Single & Multi Core Cables
- Detects active signal's Amplitude and Polarity
- Automatic selection of Sensor



THANK YOU

