



# MRT-700 Underground Cable and Pipe Locator

## Specification

### Transmitter Specifications

Size:	12.4 in x 10 in x 5.9 in (31.5 cm x 25.5 cm x 15 cm)
Weight:	5.5 lbs (2.5 kg)
Input Power:	7.4 V / 6.6 Ah Rechargeable Li-ion Battery
Battery Life:	Operation time (at Level 2) > 24h Operation time at max power: > 10h
Operating Temperature:	-4° to 140° F (-20° to 60° C)
Frequency:	640 Hz, 8 kHz, 32 kHz
Output Power:	Max Power 10 Watts / Max Current 500mA
Max output voltage	50 Vac
Connection Options:	Direct, Induced, Built-in Antenna
Max. Cable loop resistance	1000 $\Omega$
Security Standards:	IEC 61010-1: 2011 / UNE-EN 61010-1:2011
EMC Standard:	IEC 61326-1:2012 / UNE EN 61326-1:2013
Protection degree (with lid closed)	IP65

## Receiver Specifications

Size:	31 in x 14.5 in x 9 in (79 cm x 37 cm x 23 cm)
Weight:	4.8 lbs (2.2 kg)
Power Supply:	7.4 V / 7.2 Ah Rechargeable Li-ion Battery
Battery Life:	Operation time at max power: > 12h
Operating Temperature:	-4° to 140° F (-20° to 60° C)
Antenna:	7 Sensors, Differential Coil Antenna, High Accuracy
Display:	2D Sunlight Readable Color & Large LCD Display
Depth Display:	Continuous depth measures in Cm and Inch
Current Display:	Continuous measures current amplitude of detected active frequency
Frequency Display:	640 Hz, 8 kHz, 32 kHz "Radio" Mode: 15 kHz - 27 kHz "Live Cable" Mode: 50/60 Hz AC
Operating Modes:	"Peak", "Null", "Bar", and "Sonde"
Max Depth:	5m (Up to 16 feet)
Locating	Correct Performance exceeds 10 km in length
Depth Accuracy:	5%
Bluetooth	Bluetooth connection with compatible external GPS devices
GPS	Built-in GPS with accuracy <2 m
Enclosure:	IP54
Security Standards:	IEC 61010-1: 2011 / UNE-EN 61010-1:2011
EMC Standard:	IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11
Warranty:	1 Years



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