

9800 XT™ Pipe and Cable Locator

TECHNICAL DATA



9800XT Receiver

	9860 XT	9890 XT
Receiving Frequencies:	Active - 9.8kHz and 82 kHz Passive - 50/60 Hz and 14-22 kHz	982 Hz, 9.8 kHz and 82kHz 50/60 Hz and 14-22 kHz
Depth Readout Accuracy:	± 5% + 2" under normal conditions	± 5% + 2" under normal conditions
Distance Sensitive Left/Right Guidance™	Included	Included
Real-Time Continuous Gain Adjustment™	Included	Included
Manual Gain/Peak Mode	Included	Included
Current Measurement:	Included	Included
Backlighting:	Included	Included
Battery Type:	Six AA Cells	Six AA Cells
Battery Life:	30 hours continuous use	30 hours continuous use
Battery Check:	Continuous Automatic	Continuous Automatic
Operation Temperature:	-4° to + 122° F (-20° to + 50° C)	-4° to + 122° F (-20° to + 50° C)
Dimensions:	27" L x 7" W x 9" H (68.6 cm x 17.8 cm x 22.9 cm)	27" L x 7" W x 9" H (68.6 cm x 17.8 cm x 22.9 cm)
Weight:	5.24 lbs (2.35 kg)	5.24 lbs (2.35 kg)

9800XT Transmitter

	9860 XT	9890 XT
Output Frequency:	Active - 9.8kHz and 82 kHz Optional 4.8 Hz Fault Locating	982 Hz, 9.8 kHz and 82kHz Optional 4.8 Hz Fault Locating
Simultaneous Frequency Output:	9.8kHz and 82 kHz	982 Hz, 9.8 kHz and 82kHz
Automatic "best" Frequency Selection	Included	Included
Ohm Meter:	0-2 kOhm	0-2 kOhm
Nominal Output Power Conductive Mode:	3 watts	3 watts
Power Settings:	Low, Medium, High	Low, Medium, High
Battery Type:	10 D Cells Optional Rechargeable NiCd	10 D Cells Optional Rechargeable NiCd
Battery Life:	Alkaline - 28 to 70 hours NiCd - 9 to 22 hours Continuous use depending on power and frequency selection	Alkaline - 28 to 70 hours NiCd - 9 to 22 hours Continuous use depending on power and frequency selection
Battery Check:	Automatic at start-up	Automatic at start-up
Operation Temperature:	-4° to + 122° F (-20° to + 50° C)	-4° to + 122° F (-20° to + 50° C)
Dimensions:	14.25" L x 9.25" W x 5.25" H (36.2 cm x 23.5 cm x 13.3 cm)	14.25" L x 9.25" W x 5.25" H (36.2 cm x 23.5 cm x 13.3 cm)
Weight:	8.9 lbs (4 kg)	8.9 lbs (4 kg)

FEATURES

- Real-Time Continuous Gain Adjustment™ and Manual Gain – A First in Locator Technology
- Superior Sensor Technology – Improved Accuracy and Productivity
- Lighted Display on all Models – Low light operations without a flashlight
- Distant Sensitive Left/Right Guidance™
- Multi-Frequency- 3 Active & 2 Passive
- Current Measurement
- Push – Button Depth
- Automatic "Best" Frequency Select
- "ALL" Frequency Transmission

STANDARD EQUIPMENT

Transmitter, Receiver with Display Backlighting, Conductive Attachment, Ground Rod, Carrying Case, and Operation Manual.

ACCESSORIES

Metroclamps – 4290 (2"), 4490 (4"), 4890 (8"), Vehicle Mount Changer (P/N 400B252) for Rechargeable Transmitter Batteries, Telephone style clamps on Conductive Attachment (P/N 400B246), Headphones (P/N 183048), Sondes.

MANUFACTURER'S CERTIFICATION

Metrotech's 9860XT and 9890XT series utility line locators mechanical enclosures are designed to ensure the instruments are protected against environmental impacts according to the IP54 protection class specifications.



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