



9800 XT

Pipe & Cable Locating System

Equipped with the most productive features you require, the **Metrotech 9800 XT Series** is the only advanced locator available with both Real-Time Continuous Gain Adjustment™ and Manual Gain control. Take control of all your locates with the rugged and highly accurate 9800 XT series. Designed for production locating, the 9800 XT series exhibits enhanced sensitivity and uncomplicated line identification.

Real-Time Continuous Gain Adjustment™ & Manual Gain control greatly widens the response range of the instrument without unnecessary complication. The production technician sees greater productivity with faster more reliable response.

Multi-Frequency selection gets the job done with one instrument, reducing costs and training time

Built-tough, **weather-resistant design** ensures year round durability. **Fingertip controls** for ease-of-use, the 9800 XT Series is still the premium locator with the fewest controls. **SMART** electronic design removes the guess work, and displays more detailed information.

Best repair rate in the industry keeps you more productive, requires less down-time at the lowest operating cost of any premium locating instrument.

**SEE BENEATH THE SURFACE...
FASTER & FOR LESS...**

LIFE IS GOOD! WHY COMPLICATE IT?!



NEW FEATURES:

Real-Time Continuous Gain Adjustment™ and Manual Gain - A first in Locator Technology

Improved Sensor Technology - Improved Accuracy and Productivity

Lighted Display on all Models - Low light operations without a flashlight

STANDARD 9800 SERIES FEATURES:

Distance Sensitive Left/Right Guidance™

Multi-Frequency

Current Measurement

Push - Button Depth

Passive 50/60Hz & Radio Frequency

Automatic "Best" Frequency Select

"ALL" Frequency Transmission



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Technical Data



- **Standard Equipment**

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

Specify when ordering: - US or Metric Depth Measurement
 - 50 or 60 Hz Detecting Capability

- **Optional Features**

Rechargeable Transmitter Batteries (Wall Mount Charger included), Fault Locating Capability - includes A-Frame Receiver.

- **Accessories**

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

- **Warranty**

One year warranty on parts and labor.



9800XT Receiver Technical Data

		9860XT	9890XT
Receiving Frequencies:	Active -	9.8kHz and 82 kHz	982 Hz, 9.8 kHz and 82 kHz
	Passive -	50/60 Hz and 14-22 kHz	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 Control		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 Technical Data

		9860XT	9890XT
Output Frequencies:	Active -	9.8kHz and 82 kHz	982 Hz, 9.8 kHz and 82 kHz
		Optional 4.8 Hz Fault Locating	Optional 4.8 Hz Fault Locating
Simultaneous Frequency Output:		9.8 kHz and 82 kHz	982 Hz, 9.8kHz and 82 kHz
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:		Ten D Cells	Ten D Cells
		Optional Rechargeable NiCd	Optional Rechargeable NiCd
Battery Life:		Alkaline - 28 to 70 hours	Alkaline - 28 to 70 hours
		NiCd - 9 to 22 hours	NiCd - 9 to 22 hours
		Continuous use depending on power and frequency selection	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)



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