

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?!



METROTECH®

see beneath the surface



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

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 | 27" L x 7" W x 9" H |
| | | (68.6 cm x 17.8 cm x 22.9 cm) | (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 | 14.25" L x 9.25" W x 5.25" H |
| | | (36.2 cm x 23.5 cm x 13.3 cm) | (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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