



# 250R/T

## UTILITY LOCATING SYSTEM

The **Subsite® 250R/T** is one of the most efficient and cost-effective methods for locating and avoiding buried telephone, CATV, power, gas, and water lines. Consisting of a 250T transmitter and 250R receiver with passive or active capabilities, this simple, lightweight system features intuitive controls, an easy-to-read display and depth estimation up to 15 feet (4.6 m). Whether you use it passively or actively, the 250R/T will help you get a handle on any situation.



### KEY FEATURES

- Display is backlit and reinforced with a scratch-resistant coating for optimal visibility day and night.
- Tones are derived from actual signals radiating from pipes or cables, so even novice users can distinguish the signal from background noise.
- Rugged design and moisture-resistant cases stand up to long-term use and tough weather conditions; housings are up to 2.5 times thicker in wearable areas than similar models.
- Designed with two-thirds fewer components than similar systems to minimize mechanical or electrical interruption and increase reliability.
- Best-in-class dynamic range helps locate even when signals are either extremely weak or extremely strong.
- Ten times more powerful than other transmitters in its class, the 250T can apply 33-kHz signals via direct connect, induction clamp or other optional accessories.



## 250R/T UTILITY LOCATING SYSTEM

Fewer components, more durable build, more power and better dynamic range than competitors make the 250R/T the smart choice for locates.

### 250R/T UTILITY LOCATING SYSTEM SPECIFICATIONS

| RECEIVER                    | U.S.   | METRIC         |
|-----------------------------|--|----------------|
| <b>DIMENSIONS</b>           |  |                |
| Height                      | 27.5 in  | 700 mm         |
| Length                      | 11.5 in  | 290 mm         |
| Width                       | 4 in   | 100 mm         |
| Weight                      | 5 lb   | 2.3 kg         |
| Dynamic range               | 146 dBa  |                |
| Operating temperature range | -4-122°F   | -20-50°C       |
| Antenna configurations      | Twin peak  |                |
| Audio output                | Speaker  |                |
| Operating modes             |  |                |
| Active line                 | 33 kHz   |                |
| Passive line                | 50 Hz or 60 Hz, no depth available                   |                |
| Beacon (locate/depth only)  | 33 kHz   |                |
| Radio                       | Passive locate, no depth available                   |                |
| Locating ranges             |  |                |
| Line                        | 15 ft  | 4.6 m          |
| Beacon                      | 10 ft  | 3 m            |
| Depth ranges, max*          |  |                |
| Active line ±5%             | 0.5-10 ft  | 0.15-3m        |
| Active line ±10%            | 10 ft and deeper                                     | 3 m and deeper |
| Beacon ±5%                  | 0.5-10 ft  | 0.15-3 m       |
| Display                     | LCD backlight  |                |
| <b>BATTERY</b>              |  |                |
| Battery type                | 6 C-cell alkaline                                    |                |
| Battery life                | Approximately 40 hours (continuous use at 70°F/21°C) |                |
| Battery saver               | Unit shuts off after 5 minutes of inactivity         |                |

| TRANSMITTER                 | U.S.  | METRIC   |
|-----------------------------|---|----------|
| <b>DIMENSIONS</b>           |   |          |
| Height                      | 9.25 in   | 235 mm   |
| Length                      | 12.25 in  | 311 mm   |
| Width                       | 4.5 in  | 114 mm   |
| Operating weight            | 5 lb  | 2.3 kg   |
| Operating temperature range | -4-122°F  | -20-50°C |
| Power output, max           | 1 watt  |          |
| Operating modes             |   |          |
| Active line                 | 33 kHz  |          |
| <b>BATTERY</b>              |   |          |
| Battery type                | 6 D-cell alkaline   |          |
| Battery life                | Approximately 150 hours (continuous use at low power level) |          |
| Battery saver               | Unit shuts off after 5 minutes of inactivity                |          |



\* Locators are calibrated to these tolerances under ideal test field conditions. Actual operating field conditions may have signal distortions or may contain noise sources which result in depth estimates accuracy that is less than specified.

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.