



# 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.



**SUBSITE**<sup>®</sup>

ELECTRONICS

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## 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	
<b>Operating modes</b>		
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	
<b>Locating ranges</b>		
Line	15 ft	4.6 m
Beacon	10 ft	3 m
<b>Depth ranges, max*</b>		
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	
<b>Operating modes</b>		
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.