



**DITCH WITCH®**

# 250R/T LOCATING SYSTEM

Get a grip on what's beneath your feet with the 250R/T system, 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 a 250R receiver with passive or active capabilities, this simple, light-weight system features intuitive controls, an easy-to-read display, and depth estimation up to 15 ft (4.6 m). The 250R/T will help you get a handle on any locating situation.



## KEY FEATURES

Simplified digital controls are arranged for easy operation.

Display is backlit and reinforced with a scratch-resistant coating for optimal visibility day, night, and well into the future.

Best-in-class dynamic range means the 250R/T can locate even when signals are extremely weak or extremely strong.

## DETAILS

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.

Tones are derived from the actual signals radiating from pipes or cables, so even novice users can distinguish the signal from background noise.

Manufactured with 2/3 fewer components than similar models; fewer mechanical and electrical connections mean greater reliability.

With 1 Watt of power, the 250T is ten times more powerful than other transmitters in its class. It can apply 33-kHz signals via direct connect, induction clamp, or other optional accessories.

Every 250R/T locating system is backed by superior quality service and support, all available from a worldwide network of Ditch Witch dealers.



## SPECIFICATIONS

## 250R/T

### 250 RECEIVER DIMENSIONS

HEIGHT  
LENGTH  
WIDTH  
WEIGHT

U.S.	METRIC
27.5 IN	700 MM
11.5 IN	290 MM
4.00 IN	100 MM
5 LB	2.3 KG

### 250 RECEIVER OPERATION

DYNAMIC RANGE  
OPERATING TEMPERATURE RANGE  
ANTENNA CONFIGURATIONS  
AUDIO OUTPUT  
OPERATING MODES  
ACTIVE LINE  
PASSIVE LINE  
BEACON (LOCATE/DEPTH ONLY)  
RADIO  
LOCATING RANGES  
LINE  
BEACON  
MAXIMUM DEPTH RANGES\*  
ACTIVE LINE  $\pm 5\%$   
ACTIVE LINE  $\pm 10\%$   
BEACON  $\pm 5\%$   
LCD BACKLIGHT

	146 DB
-4 - 122°F	-20 TO 50°C
TWIN PEAK SPEAKER	
33 KHZ	33 KHZ
50 HZ OR 60 HZ, NO DEPTH AVAILABLE	
33 KHZ	33 KHZ
PASSIVE LOCATE, NO DEPTH AVAILABLE	
15 FT	4.6 M
10 FT	3.0 M
0.5 - 10 FT	0.15 - 3.0 M
10 FT AND DEEPER	3.0 M AND DEEPER
0.5 - 10 FT	0.15 - 3.0 M
LED (GREEN)	

### 250 RECEIVER BATTERIES

TYPE  
BATTERY LIFE  
BATTERY SAVER

6 C-CELL ALKALINE  
APPROXIMATELY 40 HOURS (CONTINUOUS  
USE AT 70°F/21°C)  
UNIT SHUTS OFF AFTER 5 MINUTES OF  
INACTIVITY

### 250 TRANSMITTER DIMENSIONS

HEIGHT  
LENGTH  
WIDTH  
OPERATING WEIGHT

9.25 IN	235 MM
12.25 IN	311 MM
4.5 IN	114 MM
5 LB	2.3 KG

### 250 TRANSMITTER OPERATION

OPERATING TEMPERATURE RANGE  
MAXIMUM POWER OUTPUT  
OPERATING MODES  
ACTIVE LINE

-4 TO 122°F	-20 TO 50°C
1 WATT	1 WATT
33 KHZ	33 KHZ

### 250 TRANSMITTER BATTERIES

TYPE  
BATTERY LIFE  
BATTERY SAVER

6 D-CELL ALKALINE  
APPROXIMATELY 150 HOURS (CONTINUOUS  
USE AT LOW POWER LEVEL)  
UNIT SHUTS OFF AFTER 5 MINUTES OF  
INACTIVITY

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. \*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 RANGE THAT IS LESS THAN SPECIFIED.