

 **DITCH WITCH® ELECTRONICS**

910R/T LOCATING SYSTEM



More choices mean better results. Whether you are locating pipe, cable, or non-directional beacons, the 910R receiver allows you to select the frequencies that best suit the application. The 910T transmitter comes standard with up to three frequencies of your choice, but you can add additional frequencies if needed. Together, the Ditch Witch® 910R/T locating system helps you locate buried telephone, CATV, power, gas and water lines with the efficiency and reliability you expect from the world's leading manufacturer of electronic locating equipment.

KEY FEATURES

The Ditch Witch 910R/T system is designed to help you efficiently locate buried telephone, CATV, power, gas and water lines with a tracer wire.

The 910T transmitter comes standard with up to three frequencies of your choice; additional frequencies may be added for a small fee.

Working with the 910R receiver, the 910T transmits signals via direct line connection, induction clamp or induced broadcast signals.

The 910R/T's simplified controls help novice users quickly become proficient.

The 910R comes standard with up to four frequencies; passive frequencies are used in sweeps or in the location of buried power and CATV lines.

Durable and reliable, the 910R features peak, twin and null antennae modes, left-right arrows, and 50 hours of battery life.

The 910T's rugged case and sealed keypad are designed to stand up to the rigors of the jobsite as well as tough weather conditions.

High-visibility backlit display of the 910T is easy to see even in low-light conditions.

SPECIFICATIONS

910T TRANSMITTER

U.S.

METRIC

Height	11 in	280 mm
Length	14 in	355 mm
Width	4.2 in	107 mm
Operating weight	7.25 lb	3.3 kg
Operating temperature range	-4° F to 122° F	-20° C to 50° C
Maximum power output (locating mode)	3 Watts	
Operating modes (optional)	512 Hz, 1 kHz, 8 kHz, 29 kHz, 80 kHz	
Audio output	Speaker	
Display	Backlit LCD	
Battery type	8 D-cell alkaline	
Battery life (pipe and cable locating)	Approximately 50 hours (continuous use at power level 2 at 70° F/21° C)	
Battery saver	Unit runs continuously or shuts off after running for selected hour interval (8-hour maximum)	

910R RECEIVER

Height	27.8 in	70.5 cm
Length	12.8 in	3.5 cm
Width	5.9 in	14.5 cm
Operating weight	4.5 lb	2 kg
Operating temperature range	-4° F to 122° F	-20° C to 50° C
Audio output	Speaker	
Display	LCD backlight	
Antenna configurations	Single peak, twin peak, null, left/right	
Depth estimate tolerances*		
Active line ± 3%	0.2 ft - 5 ft	0.06 m - 1.5 m
Active line ± 10%	10 ft and deeper	3 m and deeper
Passive line ± 10%	0.5 ft - 10 ft	1.5 m - 3 m
Beacon ± 5%	0.5 ft - 10 ft	1.5 m - 3 m
Lines	15 ft	4.6 m
External ports	RS-232 serial	
Battery type	6 C-cell alkaline	
Battery life	Approximately 50 hours (continuous use at 70° F/21° C)	
Battery saver	Unit shuts off after 5 minutes of inactivity	
Operational frequencies		
Choose from four frequencies:		
Passive	50 Hz, 60 Hz, 100 Hz, 120 Hz, 50 P, 60 P	
Active	400 Hz, 512 Hz, 560 Hz, 815 Hz, 1 kHz, 8 kHz, 29 kHz, 80 kHz, 200 kHz	
Beacon (non-roll)	512 Hz, 29 kHz, 33 kHz	
Other	31 kHz CATV passive, 33 kHz EML, radio passive (no depth capability)	

*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.