



150R/T

UTILITY LOCATING SYSTEM

The **Subsite® 150R/T Utility Locating System** is an easy, affordable way to detect obstacles beneath the surface, so you can dig a posthole or footing, install a French drain, lay fiber-optic cable, or perform any number of underground construction tasks with confidence. And because you can be on the job a long time, we made the 150R/T lightweight—just over 5 lb (2.3 kg)—so it's just as easy to carry as it is to operate.



KEY FEATURES

- Receiver has only four buttons and an easy-to-read display; all locating information is at your fingertips.
- Rugged, water-resistant housings stand up to extreme jobsite conditions.
- 150R/T system comes complete with a convenient carrying bag.
- Optional beacons help you trace water, sewer or drain lines with ease.
- System weighs just over 5 lb (2.3 kg), so it's easy to carry.
- System is backed by superior quality service and support, all available from a worldwide network of Ditch Witch® dealers.
- Pre-bundled packages and color-coded components make the 150R/T system easy to buy—just pick your frequency at the time of purchase.
- Both the 150R receiver and the 150T transmitter operate using consumer C-cell alkaline batteries.



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With only four buttons and an easy-to-read display, the 150R receiver is simple-to-operate, and all the locating information is at your fingertips.

150R/T UTILITY LOCATING SYSTEM SPECIFICATIONS

RECEIVER	U.S.	METRIC
DIMENSIONS		
Height	2.37 in	60 mm
Length	12 in	305 mm
Width	4.37 in	110 mm
Weight	5 lb	2.3 kg
Operating weight	2 lb	0.91 kg
Operating temperature range	-4-122°F	-20-50°C
Antenna configurations	Peak	
Audio output	Speaker	
Recommended depth ranges*		
640 beacon in air	12 ft	3.66 m
640 beacon in cast iron	6 ft	1.83 m
30k beacon in air	12 ft	3.66 m
30k active (direct connect)	15 ft	4.57 m
83k active (direct connect)	15 ft	4.57 m
640 WS beacon		
Length	2.2 in	56 mm
Flex rod	1/4-20 UNC	
Diameter	0.75 in	19 mm
Weight	1.9 oz	52.73 g
30k conduit beacon		
Length	3.6 in	91 mm
Flex rod	1/4-20 UNC	
Diameter	0.75 in	19 mm
Weight	2.3 oz	65.2 g
640 conduit beacon		
Length	3.6 in	91 mm
Flex rod	1/4-20 UNC	
Diameter	0.75 in	19 mm
Weight	2.3 oz	65.2 g

BATTERY	
Battery type	2 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
DIMENSIONS		
Height	3.43 in	87 mm
Length	12 in	305 mm
Width	6.25 in	159 mm
Operating weight	3 lb	1.36 kg
Operating temperature range	-4-122°F	-20-50°C
Power output, max	300 mW	
Operating modes	30 kHz or 83 kHz (83 kHz U.S. only)	
Operational frequencies		
Passive	50 P (50 Hz), 50 S (150 Hz), 60 P (60 Hz), 60 S (180 Hz)	
Active	30 kHz, 83 kHz (83 kHz U.S. only)	
Beacon (non-roll)	640 kHz, 30 kHz	

BATTERY	
Battery type	
Battery life	Approximately 40 hours (continuous use at 70°F/21°C)



* 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.