LF2100 Receiver

The LF2100 adds line tracing capabilities to the already powerful and easy-to-use features of the LF2000. Locates any 512 Hz sonde in cast iron or non-metallic lines, or 16 Hz sondes in steel or ductile iron lines. Traces underground metallic lines at 4 industry standard frequencies. Either type of locating is enhanced by handle vibration feedback at key locating points. Uses 6 off-the-shelf AA alkaline batteries. Clear LCD screens (with automatic backlight compensation) guide you through the steps critical to locating both sondes and lines with accurate position as well as precise depth.

Standard unit is scaled in English measurement units and 60 Hz power, model LF2100M uses metric units and 50 Hz power.

LF2100

Specifications

Frequency ..... Sondes at 16 Hz & 512 Hz, Line trace at 8, 16, 32 & 64 kHz
Output ..... LCD screen: Index, Peak locate, Line, Sonde, Track, Power, Depth
Automatic depth detection ..... to 14 feet / 4.3 meters
Controls ..... 4-way thumb switch: Power on/off, Gain, Screen select
Speaker output ..... Variable rate click; headphone jack. Sound can be muted.
Power source ..... 6 AA Alkaline
Battery life ..... 30-40 hours (depends on backlight usage)
Operating temperature ..... -20 to +130° F / -29 to +54° C
Weight ..... 6 lbs. / 2.7 kg
Size ..... 32" x 8" x 4-1/4" / 81 cm x 20 cm x 11 cm

Mode	Frequency	Locating Depth	
		Good Conditions	Poor Conditions
Sonde	512 Hz	14 ft / 4.3 m	10 ft / 3 m
Sonde	16 Hz	14 ft / 4.3 m	10 ft / 3 m
Trace	64 kHz	10 ft / 3 m	8 ft / 2.4 m
Trace	32 kHz	10 ft / 3 m	8 ft / 2.4 m
Trace	16 kHz	10 ft / 3 m	8 ft / 2.4 m
Trace	8 kHz	10 ft / 3 m	8 ft / 2.4 m
Passive	60 Hz/50 Hz	8 ft / 2.4 m	6 ft / 1.8 m

Locate Accuracy: 5% of depth, depending on depth
Depth Accuracy: 5% of depth with undistorted signal, with no adjacent signals, up to 14 ft / 4.3 m
Depth Range: Line - up to 10 ft / 3 m at 5% depth accuracy
up to 14 ft / 4.3 m at 10% depth accuracy
Sonde - up to 60 ft / 18.3 m (with FV-40)

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