

# Reading Line Tracer

## For Finding The Route of Underground Utility Lines



- Instant target response
- Easy pinpointing
- One knob turns on and adjusts volume
- One button for depth in inches or cm

- Trace pipes and cables with digital accuracy
- Audio and visual response for left-right direction guidance
- Push-button for depth readout
- Automatic gain control
- Digital signal strength
- Inductive or conductive tracing
- Splashproof
- Rugged

### SPECIFICATIONS

#### RECEIVER

<b>Sensitivity Control</b>	Automatic (AGC)
<b>Dynamic Range</b>	110dB
<b>Depth Readout Range</b>	to 16ft. (488cm.)
<b>Readout Units</b>	inches or cm (specify)
<b>Depth Accuracy</b>	± 8% under normal conditions
<b>Trace Accuracy</b>	± 1 inch to 4ft. depth ± 2% over 4ft.
<b>Audio Output</b>	Continuous/pulse VCO output through speaker or optional headphones
<b>Visual Display</b>	LCD provides left/right directional information, signal strength readout (numeric and bar-graph), and depth in inches or cm (specify)
<b>Batteries</b>	Six alkaline C cells
<b>Battery Life</b>	60-80 hrs. continuous
<b>Battery Test</b>	Automatic (low battery warning on LCD)

#### TRANSMITTER

<b>Frequency</b>	82.175kHz ± 0.001%
<b>Output Power</b>	500mW: 10Ω to 3kΩ load 500mW: 200Ω to 1kΩ load
<b>Batteries</b>	Two 6V lantern batteries Eveready (no. 509)
<b>Battery Life</b>	25-35 hrs. continuous
<b>Operating Temperature</b>	-4 to + 140°F (-20 to + 60C)

Catalog No.	Model	Description
FI770	TW7700	Digital Reading Line Tracer with hard carrying case holding transmitter receiver, and ground plate/ground rod assembly (Please specify inches or cm display)
FI799	—	Instructional Video for use of TW770
FI13	203400	Coupling clamp
FI09	972095	Headphones