

# 8810 Pathfinder Series Locator

Rycom Instruments® makes utility locating as accurate as you need, as simple as you want.

- Active frequency 82 kHz allow accurate tracing on poor conductors and in induction instances
- Push button depth
- Powerful 1 watt tracing signal is reliable for direct connection, transmitter and coupled induction
- Backlit digital display for low-light reading
- Weather proof membrane buttons
- Push button depth
- Made in the U.S.A.

The 8810 Pathfinder pipe and cable locator is the ideal locator for hard to locate pipes and when induction is a common method of signal application. The high 82kHz frequency ensures adequate signal is applied to buried utilities in any environment.

The simple user interface makes the unit easy to operate. The quick response and intuitive operations of the 8810 Pathfinder takes the hassle out of deploying locate equipment to large work crews

Transmitter functions include a powerful transmitter induction and automatic impedance matching when using direct connection. Whether using direct connection, induction mode, or coupler induction the 8810 Pathfinder is ideal for all three methods of signal application.

The ergonomically designed and balanced 8810 Pathfinder receiver provides push-button depth up to 15 feet. Audible proximity cues to the tracing signal are given to the user through a peak response, while the backlit digital display provides both relative and actual signal strength.

Conduits, pipes, pinches and blockages can be located using the optional Sonde accessory. Operating on 82 kHz, Rycom Instruments Sondes are pushed into non-pressurized conduits and pipes until they reach the point of pinch or blockage. Traceable 20 feet in the air and 10 feet in cast iron, the 8810 Pathfinder receiver will identify the precise location of the line blockage.

Rycom Instruments®, Inc. locators are designed and manufactured to make utility locating as accurate as you need and as simple as you want. For more information on the 8810 Pathfinder, or any other Rycom Instruments® product, please call us toll free at 1-800-851-7347 or visit us online at [www.rycominstruments.com](http://www.rycominstruments.com).



Each 8810 Cable, Pipe, and Fault Locator comes complete with a 1 watt transmitter, multi-function digital receiver, red/black test leads, ground rod, batteries, manual, locating basics video, and carrying cases.

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[www.rycominstruments.com](http://www.rycominstruments.com)

**Accurate Utility Locating Made Simple**

# 8810 Pathfinder Specifications

## Transmitter

**Tone Frequency:** 82 kHz

**Hook-up Connection:** Direct connection, transmitter inductive coupling, coupled induction

**Load Matching:** Automatic from 5 ohms to 2000 ohms

**Output Power:**

Frequency	Normal	High
82 kHz	.5 W	1.0 W

**Max Open Circuit Voltage:** 30 V PK-PK AC

**Operating Temperature:** -4° F to +133° F (-20° C to +55° C)

**Power Source:** 8 "C" batteries

**Battery Life:** Greater than 36 hours

**Size:** Transmitter 8.5" x 5.8" x 2.5" (21 cm x 15 cm x 6 cm)

**Weight:** 2.2 lbs (1 kg)

## Receiver

**Operating Frequency:** 82 kHz,

**Antenna Mode:** Peak,

**Display Indicators:** Backlit LCD bar graph, low battery, signal strength, mode and function indicators

**Audio Indication:** Variable pitch response

**Power Source:** Disposable: 6 "C" batteries

**Battery Life:** Continuous: 40 hours intermittent: 82 hours

**Signal Strength:** LCD bar graph, absolute signal strength readout

**Gain Control:** Up/down for automatic centering and manual

**Dynamic Range:** 126 dB

**Depth Measurement:** Push-button readout to 15 feet or manual triangulation method

**Operating Temperature:** -4° F to +133° F (-20° C to +55° C)

**Size:** 30.3" x 9.4" (77 cm x 24 cm)

**Weight:** 3 lbs (1.36 kg)



**WARRANTY:** One-year warranty from date of delivery against defects in material and workmanship (EXCEPT BATTERIES) on all instruments. This warranty is void if, after having received the instrument in good condition, it is subjected to abuse, unauthorized alteration or casual repair. We will repair or replace products that prove to be defective during warranty period. NO OTHER WARRANTY IS EXPRESSED OR IMPLIED. THE WARRANTY DESCRIBED IN THIS PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. WE ARE NOT LIABLE FOR CONSEQUENTIAL DAMAGES. **Terms:** Net 30 days, Missouri sales tax charged where applicable. **Shipping & Delivery:** All orders are FOB Raytown, MO. Specifications subject to change without prior notice.

RYCOM Instruments®, Inc. is a leading manufacturer and global supplier of cable, pipe and fault locating equipment. Established in 1946, RYCOM Instruments® Inc. maintains a highly capable production facility and engineering department. Our guarantee is to deliver our customers a superior product and the locating equipment they need.

RYCOM Instruments®, Inc. locating devices are designed and manufactured to make utility locating as accurate as you need, and as simple as you want.

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