

MAVERICK

"Tile Finder"

The **MAVERICK** tile finding system consist of a transmitter, receiver and a composite rod with a copper charge wire insert for locating the route of underground non metallic HDPE ducts, plastic pipes or clay tile of 2" dia or higher. Ideal for maintenance and repair of field tile networks.

The transmitter and receiver are programmed with an 82kHz, 512Khz and 60 cycle passive frequency which can be used to locate all types of utilities, including phone, cable, gas, electric, gas & water. The base frame contains a terminal box that provides a connection to a 3/8" diameter composite rod with a built in copper wire. At a length of 650ft the rod is rigid yet flexible enough to guide into non metallic and metallic pipes that are over 1" in diameter.

The tile finder is very simple to use. After inserting the composite rod into the pipe which is to be route traced, apply signal from the direct connection lead of the transmitter to the terminal and connect the other lead of the transmitter to an earth stake, which then excites the full length of the rod to enable trace of the buried pipe. Turn on your receiver, listen for tone and begin marking your path.



Features

2 active frequencies, 82kHz & 512Hz for line locating phone, water, gas, electric etc...

Male thread rod end tip to allow a added accessories to be attached

Compact & easy to transport in a large or small transport vehicles

Added 512Hz allows for sonde or camera locating

Enables very rapid route tracing of buried pipes

Passive 60 cycle allows for live power locating

Weather proof membrane buttons

Powerful 1 watt transmitter

Simple to use interface

Push button depth

Backlit Display

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Transmitter

Tone Frequency: 82 kHz, 512Hz, 60 Cycle 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, 512Hz .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"x5.8"x2.5" (21cm x 15cm x 6cm)
Weight: 2.2lbs (1kg)

Receiver

Operating Frequency: 82 kHz, 512Hz, 50/60 Hz
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 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: 3lbs (1.36kg)

Price (Inc. Receiver & Hard Case)..... \$2200

Reel

Length : 200m/650ft
Dimension : 33"x20"x37"
Rod Diameter: 9.0mm (Nominal)
Size of Copper Wire Diameter: 1mm Diameter

Hard Case

Exterior Dimension : 43"L x 18 5/16"W x 7"D
Insulation: Die-Cut

Price (Reel Only)..... \$1700

Price (Hard Case Only)..... \$250

COMPLETE SYSTEM.....\$3900

HEARTLAND

CONSTRUCTION EQUIPMENT

102 N. MARSHALL ST. SLATER, IOWA 50244

TOLL FREE: (800) 685-2818 FAX: (515) 685-3113

EMAIL: HEARTLAND@HCEWEB.COM

WARRANTY: One-year warranty from date of delivery against defects in material and workmanship (EXCEPT BATTERIES, HARD CASE, CABLE & REEL) 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.
Iowa sales tax charged where applicable. Shipping & Delivery: All orders are FOB Slater, Iowa. Specifications subject to change without prior notice.