

SnapTRACK<sup>HPTX</sup>



**RYCOM**  
instruments, inc.



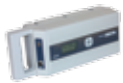
# SnapTRACK HPTX

## SnapTRACK HPTX Kit

PART NUMBER 001 00900 00



**SnapTRACK RECEIVER**  
Precision locating receiver offering multiple active & passive frequencies, multiple locate modes, constant depth readout and current measurement.



**SnapTRACK TRANSMITTER**  
10-watt transmitter capable of direct connection, transmitter induction and coupler induction. Standard with lithium ion rechargeable batteries and interchangeable d-cell tray.



**DIRECT CONNECTION CORD**  
Direct connection lead clips, each with 15 foot of reach.



**GROUND ROD**  
Ground rod for near end independent ground



**PROTECTIVE CARRYING CASE**  
A heavily padded protective case for equipment during transport and use.



**BATTERIES**  
Li-Ion battery packs for both the transmitter and receiver.



**AC & DC BATTERY CHARGERS**  
Battery chargers for use in ac wall outlet as well as a dc charger for use in a cars 12 volt auxiliary



**MANUAL**  
Operations manual

## COMMON OPTIONAL ACCESSORIES



**INDUCTIVE COUPLER 4" I.D.** P# 100-00398-00  
4" I.D. inductive coupler used to apply signal on live cables when direct connection is not possible. Operational frequency range 8kHz to 82kHz.



**STAFF A-FRAME** P# 001-00487-00  
Stand alone a-frame works independently from the receiver. This directional ground fault detector pinpoints core-to-ground faults and sheath-to-ground faults.



**INDUCTIVE FLEXI-COUPLER 7" I.D.** P# 100-00245-00  
Flexible coupler with 7" I.D. applies signal on cables when direct connection is not possible.



**SONDE [AVAILABLE IN 512Hz, 640Hz, 815Hz, 8kHz & 33kHz]** P# 100-00281-01  
Self contained signal transmitter with 25 foot range used in conduits and pipes to track path and pinpoint blockages.

## SIMPLE, ACCURATE AND AFFORDABLE

Simple, accurate and affordable, the Snap**TRACK**<sup>HPTX</sup> Locating System will meet the demands of any locate task. This locator is designed for the locating professional, but it is simple enough to be used by anyone needing to locate.

Engineered with RYCOM's signature Pathfinder SAF Technology™, the Snap**TRACK**<sup>HPTX</sup> Locating System is adaptable. Frequencies and operational modes may be added or deleted on demand to suit the user's locating needs.

Our innovative PathLink™ technology\* creates a remote link between the transmitter and receiver. Users can control the transmitter's output power and frequency right from the hand-held receiver, eliminating the back and forth walking between devices. (\*optional)

A large, high-contrast LCD offers clearly visible signal response in any lighting. Automatic depth, automatic current, and proximal directional arrows are readable in the brightest sunshine or backlit for viewing in dimmer conditions.

Whether the locate is measured in feet or miles, 10 watts of power and automatic impedance matching from 5 ohms to 25,000 ohms, ensures adequate signal. The Snap**TRACK**<sup>HPTX</sup> Locating System is a must have for anyone needing a simple and accurate locator.

## FEATURES

- Three button keypad simplifies the user interface.
- 8 Locating Modes: the multi-channel processor allows for simultaneous field detection from a multiple antenna array ensuring accuracy
- Customizable frequencies and operational modes
- Automatic Impedance Matching Technology: Maximizes your transmission range while minimizing power consumption
- PathLink™ Technology: remotely controls your transmitter from the receiver to more than 400 yards
- High-Contrast LCD Interface with Backlight: Guides the operator to the target location by providing all relevant data including continuous depth, current measurement, signal strength, and directional arrows.
- Constant Depth & Current Measurement: Real time updates on line depth and signal condition
- 4-year warranty: Product registration extends warranty to 4 years.
- Made in the USA since 1946: Engineered in our Raytown, MO headquarters for more than 70 years.



## RECEIVER SPECIFICATIONS

Available Operating Frequencies.....	131 Khz, 82.315 kHz, 65.536 kHz, 32.768 kHz, 8.192 kHz, 4.010 kHz, 815 Hz, 797 Hz, 640 Hz & 512 Hz Sonde: 640Hz, 512Hz, 815Hz, 8.192 kHz & 32.768kHz Passive: Power modes 50 <sup>env</sup> & 60 <sup>env</sup> , LiveSound™; Radio Frequency; Rectified CP 50Hz & Rectified CP 60Hz
Antenna Mode .....	Simultaneous peak/null (dual horizontal antennas & vertical antenna), pin-point peak (dual horizontal antennas), directional guidance, peak (single horizontal antenna) & null (single vertical antenna).
Display Indicators .....	Backlit segmented LCD bar graph, battery condition, continuous mode signal strength, depth measurement, line orientation, left/right line guidance, operating mode, volume level & function indicators
Audio Indication .....	Variable pitch & LiveSound. 4 volume selections including mute.
Current Measurement .....	Display indicates relative current
Power Source .....	6 "C" cell batteries or Lithium Ion
Battery Life .....	Continuous: 30 hours intermittent: 82 hours
Signal Strength .....	LCD bar graph, absolute signal strength 0-999
Gain Control .....	Left/Right Guidance Mode: Automatic All other locate modes: Manual gain adjustment & automatic centering
Dynamic Range .....	126 dB
Depth Measurement .....	DIGITAL: 3 digit LCD readout of push-button measurement (1 inch - 30 feet) (.02m-10.6m) with accuracy > 5% of depth. MANUAL: 45° triangulation method
Operating Temperature .....	-4° F to +133° F (-20° C to +55° C)
Ingress Protection Rating .....	IP65
Dimensions .....	30.3" x 9.4" (77 cm x 24 cm)
Weight .....	Rechargeable: 4.2 lbs (1.9 kg); C-cell: 4.2 lbs (1.9 kg)

## TRANSMITTER SPECIFICATIONS

Available Operating Frequencies.....	131 Khz, 82.315 kHz, 65.536 kHz, 32.768 kHz, 8.192 kHz, 4.010 kHz, 815 Hz, 797 Hz, 640 Hz & 512 Hz
Indicators .....	AC load assistance measurement, relative ohms, voltage, live voltage output, current output, power level, frequency, mode, battery indication alert, low battery indicator audio/visual with modulated low battery warning transmitted to receiver.
Load Matching .....	Automatic from 5 ohms to 25,000 Ω
Output Power .....	10 power settings Low & Medium Frequency Range: 0.2w to 10w High Frequencies (above 44kHz) : 0.2 to 1w
Power Source .....	Rechargeable: 10.8 V, 10 amp-hour maintenance free Lithium Ion Battery Non-Rechargeable: 12 "D" cell batteries
Battery Life .....	Continuous: 8-20 hours (dependant on load, frequency, power setting) Intermittent: 40-60 hours
Operating Temperature.....	-4° F to 133° F (-20° C to 55° C)
Ingress Protection Rating .....	IP65
Dimensions .....	16" x 6.32" x 6" (41 cm x 16 cm x 15 cm)
Weight .....	Rechargeable: 6 lbs (2.7 kg); D-cell: 8 lbs (3.6 kg)

**WARRANTY** ..... 48 Month (4 Years) Warranty when registered at <http://www.rycominstruments.com/extended.html> within 1 month of date of purchase. 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.

**Country of Origin** ..... United States of America

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