

## **The Stick** PLS Cable & Pipe Locator

Powered By RYCOM Instruments, Inc<sup>®</sup> Pathfinder SAF Technology<sup>™</sup>

Built with Pathfinder SAF Technology<sup>™</sup> at its core, **The Stick** offers RYCOM's most sophisticated technology in an economical package. Pathfinder SAF Technology<sup>™</sup> is the heart of our premium locators, now RYCOM is applying this proven technology throughout the entire product line. From crowded easements, to long runs of pipe, to the most demanding of locating environments, users can depend on **The Stick**. Dependability is not only driven by the internal technology, but **The Stick** is built to last with an aluminum housing and sealed against weather. The ruggedly designed and well balanced receiver includes an LCD screen providing relative and actual signal strength, as well as a speaker for variable audio pitch. A peaking signal response allows the user to minimize interference and maintain the locate on the target conductor. **The Stick** cable and pipe locator offers two active frequencies – 8 kHz and 82 kHz – ensuring flexibility to match the needs of the most complicated locating environments. Transmitter functions include transmitter induction, coupler induction and direct connection. Whether the locate is measured in feet or miles, with automatic impedance matching from 5 ohm to 25,000 ohms, **The Stick** will meet the challenge. Rycom Instruments<sup>®</sup>, 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 **The Stick**, or any other Rycom Instruments<sup>®</sup> product, please call us toll free at 1-800-851-7347, or visit us online at [www.rycominstruments.com](http://www.rycominstruments.com).



# The Stick PLS Cable & Pipe Locator

Powered By RYCOM Instruments' Pathfinder SAF Technology™



## SPECIFICATIONS

### RECEIVER

Operating Frequency:  
82 kHz & 8 kHz

Antenna Mode:  
Peak

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

Audio Indication:  
Variable pitch response

Power Source:  
6 "AA" cell batteries

Battery Life:  
Continuous: 40 hours  
Intermittent: 82 hours

Signal Strength:  
LCD bar graph  
Absolute signal strength 0-99

Gain Control:  
Manual gain adjustment

Dynamic Range:  
126 dB

Depth Measurement:  
Triangulation method

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

Size:  
33.3" x 3.4" (77 cm x 24 cm)

Weight:  
3 lbs (1.3 kg)

### TRANSMITTER

Operating Frequencies:  
82 kHz & 8 kHz

Indicators:  
AC load assistance measure-  
ment, low battery  
indicator with modulated low  
battery warning

Load Matching:  
Automatic from 5 ohms to  
25,000 ohms

Output Power:  

Low	Medium	High
0.2W	0.6W	1.0W

Power Source:  
8 "C" cell batteries

Battery Life:  
(dependant on load, frequency,  
power setting)  
Continuous, 8-15 hours  
Intermittent, 40-60 hours

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

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

Weight:  
2.2 lbs (1 kg)

## STICK KIT & ACCESSORIES



**STICK RECEIVER**  
2 frequency receiver with digital display



**PLS TRANSMITTER**  
1 watt transmitter with disposable C-cell batteries capable of direct connection, transmitter induction and coupler induction



**DIRECT CONNECTION CORD**  
Direct connection cords with 20ft reach



**GROUND ROD**  
Ground rod for independent ground



**CARRYING CASE**  
Padded cases for transmitter and receiver



**MANUAL & DVD**  
Operations manual and Locator Theory DVD.



**BATTERIES**  
Six AA-cell batteries and 8 C-cell batteries included for immediate use.

## OPTIONAL ACCESSORIES



**INDUCTIVE COUPLER 4" I.D.**  
4" I.D. inductive coupler used to apply signal on live cables when direct connection is not possible. Available in 82kHz.



**INDUCTIVE COUPLER 3" I.D.**  
3" I.D. 82kHz coupler to apply signal when direct connection is not possible



**INDUCTIVE FLEXI-COUPLER 3" I.D.**  
82kHz Flexible coupler with 3" I.D. applies signal on cables when direct connection is not possible.



**SONDE**  
Self contained signal transmitter can be used in non-pressurized conduits and pipes to track path and pinpoint blockages.



**GROUND CONNECTION EXTENSION KIT**  
Two 15ft cords and ground rods for reaching desired grounding location

### Melco Buda d.o.o.

- kancelarija u Beogradu: Hadži Nikole Živkovic a br.2  
Poslovna zgrada Iskra komerc, kancelarija 15/ II sprat  
tel: 011/ 2181 609, tel/faks: 011/ 3286 445

e mail: [office-beograd@melcobuda.co.rs](mailto:office-beograd@melcobuda.co.rs) , [budimir.melcobuda@gmail.com](mailto:budimir.melcobuda@gmail.com)  
[www.kyoritsu-instrumenti.com](http://www.kyoritsu-instrumenti.com) , [www.termovizija.com](http://www.termovizija.com) , [www.melcobuda.co.rs](http://www.melcobuda.co.rs)

- kancelarija u Despotovcu: Saveza Boraca br.7, 35213 Despotovac, Srbija  
tel:035/612 916, faks:035/613 319, mob. 063/8003370  
e mail: [office@kyoritsu-instrumenti.com](mailto:office@kyoritsu-instrumenti.com)

- Germany address: Quer strasse 18 Offenbach