

PROFESSIONAL LOCATOR

PathFinder PRO+ MAP v4 HPTX 12 Watt

Performance, quality, value for money and now with mapping abilities

Rycom have been manufacturing locators for over 70 years and have grown to develop competitive products in the locating market. Through important customer feedback and with Access Detections extensive knowledge of the industry in Australia, Rycom have produced the new PathFinder PRO+ v4 with the ability to map services easily using and optional RTK GNSS antenna.

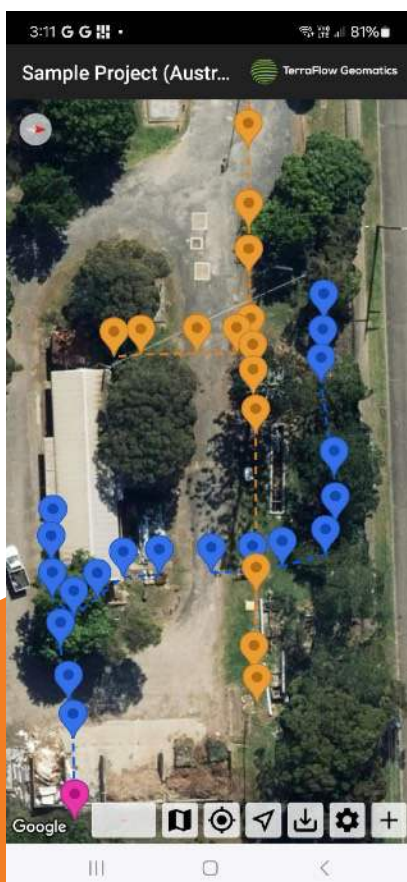


Mapping is now part of the Pathfinders growing abilities when used with Pathcom and GPS/GNSS antenna. Being able to locate and mark services easily via digital formats helps locating companies, government departments and your customers. Benefits include, reduced planning costs, less asset strikes by having reliable accurate maps to work from. This also further reduces costs when locating in future projects.

PATHCOM uses quality RTK GPS/GNSS receivers, like the Trimble DA2 or EMLID RX

Having the flexibility to use different brands of GNSS antenna and the ability to remove the antenna for other mapping applications, is the smartest approach when purchasing a mapping locator. Rycom have designed a solid mounting system for this purpose.

When used with mapping programs like TerraFlow Utility Mapper, Geolantis 360 and PointMan the Pathfinder, PATHCOM makes marking services simple and easy with the ability to output these marks to GIS service like ArcGIS earth, further adding to its flexibility.



RYCOM
instruments, inc.

The new version 4 (v4) has further improved with the addition of PATHCOM to allow connection with bluetooth GPS/GNSS antenna systems. This along with the proven matched antenna system and fast processors providing the user with responsive, accurate and reliable locates.

PEAK MODE + GUIDANCE

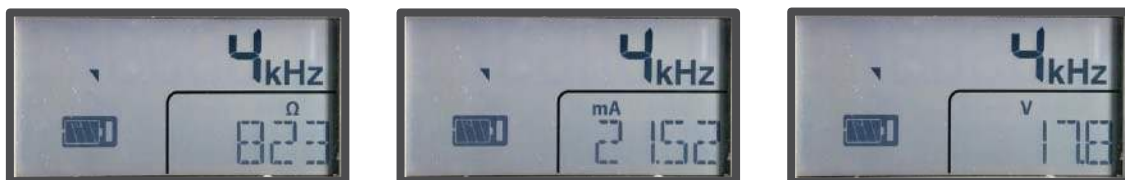
PEAK + Mode is a traditional locate mode with the addition of the left right guidance arrows. This speeds up locates and assist in determining signal quality or field distortion when locating. With the selection of Broad PEAK for deeper or weaker signals, Pin Point PEAK for faster response over services and NULL modes to confirm field distortion manually when tracing. Having all these modes available to the user gives ultimate flexibility in demanding locates while giving the ability to simplify setup for novice or new locators. Realtime depth and current measurement are displayed on the screen to



The 12 watt transmitter has 20+ frequencies available and now comes standard with PathLink. PathLink allows operation of frequency selection and power output from your receiver to the transmitter. Standard lithium ion battery packs eliminate the need to replace expensive batteries which is good for the environment. The high current transmitter ensures good signals on demanding services.

DIRECT CONNECTION MODE

One of the four modes available to the operator. With the inbuilt display important information including resistance (Ω), current (mA) and Voltage (V) output are displayed so operators can make informed decisions in selecting the correct frequency for the job. Whether working on a demanding trunk main or difficult telco lead-in the Pathfinder Transmitter has you covered.



Specifications

The PathFinder PRO+ standard modes are peak, null with left right arrows and sonde. But an operator has the flexibility to add or remove modes along with frequencies depending on company requirements or skills of the operator.

The PathFinder PRO+ has a standard 4 year warranty and 3 year calibration period. Which means less downtime and more peace of mind that your locator will continue to operate accurately and efficiently for years.

Receiver locate modes

-  **Peak**
-  **Peak + Left Right Arrows**
-  **Null**
-  **Null + Left Right Arrows**
-  **Broad Peak**
-  **Broad Peak + Left Right Arrows**
-  **Sonde**
-  **Left Right Guidance Mode (Auto Gain)**

Other receiver modes

- EXT** External Accessory
- DFF** Digital Frequency Flow
- CD** Current Direction
- VRB** Vibration alert

Receiver specifications

- Depth accuracy $\pm 5\%$ *
- Antenna system 4 x antenna's
- IP rating IP65 **
- Sensitivity 126dB
- Limited 4 year warranty
- Battery Lithium-ion
- Real time depth & current
- Accessory & headphone ports
- Charge port on receiver

Receiver frequencies



Line frequencies

797 Hz DFF, 815Hz, 4kHz, 8kHz, 33kHz, 65kHz, 82kHz, 131kHz, 200kHz, 478 kHz, *

* other line frequencies activated by sub menu

Passive frequencies

50Hz*, 150, 250, 350 & 450 Passive power harmonics
RF (radio)*, WIDE RF (radio), CPS 100Hz,
* passive modes with live sound on 50hz and RF frequencies



Sonde frequencies

512Hz, 640Hz, 8 kHz, 33kHz, *

* other sonde frequencies activated by sub menu

Transmitter frequencies

815Hz, 4kHz, 8 kHz, 33kHz, 65kHz, 82kHz, 131kHz, 200 kHz, 478 kHz *

* other transmitter frequencies activated by sub menu. Fault find Mode also available

Transmitter Modes

- Direct connect all frequencies with resistance, current measurement & voltage output
- Induction clamp 8kHz & above
- Transmitter induction 33kHz & above
- DFF & A frame fault locate mode

Transmitter Specifications

- High power 10watt output
- 10.8volt 84WH lithium-ion battery up to 60 hours use
- Load matching 5-25,000 ohms
- Operating temperature -20 to +55
- IP rating IP65 **
- Limited 4 year warranty
- Charge port
- Dimensions 41 x 16 x 15cm
- Weight 2.7 kg
- On Clean EM field
- ** With rubber cap connected

Standard Accessories

With standard accessories and a wide range of options the PathFinder PRO+ offers a flexible platform for all types of industries.



Pathfinder PRO+ PATHCOM Receiver and GPS Mount

- High Performance locator
- 9 locate modes
- PathLink Standard
- Telstra & DBYD compliant



PathFinder PRO+ Transmitter

- Powerful 12 watt transmitter
- Wide range of frequencies
- Inbuilt Induction antenna



Direct connect leads kit with Magnet & 100 mm induction clamp

- Separate Carry bag & ac/dc charger (not shown)

Optional Accessories



Live plug connector

Allows safe connection from your Pathfinder PRO+ transmitter to any low voltage power systems via a standard GPO



Sonde Range

-**Midi sonde** - small compact & powerful, designed for smaller conduits
-**Maxi sonde** – powerful for deep sewer locations



ClampMitter v2.0

Innovative clamp with built in transmitter 5+ watts power output three frequencies APP controls the clamp from your phone available in 50mm, 100mm, 165mm versions



Hard carry case

A strong and slim designed hardcase that can house both the transmitter and receiver along with the standard accessories



Fault locate a-frame

Use with the PathFinder PRO+ transmitter to locate ground faults on cable networks



Small Accessory Antenna

Ideal for locating services in confined areas e.g. water pipes in bathrooms



Submersible Antenna

Fully submersible antenna ideal for underwater service location



DFF.CD Rx & Tx Clamp

Ideal product to locate target service in heavily congested areas



RTK GPS/GNSS Antenna & Phone Mount Kits

Quality GPS antennas compatible with the Pathfinder PRO+ MAP along with phone mount kits



Scan the QR code for further information
or Contact Access Detection
Phone: 02 9999 0777 or
Email: sales@accessdetection.com.au

ACCESSDETECTION

SOLUTIONS TO YOUR UTILITY PROBLEMS

Training and certification the key to becoming a better locator



Training is one of the most important aspects of purchasing a pipe & cable locator. Access Detection have certified trainers who are active in the industry. We offer a thorough introductory training course when you purchase a system from our Pathfinder PRO range. This includes both theory and practical sessions. This is just the first step to locating more accurately and more confidently. You also have the option to do the full 1 day course which is very practically orientated so your operators get a complete understanding of the locator.

Once the ½ day or 1 day course has been completed we recommend building your skills on what you have learnt through continued practice. Once you have the confidence level and are proficient with your machine, we recommend the two day industry certified course through NULCA. This will get you closer to becoming DBYD certified if you wish to go down this path. Contact us to help guide you through the process of becoming a better locator and getting the best form your new EMF locator supplied by us.

Contact Access Detection or our specialised dealers for the latest pricing
Phone on 02 9999 0777 or email us at sales@accessdetection.com.au

