

**MARPORT**  
**TE**  
**EXPLORER**

— **Marport's Trawl Explorer is your eye on the fishing gear.**



Marport's Trawl Explorer is your eye on the fishing gear, a sounder with a heavyweight suite of capabilities placed on your trawl's headline sending a wealth of information to the wheelhouse. This starts with an echogram of the trawl opening and fish passing into the gear, as well as

depth, temperature and distance to the seabed or footrope, plus a visual representation of the footrope to seabed clearance if the gear is towed off the bottom.

**Technical Specifications**

|                         |   |
|-------------------------|---|
| Jlink Frequency         | <b>30 to 60 kHz</b>                         |
| Jlink Beamwidth         | <b>70°</b>                                  |
| Range to Vessel         | <b>2500 m</b>                               |
| Depth range             | <b>1600 m</b>                               |
| Pitch & Roll (Angle)    | <b>±90°</b>                                 |
| Pitch & Roll (Accuracy) | <b>0.1°</b>                                 |
| Depth Resolution        | <b>0.1m with 0.1% accuracy</b>              |
| Update Rate             | <b>DEPTH: 3–8 sec.<br/>/TEMP: 3–16 sec.</b> |
| DEPTH range             | <b>300/600/1200/1800 m</b>                  |

|                        |  |
|------------------------|--|
| Temp Measurement Range | <b>-5°C to +25°C</b>                                   |
| Temp Accuracy          | <b>±0.1°C</b>  |
| Battery Type           | <b>Lithium-Ion</b>                                     |
| Typical Battery Life   | <b>Up to 500 hours*</b>                                |
| Charging Time          | <b>Standard: 8–12 hours**<br/>Fast Charge: 4 hours</b> |
| Weight in Air          | <b>16 kg</b>   |
| Weight In Water        | <b>4.1 kg</b>  |
| Warranty               | <b>2 years (Sensor &amp; Battery) †</b>                |

\*Reference Only. Depends on functions enabled. Battery life may be extended using low power settings.  
\*\*Based on average charging time. Refer to the Battery Chargers Quick Reference Guide for further information.  
† Marport Standard Marine Limited Warranty

**Product list**

| Product number  | Description  |
|-----------------|--|
| <b>TE-075-W</b> | <b>A1 TE075 DSO echo w/P&amp;R Temp., Depth and VBAT</b> |
| <b>TE-155-W</b> | <b>A1 TE155 UDS echo w/P&amp;R Temp., Depth and VBAT</b> |

The Trawl Explorer has a host of features for a variety of operating modes, and is a dual frequency unit. This allows the beamwidth to be selected from wide to narrow along with the most suitable of several sounding modes to suit the conditions.

Additional options are for a pitch and roll function to provide a realistic pre-presentation of the gear's behaviour while trawling, and the Trawl Explorer can be fully programmed on board. Fully comparable with Furuno's CN-24 series displays, it can be a direct replacement for a CN-24 head-line sounder.

**In action**

Clear echo view from the headrope or tunnel

Pitch&Roll built in

Depth&Temperature included

