**FEATURES of FAR-15x8 series**

- **Fast Target Tracking™ (TT)**
  - It only takes a few seconds after a target has been selected, that a speed and course vector is displayed.
  - With accurate tracking information, estimation of other vessels' course and speed is made easier.

- **Customizable data display for efficient and simple operation**
  - You can view a close up of a point of interest, enlarged two or three times. Enlarge incoming targets for increased situational awareness. Echo trails can also be displayed in order to further enhance situational awareness in busy shipping lanes.

- **Automatic Clutter Elimination (ACE) for unprecedented echo clarity**
  - The system automatically adjusts clutter reduction filters and gain control according to the sea and weather conditions selected by the user (calm/rough seaward condition).

**Data display**
- Whether it be a close up of approaching targets or target information, you can customize the display to show the information you need at hand.
- Up to four TT targets can be displayed as well as two AIS targets, complete with information.

**Close up display (Zoom function)**
- You can view a close up of a point of interest, enlarged two or three times. Enlarge incoming targets for increased situational awareness. Echo trails can also be displayed in order to further enhance situational awareness in busy shipping lanes.

**NEW**
- Customizable data display for efficient and simple operation
- Fast Target Tracking™ (TT)
- Automatic Clutter Elimination (ACE) for unprecedented echo clarity

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Havant, Hampshire, U.K.
Excellent target detection, improved user interface, made possible with the very latest technologies.

- **High performance Radar with Cat.2 (500-10,000GT) and Cat.3 (<500GT) support.**
- **Accurately tracks other vessels with advanced Target Tracking (TT) function for collision avoidance.**
- **Improved sea and rain clutter suppression function.**
- **Improved user interface for simple and efficient operation.**
- **Easy to operate control unit.**

### Specifications

#### Radar

**Product Name:** FAR-15x8 series

- **Easy to operate control unit with the very latest technologies**
- **Improved user interface, made possible with the very latest technologies**
- **Excellent target detection, mouse, can also be used.**
- **Trackball unit, as well as a regular USB**

#### Marine Radar

- **Type:** FAR-1528/1528-BB, FAR-1518/1518-BB
- **Output Power:** X-band, 25 kW, TR up
- **Gain:**
  - **XN20/24AF**
  - **XN12AF**
- **IF Frequency:**
  - **Range, Pulse length and Pulse Repetition Rate**
  - **Bearing accuracy**
  - **Range accuracy**
  - **Range discrimination**
  - **Minimum range**

#### Performance Monitor PM-32A

- **Bearing range:** 0 to 5000 points
- **Cursor, Radar ring, Heading mark, North mark, Bearing line, Vector,**
- **Head-up, STAB Head-up, North-up (TM/RM), Course-up, Stern-up**

#### Processor Unit

- **Number of ports on processor unit and Multi-Function (Optional)**
- **Power Supply:** 440 VAC, 1 phase, 50/60Hz
- **Transformer (RU-1803, option)**
- **Rectifier (RU-1746B-2/RU-3424, option)**

#### Antenna Unit

- **Number of ports on processor unit**
- **Degree of protection:**
  - **Control Unit:** IP20 (IP22: option)
  - **Processor Unit:** IP56
  - **Antenna Unit:** Degree of protection
- **Relative humidity:**
  - **Marine display:** -25°C to +55°C (storage: +70°C or less)
  - **Other units:** 85% or less at +40°C

### Environmental Conditions

#### Power Supply

- **Standard supply:** 100-115/220-230 VAC: 1.8/0.8 A (26 rpm), 2.2/1.0 A (48 rpm)
- **Optional supply:** 24 VDC: 7.5 A max. (26 rpm), 8.6 A max. (48 rpm)

#### Equipment List

- **Standard supply:**
  - **Data sentences:** IEC61162-1: 4 ports (GPS/LOG/AMS/ECDIS)
  - **Antenna Unit:** XN12AF, XN20AF, XN24AF
  - **DVI-D/D S-LINK:** 1 port
  - **Ethernet 100Base-TX:** 1 port
  - **Remote display:** Contact closure 1 port: AD-10 format or IEC61162-2

- **Optional supply:**
  - **DVI-D/D S-LINK:** 10 m
  - **Ethernet 100Base-TX:** 1 port
  - **Remote display:** Contact closure 1 port: AD-10 format or IEC61162-2

#### Interfacing

- **Number of ports on processor unit:**
  - **Data sentences:** IEC61162-1: 4 ports (GPS/LOG/AMS/ECDIS)
  - **Antenna Unit:** XN12AF, XN20AF, XN24AF
  - **DVI-D/D S-LINK:** 1 port
  - **Ethernet 100Base-TX:** 1 port
  - **Remote display:** Contact closure 1 port: AD-10 format or IEC61162-2

#### MARINE DISPLAY

- **Screen size:** 19” LCD MU-190 (Cat.2) and 15” LCD MU-150HD (Cat.3)
- **Brightness:**
  - **MU-190:** 1000 cd/m²
  - **MU-150HD:** 500 cd/m²
- **Contrast range:**
  - **MU-190:** 5000 pts
  - **MU-150HD:** 5000 pts
- **Radar effective diameter:**
  - **MU-190:** 20 km
  - **MU-150HD:** 10 km

The display screen size is influenced by the display resolution.