

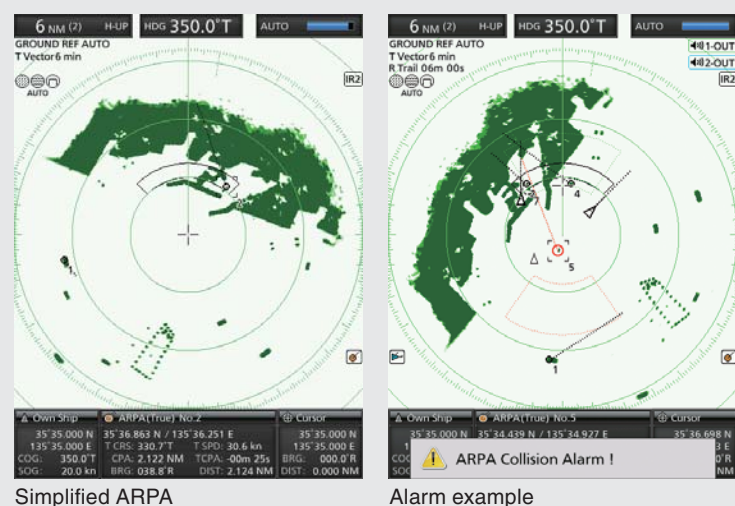
# Simplified ARPA, Wide Viewing Angle Color TFT LCD and Made in Japan Reliability

## Collision Risk Management Functions

### ARPA Simplified ARPA (Automatic Radar Plotting Aids) Function\*

The simplified ARPA function helps to prevent a collision risk with other vessels or objects. Up to five targets can be automatically tracked on the radar echo, when a target enters within the set watch area, (or up to ten targets can be tracked when manually set). By selecting one of the targets, the target information such as position, course, speed, CPA, TCPA, bearing, and distance is shown on the lower side of the display. When the target enters within the CPA and TCPA limits, an alarm message is displayed with a beep alarm.

\* External bearing, speed and position data required.



### DSC (Digital Selective Calling) Information Function\*

When connected to a DSC radio and a DSC call is received, the received message is transferred to the MR-1010RII. Up to 20 DSC messages can be plotted on the radar echo. If a MOB position information is transmitted from a DSC handheld transceiver (including Icom IC-M93D), the MR-1010RII can show the MOB waypoint on the radar echo to assist in search and rescue operation.

\* External bearing, position and DSC data required.



Received DSC example

### AIS (Automatic Identification System) Overlay Function\*

When connected to an external AIS device (including Icom IC-M605 and, IC-M506 AIS), up to 100 AIS target icons are overlaid on the radar echo. By selecting an AIS icon, vessel information such as AIS class, MMSI number, vessel name, course, speed, CPA, TCPA, bearing and distance are shown on the lower side of the display.

\* External bearing, position and AIS data required.



Compatible Icom marine DSC radio example, IC-M605



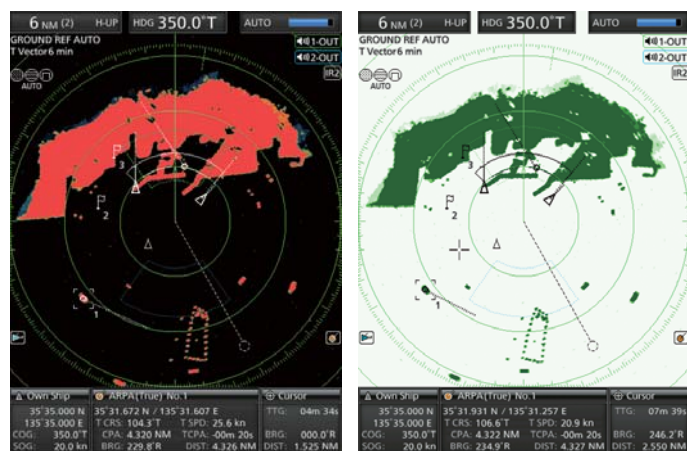
Other vessel AIS information



MARINE RADAR MR-1010RII

## Wide Viewing Angle Color TFT LCD

The wide viewing angle color TFT LCD offers bright, vivid echoes with 16 steps gradient intensity. The screen intensity and screen color (day, night and user settings) can be instantly adjusted with the "BRILL" button. In addition, the auto hide information function enlarges radar echoes to full size.

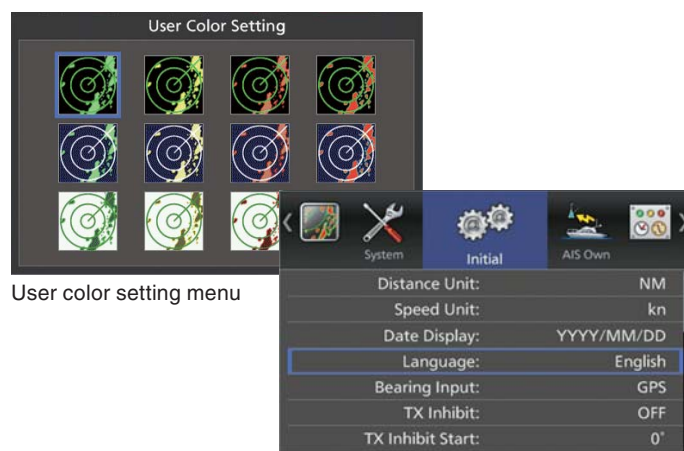


Night setting

Day setting

## Multi-Lingual Intuitive User Interface

The language setting of the MR-1010RII is selectable from English, Indonesian, Korean, Spanish, Thai and Vietnamese. The large eight-direction cursor key provides smooth operation even when wearing gloves. Various settings can be configured through visually intuitive operation.



User color setting menu

Initial menu

## Optional Video Output Unit

With an optional video output unit, UX-252, the MR-1010RII can be connected to an external display. Same radar echoes can be observed on the main unit and external display at the same time.



Video output example

## TLL (Target Latitude Longitude) Function\*

The MR-1010RII can mark points with icons and transfer the position data with NMEA TLL sentences to other NMEA 0183 devices such as an external plotter.

\* External bearing and position data required.

## True Trail Function\*

The true trail function cancels own ship movement and shows true moving objects with trails, while static objects are not trailed.

\* External bearing and position data required.

## Other features

- 10.2–42 V wide DC input to prevent over voltage damage
  - Two user programmable alarm zones
  - Waypoint indication\*
  - Designed, engineered and Made in Japan
- \* External bearing, position and waypoint data required.