

FURUNO

15" MULTI-COLOR LCD RADAR

Model

FAR-1416/1426

(12 kW)

(25 kW)

*Enhance your safety at sea and
enjoy more productive fishing with
the new Target Analyzer function.*



www.furuno.com



Landscape display setting

Control Unit RCU-029 (Standard)

High-Performance Marine

– Simple operation with “point-and-click”

15" MULTI-COLOR LCD RADAR

Model **FAR-1416/1426**
(12 kW) (25 kW)



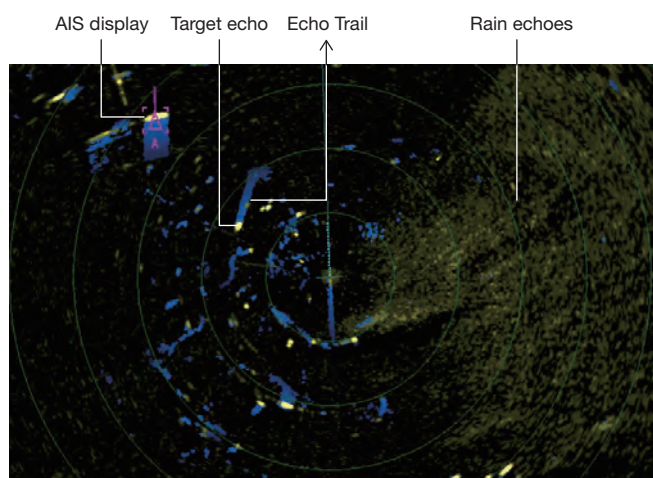
▶ Target Analyzer function* spots hazardous targets instantly!

FURUNO's new technology makes it possible to distinctly display targets closing in, while detecting and eliminating sea surface reflection and rain patches. With the Target Analyzer function turned on, each moving target, rain patches, and sea surface reflection are colored according to the degree of the hazard. This helps improve your safety and situational awareness by displaying different, easy to see colors.

Sea surface: Green	Moving targets: Red or Pink**
Rain: Gray	Closing in targets: Pink or White**

* Heading data and position data required.

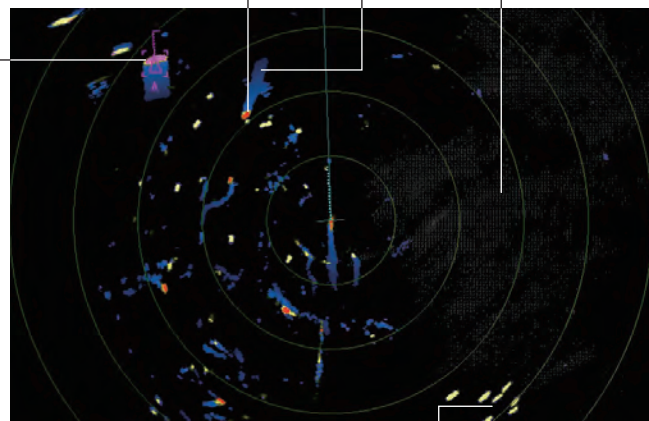
** Colors can be selected by the setting.



Target Analyzer: OFF
Echo Average: OFF
Rain Echo Hatching: OFF

Approaching target
(distinguished by speed and
direction of the ship)

Moving target Echo Trail
Grey veil echoes of
Rain Echo Hatching mode



Target Analyzer: ON
Echo Average: ON
Rain Echo Hatching: ON

Other echoes
(slowing ships, birds, buoys etc.)

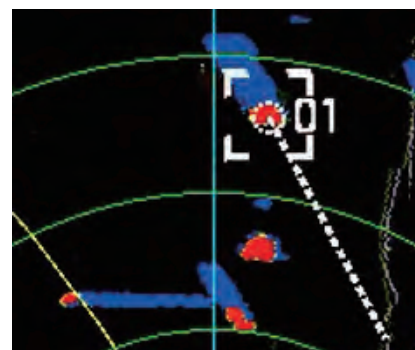
▶ Fast Target Tracking™ (TT) to Immediately Grasp Your Surroundings

After selecting a target, it only takes a few seconds for a speed and course vector to be displayed. With accurate tracking information, estimation of other vessels course and speed is made easier.

* Heading data and position data required.



Before selecting a target



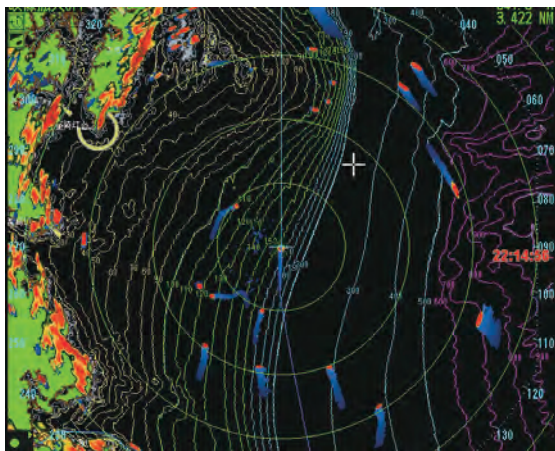
Speed and course vector

Radar with Chart Plotter

"menu functionality –

▶ Chart overlay on radar presentation

By overlaying the radar presentation with MapMedia vector charts, you can clearly recognize coastlines and buoys at a glance. Records of your vessel's track points and waypoints will help memorizing fishing spots. North-up, Course-up, and Head-up direction modes are available.



▶ Seamless Zoom and Cursor operation

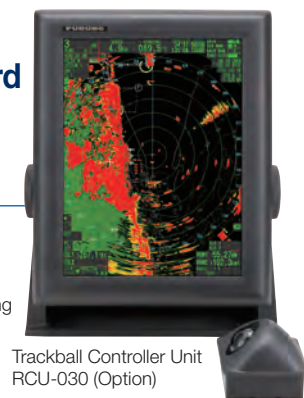
▶ Easy Operation

Enjoy a very intuitive operation, with the use of shortcut keys and the trackball.

▶ Space-saving and straightforward installation with the display unit built-in processor

Both Portrait and landscape are available to fit customers' preference.

Portrait display setting



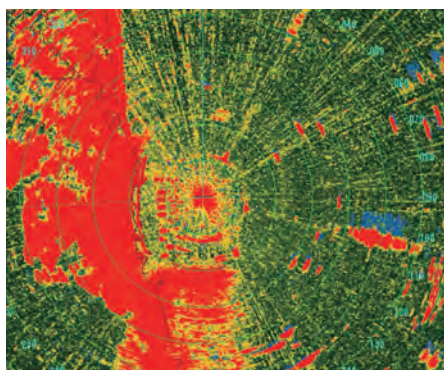
▶ Easily Upgrade from FR-8002/8005 Series

Utilizing the antenna of FURUNO FR-8002/8005 series, you can easily install this new radar FAR-1416/1426 and upgrade the radar function.

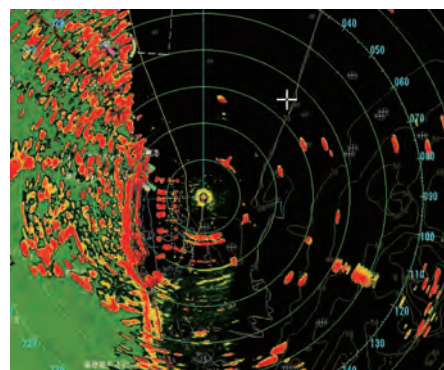


▶ Automatic Clutter Elimination (ACE) for unprecedented echo clarity

Quickly adjust the radar image with the push of a single button. With ACE activated, the system automatically adjusts clutter reduction filters and gain control according to sea and weather conditions selected by the user (calm/rough sea/hard rain). You will be free from the trouble of adjusting the image and be able to concentrate on the operation of the vessel.



ACE turned-off



ACE turned-on

Model FAR-1416/1426

AIS Receiver System Configuration

AIS Receiver
FA-30
FA-50

Switching Hub
HUB-100

Trackball Control Unit
RCU-030

Control Unit
RCU-029

Rectifier
RU-174GB-2/RIJ-3424
AC/DC Power Supply
PR-240/PR-850A

Display Unit
RDP-155

External monitor
(XGA)

GPS Satellite Compass AIS Receiver

Heading Sensor

Radar

AMS (Contact)*1

Antenna
RSB-0070 (24 rpm)
RSB-0073 (48 rpm)

Cable
RW-00224 (12 kW, RTR-086A)
RW-00225 (25 kW, RTR-087A)

Power
100/115/220/230 VAC
24 VDC

Connections:
- LAN: Switching Hub to Display Unit
- USB: Trackball Control Unit to Display Unit
- USB: Control Unit to Display Unit
- RGB/DVI-D: Display Unit to External monitor
- NMEA0183/CANbus: Display Unit to GPS Satellite Compass AIS Receiver, Heading Sensor, Radar, and AMS (Contact)*1
- Cable: Display Unit to Antenna

***1 Characteristic of contact output for AMS (Alert Management System)**

- (Load Current) 250 mA
- (Polarity) Normally open: 2 ports, Normally close: 2 ports

— Option or compatible device

C-2211LB
Catalogue No. CA000001696