

## SPECIFICATIONS

### GENERAL

Frequency  
 FAX: LF 80-160 kHz  
 MF/HF 2-25 MHz  
 NAVTEX: 490 kHz, 518 kHz

Class of Emission  
 FAX: F3C/J3C  
 NAVTEX: F1B

Receiving System Double superheterodyne  
 Number of Channels 1000 channels  
 Scanning Speed 60, 90, 120, 180 or 240 r.p.m., automatic or manual selection

IOC 576 or 288  
 automatic or manual selection

Display Color Monochrome, 8 shades of gray, Blue shades, Pink and Black, Red and blue

Networking Interface Ethernet 10 BASE-T TCP/IP

**POWER SUPPLY** 12-24 VDC, 1.0-0.5 A

**MINIMUM SYSTEM REQUIREMENTS FOR PC**  
 OS: Windows 98, 2000, ME, XP  
 CPU: 600 MHz or faster

RAM: 128 MB or more  
 Resolution: 1024 x 768 pixels  
 Network Facility: Ethernet network facility required  
 Browser: Internet Explorer Ver. 5.01 SP2/5.5 SP2/6.0 SP1  
 Netscape® Communicator Ver. 4.78/6.2/7.0

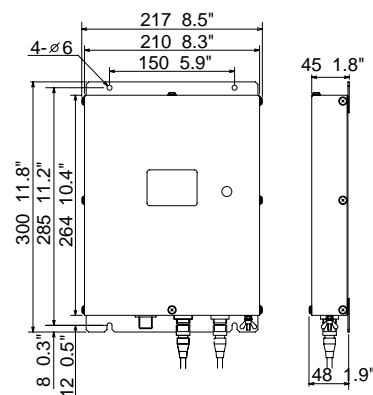
**Environment**  
 Temperature -15°C to +55°C  
 Waterproof IPX2

### EQUIPMENT LIST

- Standard**
- |   |        |
|---|--------|
| 1. Receiver Unit FAX-30   | 1 unit |
| 2. Installation Materials and Spare Parts (including 5 m Power Cable) | 1 set  |
- Option**
1. Preamp Unit FAX-5 with 15 m cable
  2. Whip Antenna for FAX-5 04S4176
  3. Antenna Fixing Clamp OP08-11
  4. Extension Kit for Antenna Cable OP-04-2 10/20/30/40/50 m
  5. PC Adapter Cable MJ-A6SPF/TM11AP8C050
  6. HUB Adapter Cable MJ-A6SRMD/TM11AP8-005

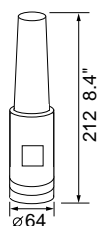
### Receiver Unit

**FAX-30** 2.0 kg 4.4 lb

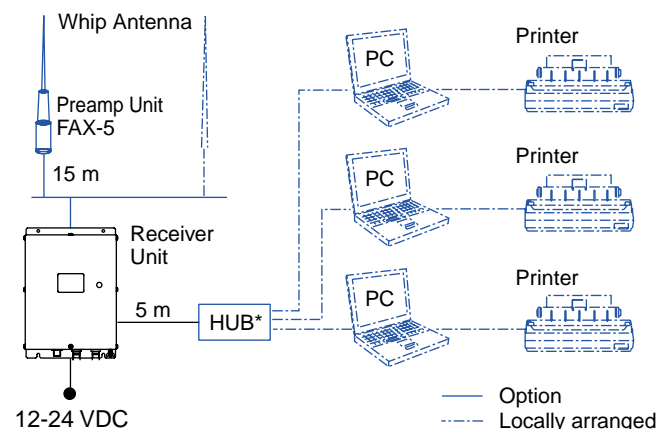


### Preamp Unit (option)

**FAX-5** 1.3 kg 2.9 lb



### INTERCONNECTION DIAGRAM



\* Not required to connect single PC.  
 NOTE: FAX-30 cannot be accessed by more than one PC at a time.



**FURUNO®**

# WEATHER FAX

Weather Facsimile Receiver

## Weather FAX FAX-30



TRADE MARK REGISTERED MARCA REGISTRADA  
 SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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TRADE MARK REGISTERED  
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# FURUNO's cost effective solution for gathering crucial Weather/Navigation information on a PC



The FURUNO FAX-30 can turn any commercial PC into a weather fax and NAVTEX receiver. This "BlackBox" receiver unit allows direct connection with a single Ethernet cable to a commercial PC showing weather charts and satellite images.

The standard package includes the receiver unit and installation materials. An optional antenna and Windows® based PC are required for basic operation. The information can be viewed simply by using an Internet browser, there is no complicated software to learn. Print out the weather and NAVTEX information by using a printer interfaced with a PC. In addition, the FAX-30 has no mechanical moving parts, which provides maintenance-free and cost-effective solutions for safety information gathering.

The FAX-30 receives weather map broadcasts from a fax transmitting station working under World Meteorological

Organization (WMO) standards. Up to twelve received pictures can be stored on the internal memory. Drum speeds, Index of Cooperation (IOC), and other essential parameters are manually or automatically selected to ensure quality reception. The fax station, which provides optimum image quality, can be searched utilizing the auto channel mode. The station is selected according to the quality of the signal reception. Phase and synchronization can be adjusted even after the reception is completed.

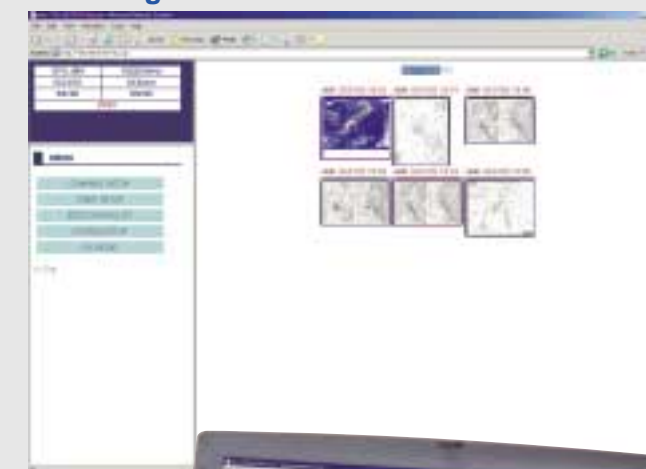
The stored pictures can be freely rotated or zoomed in/out on the screen. Display colors are selectable from three patterns of color, eight tones of gray scale and monochrome.

With a built-in NAVTEX receiver, you can view up to 130 recently received NAVTEX messages. The NAVTEX messages cannot be received while receiving FAX images.

## Weather Chart



## Browsing Screen



## Navtex Message

GD75 JAN/21 05:49 518kHz ERROR RATE=0.0%

ZCZC GD75  
221700 UTC JAN 05  
OVERBOARD NO.20  
RUNNING UNMANNED FISHING BOAT WAS  
SIGHTED IN POSITION SOUTHWEST OF  
YAKUSHIMA(30-12.3N 130-25.9E)  
AT 220750UTC.  
THE CREWMAN SEEMS TO HAVE FALLEN  
OVERBOARD.  
SHIPS IN THE VICINITY ARE REQUESTED TO  
KEEP A SHARP LOOKOUT AND REPORT ANY  
INFORMATION TO JAPAN COAST GUARD.

NNNN

## Satellite Image



- ▶ BlackBox unit connects directly to a PC with a printer through a single Ethernet cable.
- ▶ Presents weather charts, satellite images and NAVTEX messages on a PC screen
- ▶ Selected images/messages can be printed out from a printer interfaced with a PC
- ▶ Noise Rejection for clearer images
- ▶ Straightforward operation by using web browser such as Internet Explorer or Netscape®
- ▶ Thumbnail view for easy selection of stored images
- ▶ Built-in NAVTEX receiver  
(The receiver does not conform to GMDSS regulations.)
- ▶ Storage of up to twelve images and 130 NAVTEX messages on internal memory
- ▶ Fully automatic facsimile operation with a built-in schedule timer
- ▶ Facsimile images available in color, gray scale or monochrome