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
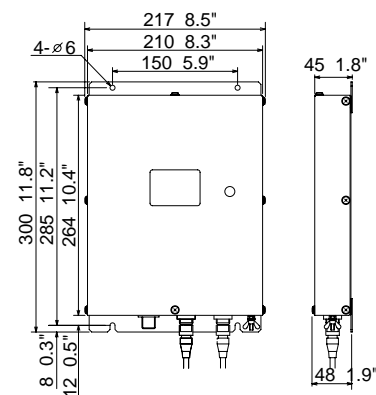1. Receiver Unit FAX-30   1 unit
2. Installation Materials and Spare Parts   1 set
   (including 5 m Power Cable)

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
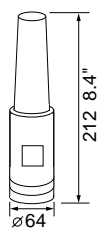6. HUB Adapter Cable MJ-A6SRMD/TM11AP8-005
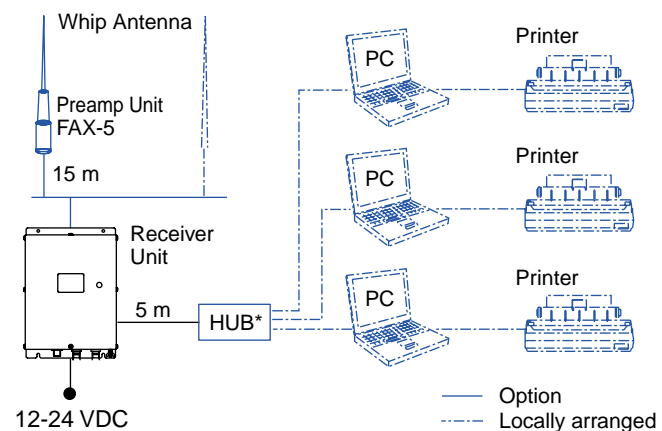
Receiver Unit
FAX-30 2.0 kg 4.4 lb

Preamp Unit (option)
FAX-5 1.3 kg 2.9 lb

INTERCONNECTION DIAGRAM

Whip Antenna
Preamp Unit FAX-5
15 m
Receiver Unit
5 m
HUB*
12-24 VDC
PC
Printer

—— Option
—·—·— Locally arranged

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

FURUNO®

FURUNO DEEPSEA WORLD

FAX
Facsimile Receiver

FAX
FAX-30

FAX
Facsimile Receiver

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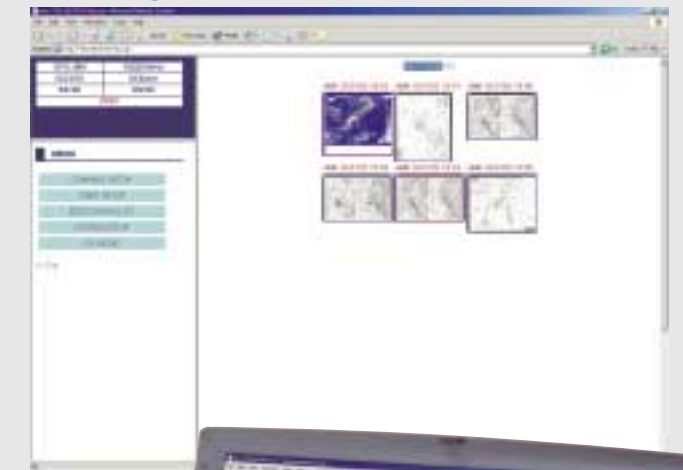
The stored pictures can be freely rotated or zoomed in/out on the screen. Display colors are selectable from three patterns of color, eight tones of gray scale and monochrome.

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.

Facsimile Receiver
FAX-30

Preamp Unit (option)
FAX-5

Receiver Unit
FAX-30

PC

Printer

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

Check out the collection of marine electronics & navigations we offer.