FURUNO

Cost effective paperless Weather FAX & NAVTEX

# FACSIMILE RECEIVER

## Model FAX-30

- **Connection to a 10.4" NavNet display or PC through an Ethernet**
- **User friendly softkey menu operation on NavNet display**
- **Web navigation using Internet Explorer or Netscape**
- **Print images and messages from generic PC and printer**
- **Storage of maximum 12 images on NavNet display (depending on file size)**
- **Thumbnail view for easy selection of stored images**
- **Noise Rejection for clear image**



Receiver Unit

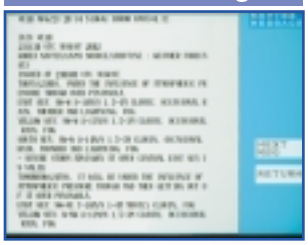


10.4" NavNet display



Laptop screen

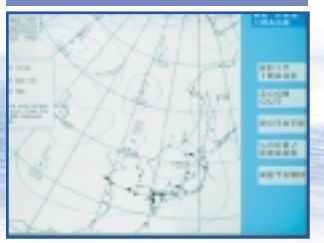
**Navtex Message**



**Reverse**



**Zoom**



Catalogue No. FX-618a

The future today with FURUNO's electronics technology.

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TRADE MARK REGISTERED
MARCA REGISTRADA

The FURUNO FAX-30 can turn any NavNet display or PC into a weather fax and NAVTEX receiver for obtaining weather forecasts and safety information. This "BlackBox" unit connects directly to a NavNet display or an Ethernet hub with a single Ethernet cable. If a multiple of 10.4" NavNet displays are connected on the Ethernet bus, each of those displays will have access to the FAX-30. In addition, the FAX-30 has the capability of being connected to a standard PC with Ethernet card.

The standard package includes the receiver and installation materials. The optional antenna and display unit (either a 10.4" NavNet or windows based PC) are required for basic operation. When the FAX-30 is connected to a PC, the images and information are displayed by simply using your Internet browser. There is no complicated proprietary software to learn. You can even print all of the information using your PC and printer.

The FAX-30 receives the weather map broadcast from a fax transmitting station working under WMO standards. Up to twelve received pictures can be stored on internal memory. Drum speeds, I.O.C. and other essential parameters are manually or automatically selected for quality receptions. The auto channel mode searches the best station by judging the quality of the signal reception. Phase and synchronization can be adjusted even after the reception is completed. The pictures stored can be freely rotated or zoomed in/out on the screen. The display colors are selectable from 8 tones of gray scale, monochrome, blue shade, pink and black, or red and blue for better viewing depending on the lighting conditions. By selecting the built-in NAVTEX receiver, you can view up to 130 stored NAVTEX messages.

# SPECIFICATIONS OF FAX-30

## GENERAL

| | |
|---|---|
| Frequency Range | 80 kHz to 160 kHz,<br>2 MHz to 25 MHz,<br>490 kHz, 518 kHz (NAVTEX) |
| Class of Emission | F3C, J3C, F1B (NAVTEX) |
| Receiving System | Double superheterodyne |
| Number of channel | 1000 channels |
| Storage | |
| Fax: | 12 pictures |
| NAVTEX: | 130 messages<br>55 characters x 20 lines<br>Character size: 2.6 x 5.3 mm |
| Scanning Speed | 60, 90, 120, 180 or 240 r.p.m.,<br>automatic or manual selection |
| I.O.C. | 576 or 288, automatic or manual selection |
| Display Color | Monochrome, 8 shades of gray,<br>Blue shades, Pink and black,<br>Red and blue |
| Networking Standard | Ethernet 10Base-T TCP/IP |

## POWER SUPPLY

12-24 VDC, 12 W

## 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 |
| Browser: | Internet Explorer Ver. 5.01 SP2/<br>5.5 SP2/6.0 SP1<br>Netscape Communicator Ver. 4.78/6.2/7.0 |

## ENVIRONMENTAL CONDITIONS

EMC, Vibration, Climatic: Complies with IEC 60945

## EQUIPMENT LIST

**Standard**

1. Receiver Unit FAX-30 — 1 unit
2. Installation Materials and Spare Parts (including 5 m NavNet Cable or PC Adaptor Cable selectable) — 1 set

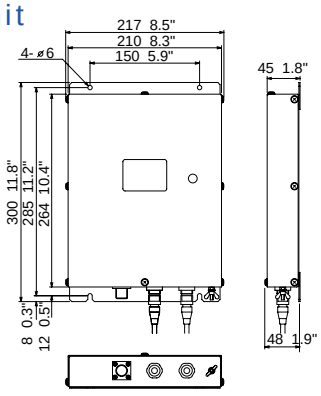
**Option**

1. Preamp Unit FAX-5 with 15 m cable
2. Antenna Fixing Clamp
3. Whip Antenna 04S4176
4. Extension Cable OP-04-2
5. PC Adaptor Cable MJ-A6SPF/TM11AP8C050
6. HUB Adaptor Cable MJ-A6SRMD/TM11AP8-005
7. NavNet Cable MJ-A6SPF0014 (1/10/20/30 m)

## Receiver Unit

FAX-30

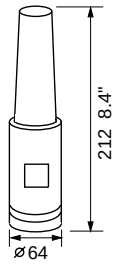
2.0 kg 4.4 lb



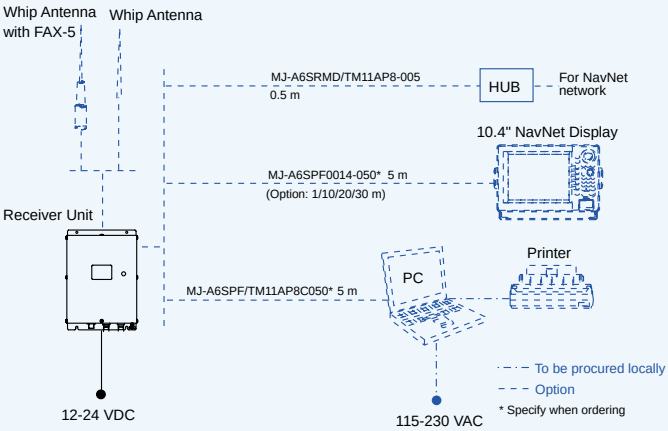

## Preamp Unit

FAX-5

1.3 kg 2.9 lb




## Interconnection Diagram




SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE


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