FURUNO®

8" FACSIMILE RECEIVER

Model FAX-207

- Low-cost weather facsimile receiver printing weather charts or satellite images on 8" thermal paper in four tones of gray
- Receive frequencies:80 kHz to 25 MHz in 100 Hzsteps
- 30-program timer with sleep function. Less than1 W power consumption in sleep mode
- 200 user-defined channels and 376 pre-programmed channels
- New improved automatic scanning function for positive selection of optimum receiving channel
- New, longer-life thermal printing head
- NAVTEX receiver (optional)



The FURUNO FAX-207 is a new low-cost marine facsimile receiver and printer packaged in a single compact unit. It provides high-quality, high-resolution printing of charts, text, and satellite images in four tones of gray on 8-inch thermal paper.

High-performance frequency synthesizer offers multi-channel flexibility, 376 preprogrammed channels and 200 user-defined channels.

The unique automatic scanning feature permits the stable reception of weather maps on an optimum frequency depending on the time of day and radio propagation conditions.

The FAX-207 can incorporate an optional NAVTEX receiver module for unattended reception of both weather and maritime safety information.





SPECIFICATIONS OF FAX-207

RECEIVER CHARACTERISTICS

1. Frequency Range

80 kHz to 25 MHz in 100 Hz steps

2. Number of Channels

User programmed: 200

Pre-programmed: 376 (All known transmitter

frequencies at production)

3. Receiving System

Double-conversion superheterodyne

IF: 50.0 MHz and 455 kHz

4. Mode of Reception

F3C, J3C (USB/LSB switchable), A3E

5. Sensitivity (F3C, J3C)

80 to 300 kHz: 18 μ V at 20 dB SINAD 300 kHz to 25 MHz: 3 μ V at 20 dB SINAD

6. Selectivity (F3C, J3C)

Bandwidth: 6.0 kHz at -6 dB Attenuation: -60 dB at 10.0 kHz

RECORDER CHARACTERISTICS

1. Recording System

Thermal head printing. 8-inch thermal paper

2. Scanning Speed

60, 90, 120 or 240 rpm, auto or manual

3. Gradation

4 levels

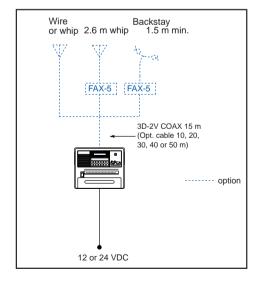
4. Phase Control

Automatic or manual

5. Operation

Automatic* or manual

*By W.M.O. remote control signal Schedule Timer 30 programs/day



NAVTEX RECEIVER (Optional)

1. Frequency

518 kHz

2. Message Memory

7,000 characters, 30 ID codes

3. Format

79 characters/line, 13 x 9 dot matrix

4. Print Speed

27 characters/sec

POWER SUPPLY (Specify when ordering)

12 or 24 VDC, less than 30 W (1 W on sleep mode)

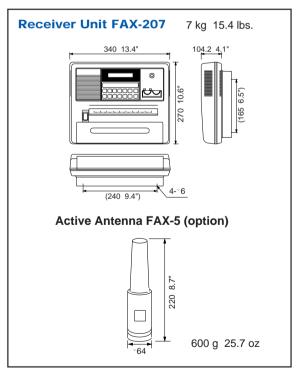
EQUIPMENT LIST

Standard

- 1. Main unit (12 VDC system or 24 VDC system)
- 2. Installation materials and spare parts

Optional

- 1. NAVTEX receiver module (built-in type)
- 2. Active antenna (pre-amp unit) FAX-5 (w/15 m cable)
- 3. 2.6 m whip antenna
- 4. Antenna cable (10, 20, 30, 40 or 50 m)



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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