

JRC COMPACT RADIO FACSIMILE RECEIVER

JAX-9A

*A Reliable Weather Facsimile Receiver
Most Suited for
Small Fishing and Pleasure Boats*

The new model JAX-9A is a weather facsimile receiver with a 10-inch-wide recorder, designed for compactness, lightweight, low cost and ease of operation.

Functionally, it is greatly improved to feature programmable receiving operations, use of a built-in synthesized receiver, high-density recording and newly automatic frequency selection.

The facsimile machine can receive weather charts and fishing information by simple operation, and its operability, reliability and maintainability ensure efficient fishing operations and safe sailing at sea.

- COMPACT DESIGN
- FOUR MODES OF RECEIVING
- DISTINCT RECORDING OF FINE LINES
- REPRODUCTION OF PICTURE IN 16 GRADATION LEVELS
- AUTOMATIC FREQUENCY SELECTION



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FEATURES

JAX-9A succeeded the prominent functions of the JAX-9.

On top of it, a new function characterizes that as a suitable frequency is automatically selected on checking wave propagation, frequency selection and timer operation in the area of the same broadcasting station are enhanced.

● Compact Design

The 10-inch facsimile equipment with a built-in receiver is unprecedentedly compact and lightweight; it can be flexibly installed on a desk top, bulkhead, or on the bottom on board.

● Four Modes of Receiving

Four modes of receiving are available selectively for the purposes of recording or for transmitted patterns from transmitting stations:

- (1) Fully Automatic— Automatic operations from start to stop by the remote control signals from a transmitting station:
 - Selection of index of cooperation;
 - Selection of scanning speed;
 - Phase matching;
 - Recording;
 - Stop; and
 - Paper feed
- (2) Semi-Automatic— Automatic phasing and stop in receiving from a transmitting station with no remote signal or for halfway reception.
- (3) Manual — Forced start and phasing in other modes than (1) and (2) above. Phasing is obtained momentarily.
- (4) Programmable— Start/stop time, frequency selection, start in mode (1) or (2), and half-tone recording can be programmed.

● Reproduction of Picture in 16 Gradation Levels

A picture of clouds, for instance, can be reproduced in 16 gradation levels using dithering and a JRC's unique signal processing technique, ensuring high density recording.

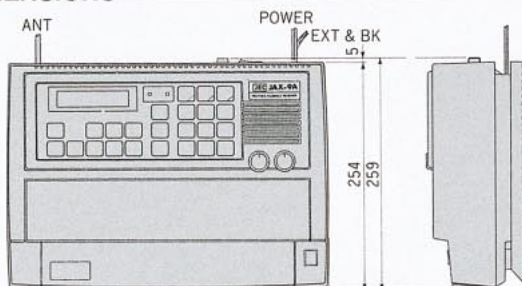
● Distinct Recording of Fine Lines

The equipment incorporates a JRC's unique technique (gray-scale level change) to reproduce fine lines such as a grid of latitudes and longitudes distinctly, ensuring clear recording of weather charts.

● Wide-Range Power Supply

The equipment is designed to operate in a wide range of 10V to 42VDC and with a low power consumption.

DIMENSIONS



SPECIFICATIONS

● FACSIMILE RECORDER

- Recording system: Solid-state recording with a thermal head
- Recording paper: Thermosensitive paper, 260mm(W) × 25m(L)/roll
- Effective recording width: 256mm (10 inches)
- Index of cooperation: 288 and 576
- Scanning speed: 60, 90, 120, and 240spm
- Scanning line density: Approx. 3.5 lines/mm (288)
Approx. 7 lines/mm (576)
- Phase matching: Automatic or manual
- External input: 1900 ± 400Hz for 600ohms, 0dBm
- Start and stop:
 - (1) Fully automatic—by remote control signals according to WMO recommendation.
 - (2) Semi-automatic—Phasing, recording and stop are automatic.
 - (3) Manual
 - (4) Programmable

● RECEIVER

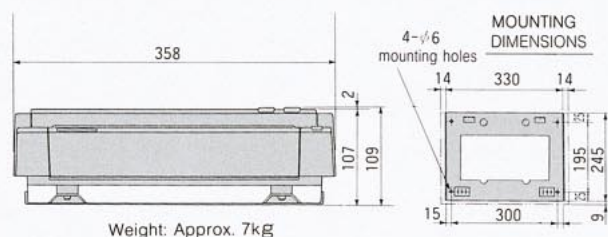
- Receiving system: Double superheterodyne with synthesizer
- Type of emission: F3C
- Frequency range: 2 — 24.9999MHz (HF)
- Frequency setting: From ten-key pad or memory
- Memory capacity: 90 spot frequencies
- Sensitivity: 2μV or less

● PROGRAM FUNCTION

- Memory channels: 10 channels programmable
- Programmable items: Start time; stop time; receiving frequency; selection of automatic or manual mode; selection of index of cooperation and of scanning speed in manual mode; ON/OFF for picture.

- Memory entry: From ten-key pad or function keys
- POWER SUPPLY: 10 — 42VDC, 70VA or less

Specifications subject to change without notice.



Weight: Approx. 7kg

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ISO 9001

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