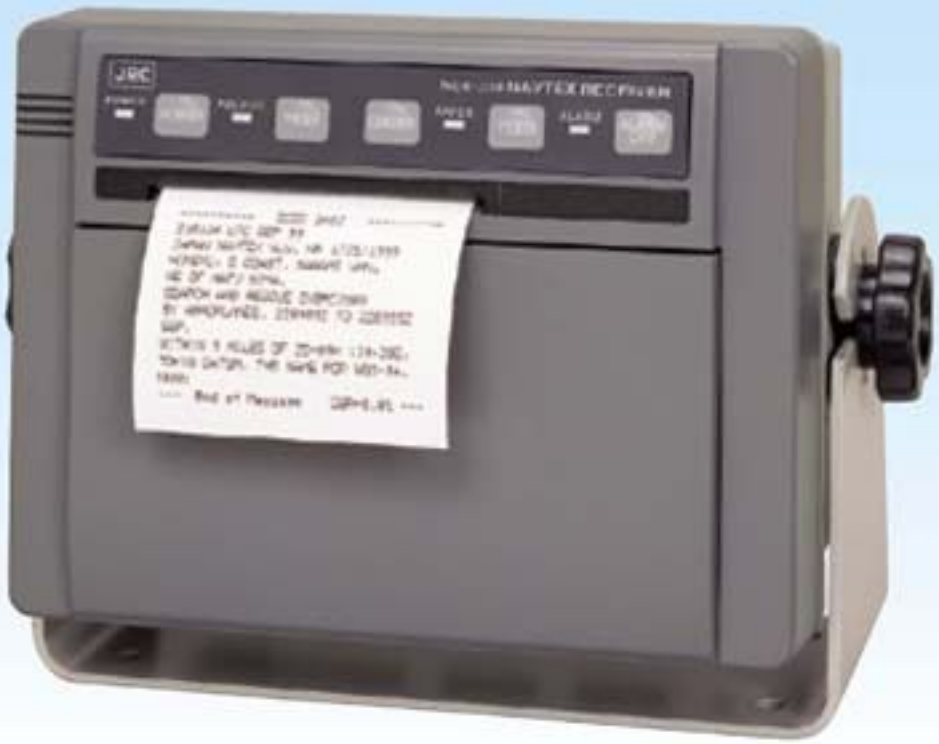
JRC NAVTEX RECEIVER

NCR-330

Unattended Reception and Print-out of Up-to-date Navigation and Weather Information



FEATURES

- Compact, lightweight and simple operation design
- Received information available for JRC ECDIS
- High reliability based on digital demodulation

JRC Japan Radio Co., Ltd.

FEATURES

Compact, lightweight and simple operation design
This navigation telex system can be installed in all ships.
Unattended reception and print-out of information with simple operation.

Support for IBS (Received data is output to an external device)
Received data can be sent to the JRC total navigator (ECDIS) to be displayed on an electronic chart and recorded.
This system supports for connection to the JRC Shipbone Integrated Radiocommunication System (IRCS).

Semi-permanent storage of settings
Once the Receiver is set up, there will be no need for reentry of settings after the power is turned off.

Settable font size
The font size can be changed between enlarged and normal characters.

Use of the digital demodulation system
The digital signal processor (DSP) enables stable reception as well as high reliability.

Printing paper saving
The system can store 128 messages identification numbers and it prevents duplicate print-out of the same message.

Use of long printing paper
A paper roll of 40 m-long is used for the printer, which is increased 60% in length from the conventional our paper to reduce the frequency of paper replacement.

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SPECIFICATIONS

RECEIVER	
Receiving frequency:	518 kHz
Receiving mode:	F1B NAVTEX broadcast
Sensitivity (50-ohms input):	CER better than 1×10^{-2} at 1 μV input to 50-ohms antenna
Frequency stability:	±15 Hz
Antenna input:	50-ohms for active/wide-band antenna, and high impedance for wire antenna
PROCESSOR	
Signalling mode:	NAVTEX decoding in accordance with ITU-R Rec. 476-5, 625-3 B-mode and 540-2
PRINTER	
Type:	Thermal
Characters/line:	35/40(7×6 / 7×5 dot matrix)
Paper roll:	80 mm-wide×40 m-long, thermal printing paper, 60 mm/max in O.D. and 12 mm/min in I.D.
Paper out:	Audible alarm and blinking of LED
CONTROLS	
Power ON/OFF; Alarm OFF; Paper feed; Dimmer; TEST (self-diagnostic); Setting of coast stations and Message type; Programmed Status Print-out;	
ALARMS	
Urgent message; Paper-out	
GENERAL	
Power supply:	12 to 24 V DC (10.8V/min, 35V/max)
	100 to 120 V AC or 200 to 240 V AC or 24 V DC with power supply unit (NBG-122 option)
	100 to 240 V AC with power supply unit (NBG-4534A option)
Power consumption:	5 W (standby at 24 V DC); 7 W (printer operating at 24 V DC with peak current of 0.6 A)
Ambient temperature:	−15 to 55℃ (operational)
	−25 to 70℃ (storage)
Ambient humidity:	Up to 95% at 40℃
Mounting:	Wall-mounted, desk-top or overhead

COMPONENTS

NAVTEX Receiver:	NCR-330
Mounting Screw	MPTG02024A
Thermal Printing Paper:	80 mm-wide×40 m-long(7ZPJD0044)
Spare Parts (2 fuses)	6ZXAF00021
Instruction Manual	7ZPJD0067
Operation Card	7ZPJD0069

OPTIONS

Active Antenna:	NAW-330
Power Supply Unit:	NBG-122 (Support for CE marking. AC and DC input.) 138W×100H×92D mm approx.1.2kg
	NBG-4534A (AC input) 138W×70H×80D mm approx.0.7kg
External Buzzer	CGC-300A 170W×170H×50D mm
ECDIS Connection Kit	7ZXJD0023(Including 3m length connection cable)
IRCS Connection Kit	7ZXJD0024(Including 1m length connection cable)

DIMENSIONS