

JRC MARINE MICRO RADAR

3cm, 2ft, 4kW, 7in CRT, 24nm

RADAR 3000

*When Your Ship Comes IN...
Make Sure It Has The JRC Radar System!*



The RADAR 3000 is a sturdy and deluxe system designed for serious pleasure boat users as well as small fishing boat operators. Its advanced features provide greater range, power, and readability.

JRC *Japan Radio Co., Ltd.*

FEATURES

- Improved anti-sea Clutter and anti-rain Clutter Suppression.
- Easy control of VRM, EBL, GAIN, anti-sea, and anti-rain, using JOG DIAL.
- Approach and Departure Guard Zone with Audible Alarm.
- Solid aluminum Construction.
- Provides Essential Information for Range, Bearing and Latitude/Longitude.*
- Easy to use Cursor for determining Precise Readings.*
- Destination Mark can be Displayed.
- 2/3 radius Off-Centering for any Direction.
- "Trail Function" shows The Relative Course of Moving Targets.
- Man Overboard Indication.*
- Timed Transmission. Mode Saves Power.

*This requires data in the NMEA 0183 sentence.

SPECIFICATIONS

SCANNER UNIT

Radome type	2' Diameter
Antenna beam width	Horizontal 4°, Vertical 25°
Rotation speed	Approx.27rpm
Transmitting Frequency	9410MHz±30MHz
Peak power	4kW
Pulse width/PRF	0.08us/2250Hz, 0.35us/1500Hz, 0.7us/750Hz
IF bandwidth	10MHz/3MHz

DISPLAY UNIT

Display	7" monochrome CRT (640×480dots)
Display Presentation Mode	Head-Up, North-Up, Course-Up
Range scales	1/8,1/4,1/2,3/4,1,1.5,3,6,12,24NM
Range rings	1/16,1/8,1/4,1/4,1/4,1/4,1/2,1,2,4NM
Minimum range	35m
Range discrimination	25m
Range ring accuracy	0.9% of range in use or 8m whichever is greater
Bearing accuracy	±1°
Power input	10.2-42VDC, approx 60W

CONNECTION DIAGRAM

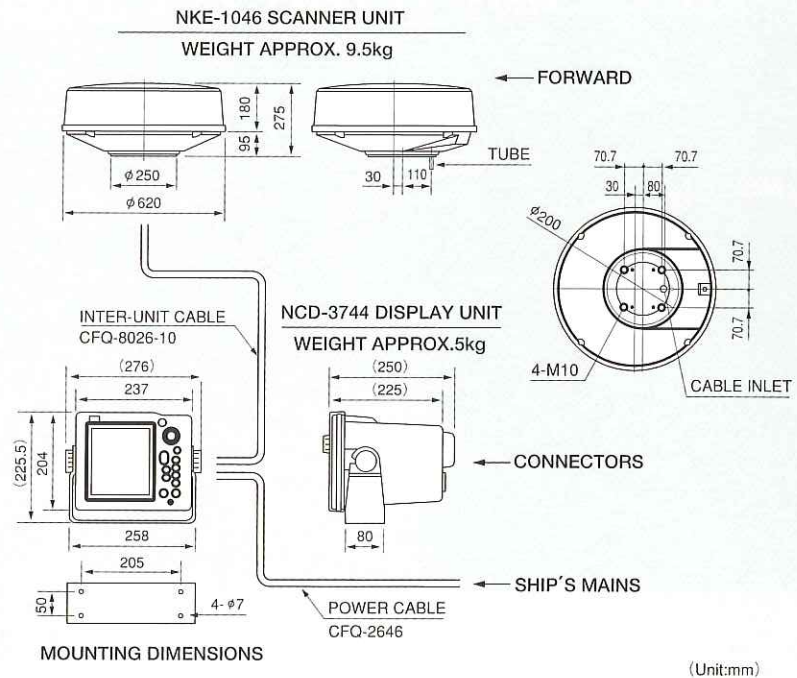
JRC

1.The distance between units

Scanner to Display Unit	Standard	Maximum
	10m	20m

Maximum allowable distance within the specified radar performance is guaranteed.

2.The Inter-Unit cable should not run in parallel with the cable for any other radio equipment : otherwise, the radar could give interference to the radio equipment.



● Specifications subject to change without notice. For further information, contact:

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ISO 9001

Certificate No.
JQA-0591



Certificate No.
FM 30249

15EM