

JRC MARINE LCD RADAR

3cm, 1ft, 1.5kW, 6in LCD, 16nm

RADAR 1000



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



- JOG DIAL
Easy operation for RANGE/SEA/RAIN/GAIN/TUNE.
- JOY STICK
Easy operation for MENU.
- High Speed Antenna
Higher performance at short range and high speed boat.
- Location Pointer
L/L, Range and Bearing information by cursor.

JRC *Japan Radio Co., Ltd.*

FEATURES

- Easy Operation Using JOG DIAL and JOY STICK.
- Safely Enclosed Rotating Antenna.
- Provides Essential Information for Range, Bearing and Latitude/Longitude.*
- Easy to use cursor for determining Precise Readings.
- Compact and Lightweight.
- Timed Transmission Mode saves Power.
- 1/4 Radius Offset Increases Look Ahead Range.
- English, French, Spanish, German, Norwegian and Italian Language Capability.
- Automatic Tuning Feature.
- Relative, Magnetic, and True Bearing Readouts for determining Bearing Lines and Waypoint.*
- Dual IF Bandwidth for high selectivity.
- On-Screen "Trail Function" for Observing the Relative Course of Moving Targets.
- Many On-Screen Indicators show your own Ship's Position, Cursor position with Latitude/Longitude, Ship's Course, Range/Bearing to Waypoint with Latitude/Longitude, etc.*

*This requires data in the NMEA 0183 sentence.

SPECIFICATIONS

SCANNER UNIT

Radome type	1' Diameter
Antenna beam width	Horizontal 7°, Vertical 30°
Rotation speed	Approx.32rpm
Transmitting Frequency	9445MHz±30MHz
Peak power	1.5kW
Pulse width/PRF	0.08us/2250Hz, 0.3us/1200Hz,
	0.8us/600Hz
IF bandwidth	10MHz/3MHz

DISPLAY UNIT

Display	6" monochrome LCD (320×240dots)
Display Presentation Mode	Head-Up
Range scales	1/8,1/4,1/2,3/4,1,1.5,3,6,12,16NM
Range rings	1/16,1/8,1/4,1/4,1/4,1/4,1/2,1,2,4NM
Minimum range	25m
Range discrimination	25m
Range ring accuracy	0.9% of range in use or 8m whichever is greater
Bearing accuracy	±1°
Power input	10.2-16VDC, approx 30W

CONNECTION DIAGRAM

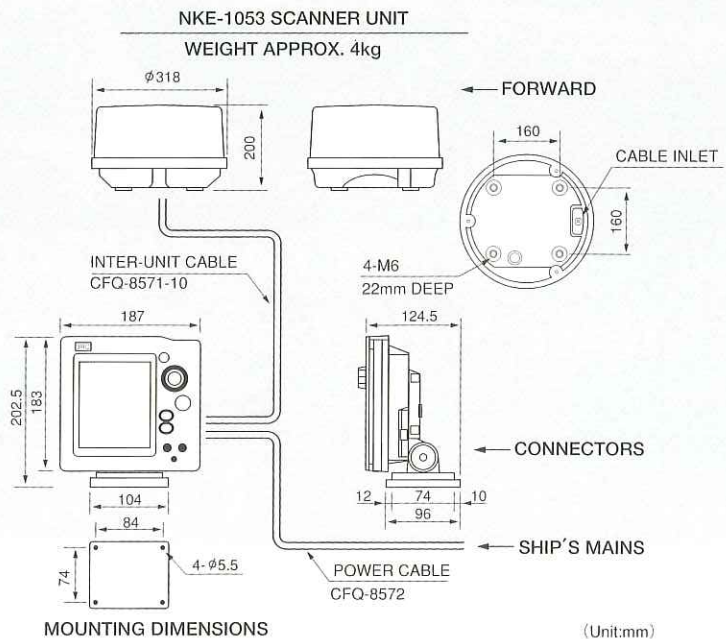


1. The distance between units

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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Since 1915

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ISO 9001

Certificate No. JQA-0591



Certificate No. FM 30249

15EM