

JRC MARINE LCD RADAR

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

RADAR 1000MKII

*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.

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

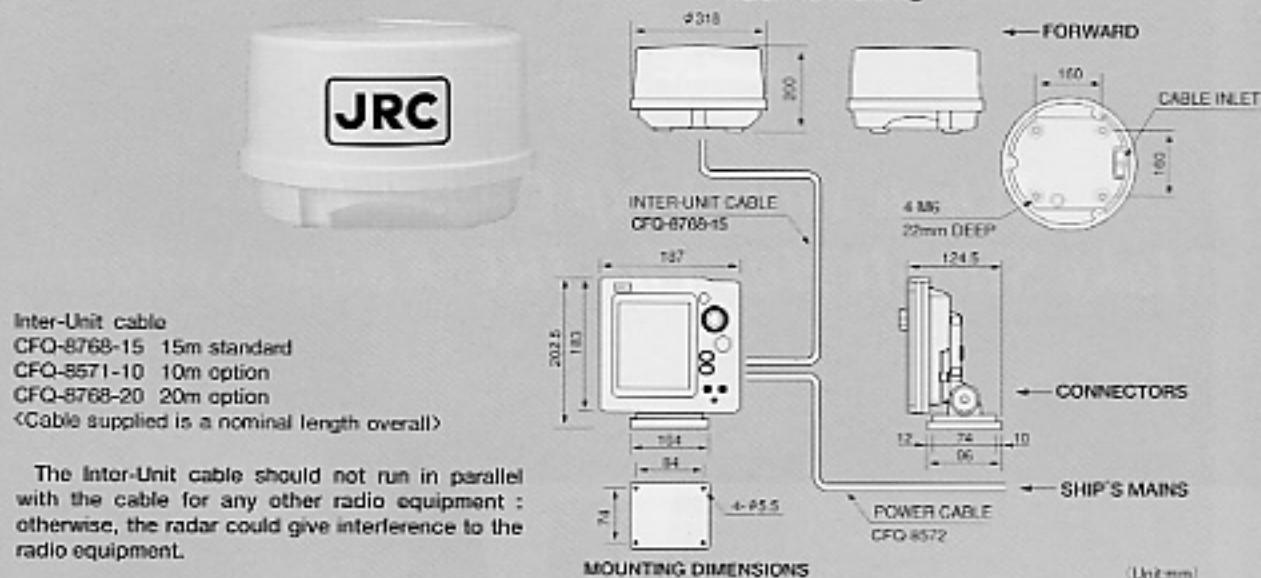
SCANNER UNIT

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 (320X240dots)
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
Power supply	Floating AVR system

CONNECTION DIAGRAM



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JRC

Since 1915

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