

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

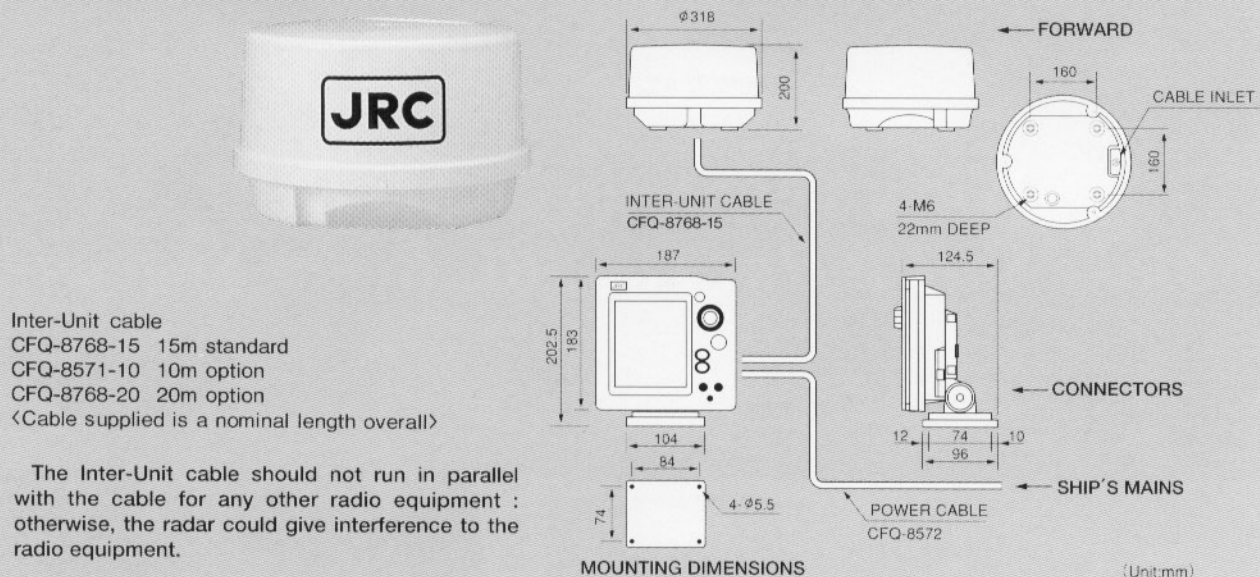
SCANNER UNIT

| | |
|------------------------|---|
| 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 (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 |
| Power supply | Floating AVR system |

CONNECTION DIAGRAM



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Since 1915

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