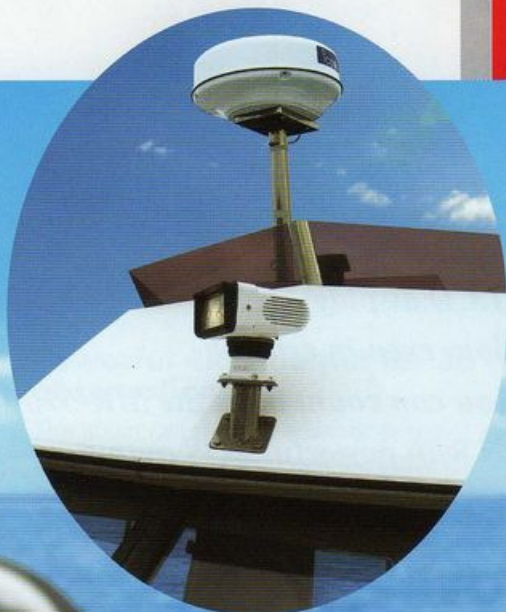


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ICOM

LCD MARINE RADAR

MR-570R



Icom Inc.

SPECIFICATIONS

GENERAL

- Minimum range : 25m (when measurement range is 1/8 NM)
- Maximum range : 36NM
- Measurement range/fixd rings :

Range (NM)	1/8	1/4	1/2	3/4	1	1.5	2	3	4	6	8	12	16	24	32	36
Ring (NM)	1/16	1/8	1/8	1/4	1/4	1/2	1/2	1	1	2	2	4	4	8	8	12

- Preheat time : 90sec.
- Connection length between display and scanner : 10m(standard), 20m(option), 30m(option)

DISPLAY UNIT

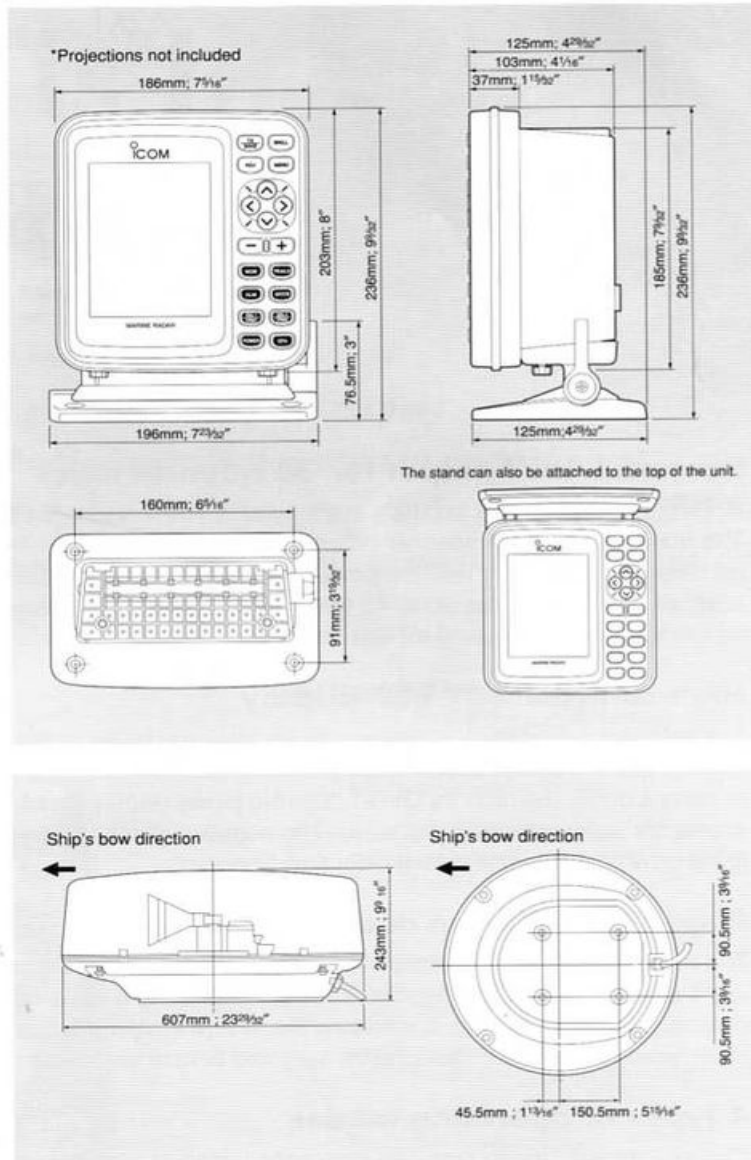
- Display type : 5.7" monochrome LCD
- Pixels : 240x320
- Power supply requirement : 10.2-42V DC (negative ground)
- Power consumption (approx.) : 47W
- Operable temp. range : -15°C to +60°C; +5°F to +140°F
- Unit of distance : NM (nautical mile), km
- Dimensions (projections not included) : 186 (W)x203 (H)x103 (D) mm
7 3/16 (W)x8 (H)x4 1/16 (D) in
- Weight (approx.) : 2kg; 4lb 6.5oz
- Input data format : NMEA 0183 (ver. 2.0), N+1, AUX
- Output data format : NMEA 0183 (ver. 2.0)

SCANNER UNIT

- Type : 2ft slotted wave-guided array in radome
- Rotation speed : 24-48rpm typ.
- Beamwidth : Horizontal beam 4° typ.
Vertical beam 22° typ.
- Sidelobe : -18dB typ.
- Polarization : Horizontal
- Dimensions (radome) (projections not included) : 607(d)x243(H) mm
23 29/32(d)x9 9/16(H) in
- Weight (approx.) : 9kg; 19lb13oz
- Operating temperature range : -25°C to +70°C; -13°F to +158°F
- Frequency : 9410MHz ±30MHz
- Peak output power : 4kW
- Pulse-width/Reception rate : 80nsec./2880Hz, 80nsec./2160Hz, 250nsec./2160Hz, 350nsec./2160Hz, 900nsec./720Hz
- Modulator : FET switching
- Mixer and local oscillator : Microwave integrated circuit
- Intermediate frequency : 60MHz
- IF passband width : 10MHz, 3MHz
- Tuning : Auto or manual
- Transmit/receive switching : Circulator

All stated specifications are subject to change without notice or obligation.

DIMENSIONS



OPTIONS



OPC-1077 SYSTEM CABLE
 Allows you 20m (65.6ft) separate installation between the display unit and the scanner unit.

OPC-1078 SYSTEM CABLE
 Allows you 30m (98.4ft) separate installation between the display unit and the scanner unit.

* The screens use image photos in this catalog.

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