

Marine Radar

MDC-2000BB Series



LCD monitor (Owner supplied)



Features

- ▶ Entry model with high performance and functions of larger professional grade radars, a really good value
- ▶ Black Box, connects to any display (VGA)
- ▶ Dual Range Display
- ▶ True Trail Function
- ▶ Choice of 1.2ft/2ft Radome (4kW) or 3ft/4ft/6ft Open Array (4kW, 6kW, 12kW)

Antenna-scanner unit

Environmental

Processor unit

Environmental

* Requires bearing data input.

** Requires waypoint data, bearing and latitude / longitude data input

*** Requires bearing data, ship's speed data and latitude / longitude data input.

The diagram illustrates the Antenna-Scanner unit and its various connections. The unit is composed of several interconnected components:

- Antenna-Scanner unit** (Main enclosure)
- Processor unit MRM-112** (Internal solid-line box)
- ATA MRE-340** (Optional internal component, dashed-line box)
- AIS interface AIS-110** (Optional internal component, dashed-line box)
- XGA Display (Analog RGB)** (Optional external component, dashed-line box)
- Operation unit MRO-112** (Optional external component, solid-line box)
- Power rectifier PS-010** (Optional external component, dashed-line box)

External Connections:

- Inputs:** CCD camera signal input (NTSC/PAL/SECAM), Radar signal input / output (For slave display), AIS signal input, External buzzer.
- Outputs:** NMEA0183 input / output.
- Power:** 10.8 to 31.2 VDC (connected to the main unit and the power rectifier).
- Power Rectifier Specifications:** 100 / 115 VAC and 200 / 230 VAC.

Legend:

- Solid lines: Standard devices and connections
- Dashed lines: Optional devices and connections
- Dashed-dotted lines: Owner supplied

Standard Equipment

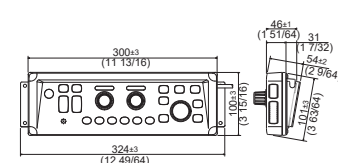
Option

ATA, AIS interface, CCD camera cable, Gyro/Log interface, Power rectifier, AC power cable. Connecting cable

Processor unit:

Operation unit:

Unit: mm (inch)

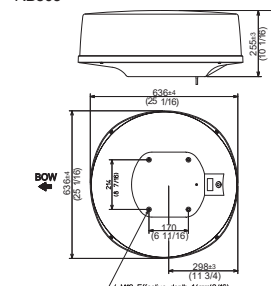


Weight: 5.1 kg (11.5 lb)

Weight: 0.94 kg (2.07 lb) inclusive base

Antenna-scanner unit:

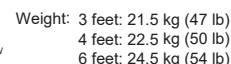
RB805



Weight:8.3kg (18.3lb)

Weight:10 kg (22.5 lb)

RB806



RB717A / RB718A / RB807 / RB808



RB807 / RB808
4 feet: 24 kg (53 lb)
6 feet: 26 kg (57.5 lb)

- Design and specifications are subject to change without notice.



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