25 W or 1 W RF Output Power
- Built-in DSC meets Class D ITU-R M493-11/EN 301 025 requirement
- 30 W PA, FOG, Bells and Whistles with Listen Back
- Audio tone control
- Waterproof speaker microphone provides clear reception and transmission
- Easy channel selection with large rotary control
- Quick access to channel 16/9 Key
- Features a large alpha numeric keypad
- Optional voice scrambler provides private communications with other radios equipped with scramblers

www.furuno.com
SPECIFICATIONS OF
FM-4000

General

1. Frequency
   Transmit 156.025 to 157.425 MHz
   Receive 156.050 to 163.275 MHz
2. Mode FM (16K0G3E), DSC (16K0G2B)
3. Channel Spacing 25 kHz
4. Frequency Stability ±5 ppm

Transmitter

1. Output Power 25 W (Hi) or 1 W (Lo)
2. Frequency Stability ±3 ppm
3. Max. Frequency Deviation ±5 kHz
4. Spurious Emission 80 dB (25 W), 66 dB (1 W)

Receiver

1. Sensitivity (12 dB SINAD) 0.30 µV
2. Squelch Sensitivity 0.13 µV
3. Intermodulation Rejection Ratio (12 dB SINAD) -80 dB
4. Spurious Response Rejection Ratio -80 dB
5. Audio Output Power 4.5 W
6. Audio Response within +1/-3 of a 6 dB/octave de-emphasis characteristic at 300 to 3000 Hz

DSC

Class D EN 301 025

Interface (NMEA0183 ver. 2.0/3.01)
1. Input GLL, GGA, RMC and GNS
2. Output DSC*, DSE* * NMEA0183 ver.3.01 only

ENVIRONMENT

Temperature -20°C to +60°C
Waterproofing IPX7 (Front Panel)

POWER SUPPLY

13.8 VDC ±20%, 5.0 A max

EQUIPMENT LIST

Standard
1. Transceiver Unit
2. Microphone
3. Installation Materials and Spare Parts

Option
1. Voice Scrambler CVS2500
2. Remote-Access Microphone CMP30B (Black)
4. Flush-Mount Bracket MMB-84
5. Extension Cable CT-100
6. Bluetooth Headset BH-2A
7. Bluetooth Adaptor Unit BU-1
8. Charge Holder CAB-2

Optional Accessories

Voice Scrambler CVS2500
Remote-Access Microphone (Black) CMP30B
Remote-Access Microphone (White) CMP30W
Flush-Mount Bracket MMB-84
Bluetooth Headset BH-2A
Bluetooth Adaptor Unit BU-1
Charger Holder for BH-2 CAB-2

Cutout for Flush Mount

INTERCONNECTION DIAGRAM

FM-4000
NMEA0183
12 VDC

Max. 7 m
Remote Mic
GPS Navigator
PC
External Speaker
Option or local supply

NOTE: Antenna unit is not included in the standard equipment. Please arrange it locally.

All brand and product names are registered trademarks, trademarks or service marks of their respective holders. SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE