

FURUNO

FM-4721

MARINE VHF RADIOTELEPHONE

With Class-D DSC Modem and CH70 watch receiver

- ▶ 25 W or 1 W RF Output Power
- ▶ Built-in DSC meets Class D ITU-R M493-12/EN 301 025 requirement
- ▶ Class D DSC with Distress, Individual and All Ship calls
- ▶ Navigation information (LAT/LONG, SOG, COG) information shown on display*
- ▶ Navigate to a DSC Distress Position*
- ▶ ATIS mode available for inland waterway
- ▶ Automatic DSC Position Poll request to up to four separate vessels
- ▶ 30 W PA/Loudhailer with pre-programmed fog signals and listenback facility
- ▶ Two Handsets (Remote control speaker/microphone with display) are available
- ▶ Easy channel selection with large rotary control
- ▶ Quick access to channel 16/9 Key
- ▶ Features a large alphanumeric keypad

*Requires connection to external GPS



www.furuno.com

SPECIFICATIONS OF FM-4721

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 | ±2.5 ppm |
| 3. Max. Frequency Deviation | ±5 kHz |
| 4. Spurious Emission | -80 dB (25 W), -66 dB (1 W) |

Receiver

- | | |
|---------------------------------|---|
| 1. Sensitivity (20 dB SINAD) | 0.30 μV |
| 2. Squelch Sensitivity | 0.13 μV |
| 3. Intermodulation Response | 68 dB |
| 4. Spurious Response Rejection | 70 dB |
| 5. Adjacent Channel Selectivity | 60 dB |
| 6. Audio Output Power | 3.0 W |
| 7. Audio Response | within +1/-3 of a 6 dB/octave de-emphasis characteristic between 300 Hz and 3 kHz |

DSC (Class D)

ITU-R M493-12 EN 301 025

Interface (NMEA0183 ver. 3.0)

- | | |
|-----------|--------------------------------|
| 1. Input | GLL, GGA, RMC and GNS |
| 2. Output | DSC*, DSE* * NMEA0183 ver. 3.0 |

ENVIRONMENT

- | | |
|---------------|--------------------|
| Temperature | -15 °C to +55 °C |
| Waterproofing | IPX7 (Front Panel) |

POWER SUPPLY

12.0 VDC +30%, -10%, 6.0 A max

EQUIPMENT LIST

Standard

1. Transceiver Unit
2. Handset HS-4721 with 7m cable
3. Installation Materials

Option

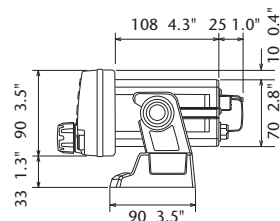
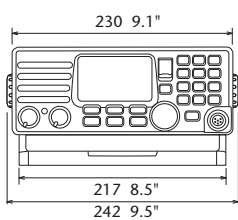
- | | |
|-----------------------------------|---------|
| 1. Handset | HS-4721 |
| 2. 7m extension cable for Handset | CT-100 |
| 3. Handmic | MH-70F6 |
| 4. Flush-Mount Bracket | MMB-84 |
| 5. Bluetooth Headset | BH-2A |
| 6. Bluetooth Adapter Unit | BU-1 |
| 7. Charge cradle for BH-2A | CD-40 |
| 8. AC Charger for CD-40 | NC-85 |
| 9. Voice Scrambler | FVP-42 |

Optional Accessories

 <p>7m extension cable for Handset CT-100</p> <p>Handset HS-4721</p>	 <p>Handmic MH-70F6</p>	 <p>Flush-Mount Bracket MMB-84</p>	 <p>Bluetooth Headset BH-2A</p>
 <p>Bluetooth Adapter Unit BU-1</p>	 <p>Charge cradle for BH-2A CD-40</p>	 <p>AC Charger for CD-40 NC-85</p>	 <p>Voice Scrambler FVP-42</p>

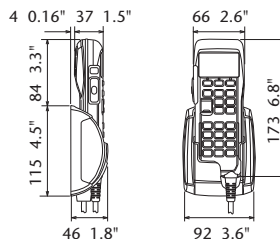
FM-4721 Transceiver Unit

1.66 kg 3.66 lb
1.82 kg 4.0 lb (with Bracket)

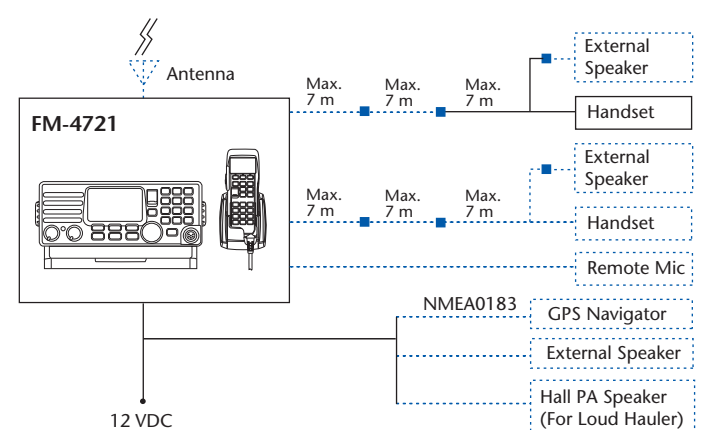


FM-4721 Handset HS-4721

0.37 kg 0.82 lb
0.44 kg 0.97 lb (with Holder)



INTERCONNECTION DIAGRAM



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

----- Option or local supply

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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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