

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

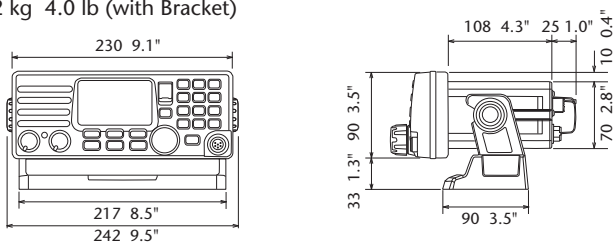
- | | |
|-----------------------------------|---------|
| 1. Handset | HS-4721 |
| 2. 7m extension cable for Handset | CT-100 |
| 3. Handmic | MH-70F6 |
| 4. Flush-Mount Bracket | MMB-84 |
| 5. Bluetooth Headset | BH-2A |
| 6. Bluetooth Adapter Unit | BU-1 |
| 7. Charge cradle for BH-2A | CD-40 |
| 8.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

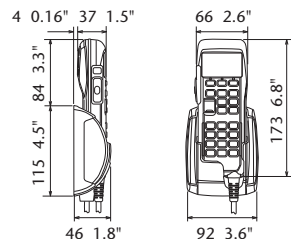
FM-4721 Transceiver Unit

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

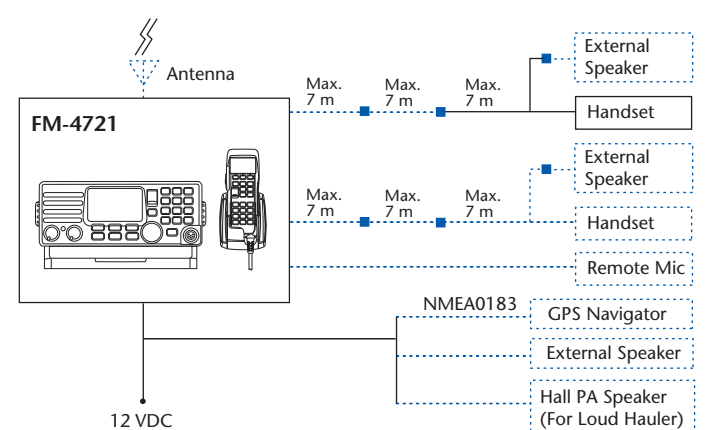


FM-4721 Handset HS-4721

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

All brand and product names are registered trademarks, trademarks or service marks of their respective holders.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

FURUNO ELECTRIC CO., LTD.

Nishinomiya, Hyogo, Japan
www.furuno.co.jp

FURUNO U.S.A., INC.

Camas, Washington, U.S.A.
www.furunousa.com

FURUNO (UK) LIMITED

Havant, Hampshire, U.K.
www.furuno.co.uk

FURUNO FRANCE S.A.S.

Bordeaux-Mérignac, France
www.furuno.fr

FURUNO ESPAÑA S.A.

Madrid, Spain
www.furuno.es

FURUNO DANMARK A/S

Hvidovre, Denmark
www.furuno.dk

FURUNO NORGE A/S

Ålesund, Norway
www.furuno.no

FURUNO SVERIGE AB

Västra Frölunda, Sweden
www.furuno.se

FURUNO FINLAND OY

Espoo, Finland
www.furuno.fi

FURUNO POLSKA Sp. z o.o.

Gdynia, Poland
www.furuno.pl

FURUNO EURUS LLC

St. Petersburg, Russian Federation
www.furuno.com.ru

FURUNO DEUTSCHLAND GmbH

Rellingen, Germany
www.furuno.de

FURUNO HELLAS S.A.

Piraeus, Greece

RICO (PTE) LTD

Singapore
www.rico.com.sg

11035U Printed in Japan
Catalogue No. V-034

