The latest in Class-D Digital Selective Calling (DSC) Technology.

Submersible
Designed to JIS7 standards.

Noise-canceling microphone
Blocks background noise for clearer conversations.

All NOAA weather channels
Instant access to national All Hazards and weather information, 24 hours a day.

25 Watt VHF
Full power VHF radio for maximum range.
Class-D DSC (Digital Selective Calling)  Compliant with the latest FCC specifications for Class-D VHF Radios. Digital Selective Calling allows you to send a distress signal at the touch of a button or exchange position information with other boats or stations. DSC features on this Class-D radio include: A Dedicated Channel 70 (DSC Channel) Receiver, GPS Position Display Capability, Illuminated Distress Button, Easy MMSI Entry, Position Send and Request, Position Input Reminder, Coast Guard DSC Check Capability, etc.

1 or 25 Watts  Dual output power for short and long communication.

U.S.A., Canada & International Channels  Allows operation on any of the three (3) different channel maps established for these areas.

10 NOAA Weather Channels  Instant access to national all hazards and weather information, 24 hours a day.

Weather Alert  Alerts with an audible tone and visual alarm if threatening weather is nearby.

Instant Channel 16/9  Instant access to channel 16 and channel 9 for emergency situations.

Dual Watch  Monitors two (2) channels at once — Channel 16 and one (1) user selected channel.

Scan  Scan all channels to find conversations in progress.

Signal Strength Meter  Shows the strength of incoming signal.

Illuminated Function Keys  Allows high visibility of function keys.

Illuminated LCD Display: Large  Allows high visibility of display.

Noise Canceling Speaker/Mic with Controls  Blocks background noise. Controls allow instant access to channels 16 & 9 and changing of channels & setting features.

External Speaker Jack  Allows connection of an external speaker (not included).

Submersible  Meets JIS7 standards; Submersible for 30 minutes in one meter deep water.

3 Year Warranty (on radio)  For products sold in the U.S.A.

Features and Benefits:

- **Included Accessories**
  - **Bracket Mount Kit**: Easy console or overhead mounting.
  - **GPS Interface Cable**: Allows connection of a GPS receiver.

- **Unit Specifications**
  - **Number of Channels**: All U.S.A., Canadian, International
  - **Channel Spacing**: 25 kHz
  - **Modulation**: 5 kHz Max.
  - **Input Voltage**: 13.6 VDC
  - **Current Drain**:
    - Stand-by: 200 mA
    - Receive: 300 mA
    - Transmit:
      - High Power: 5 A
      - Low Power: 1 A
  - **Temperature Range**: -20°C to 60°C
  - **Weight**: 1 lb, 6.8 oz (1100 g)

- **Specifications**
  - **Frequency Range (Receiver)**: 156.050 to 163.275 MHz
  - **Receiver Type**: Double Conversion Super Heterodyne
  - **Sensitivity**:
    - 20 dB Quieting: 0.35 uV
    - 12 dB S/N: 0.30 uV
  - **AF Output**: 4 Watts @ 8 Ohms
  - **RF Output Power**: 1 or 25 Watts
  - **Spurious Emissions**:
    - -60 dB @ High Power
    - -55 dB @ Low Power
  - **Microphone Type**: Electret
  - **Microphone Impedance**: 2000 Ohms
  - **Frequency Stability**: +/-10 ppm
  - **FM Hum & Noise**: 40 dB

- **Packaging Specifications**
  - **Individual Clam/Box Dimensions**: 6.21” x 9.25” x 2.95” (162 mm x 238 mm x 75 mm)
  - **Individual Clam/Box Weight**: 2 lbs., 13.3 oz (1284 g)
  - **Master Pack Qty.**: 2
  - **Master Pack Dimensions**: 6.38” x 13.31” x 10.04” (162 mm x 338 mm x 255 mm)
  - **Master Pack Weight**: 6 lbs., 3.8 oz (2662 g)
  - **SKU #**: MR F45-D
  - **UPC #**: 0 28377 20148 6
  - **Master Pack Barcode**: 5 0028377 20148 1

Specifications subject to change without notice.

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