Rockford Fosgate PMX-2

Rockford Fosgate PMX-2 Marine Digital Media Receiver Instruction Manual

Comprehensive guide for setup, operation, and maintenance.

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Rockford Fosgate PMX-2 Punch Marine Compact AM/FM/WB Digital Media Receiver. Designed for marine and motorsports applications, the PMX-2 offers robust performance and durability in challenging environments. Please read this manual thoroughly before beginning installation or operation to ensure proper functionality and longevity of your device.

What's in the Box

Upon opening your PMX-2 package, verify that all components are present and in good condition:

- Source Unit
- Trim Bezel
- Mounting Plate
- U Bracket
- Screws
- Power/Speaker Harness
- Installation & Operation Manual

Figure 1: All components included in the PMX-2 package.

Key Features

The Rockford Fosgate PMX-2 is engineered with features to enhance your audio experience in demanding environments:

- **Compact Digital Media Receiver:** Features a 2.7" full-color TFT display for optimal viewing, even in direct sunlight.
- **Powerful Internal Amplifier:** Delivers 4 x 50W @ 2ohm, providing robust audio performance.
- **Versatile Connectivity:** Includes Pandora control capabilities, Bluetooth audio streaming with album art support, AUX and USB Inputs with USB Charging.
- **Advanced Audio Control:** Equipped with On Board Punch EQ Control and Independent Subwoofer Level Control.
- **Element Ready Design:** IPX6 rated for protection against dust, UV, temperature fluctuations, water, corrosion, and vibration, ensuring durability in harsh conditions.
- **Easy Installation:** Designed for mounting in a standard 3-inch round opening.

Figure 2: Front view of the PMX-2 receiver.

Setup

Mounting the Unit

The PMX-2 is designed for easy installation into a standard 3-inch round opening. Ensure the mounting surface is flat and provides sufficient clearance for the unit's depth and wiring connections.

1. Cut a 3-inch (76mm) diameter hole in the desired mounting location.
2. Insert the PMX-2 unit into the hole.
3. Secure the unit using the provided U-bracket and screws from the rear of the mounting surface. Tighten securely but do not overtighten.
4. Attach the trim bezel to the front of the unit for a finished look.

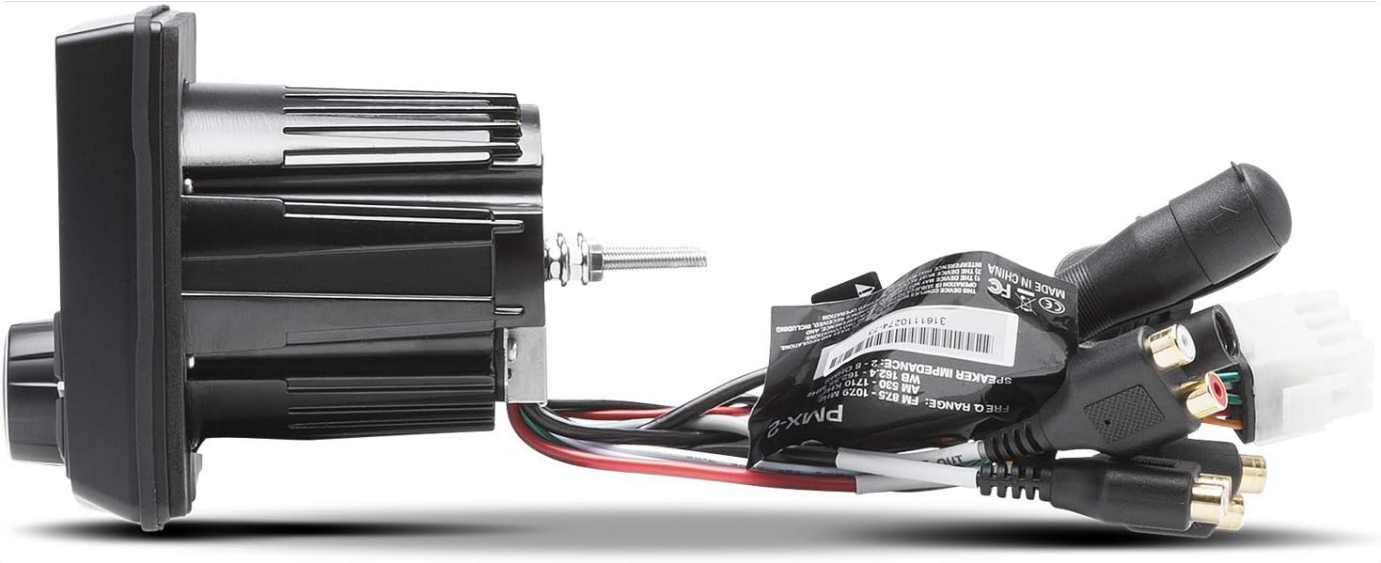

Figure 3: Side profile of the PMX-2, illustrating its compact design for mounting.

Wiring Connections

Carefully connect the power/speaker harness and RCA cables to the rear of the PMX-2 unit. Refer to the wiring diagram in the included Installation & Operation Manual for specific connections.

- **Power:** Connect the red (ACC) and yellow (B+) wires to appropriate power sources, and the black (GND) wire to a reliable ground.
- **Speakers:** Connect speaker wires to the corresponding outputs on the harness. The internal amplifier supports 2-ohm and 4-ohm loads.
- **RCA Outputs:** Utilize the front, rear, and subwoofer RCA outputs for connecting external amplifiers.
- **USB Input:** Connect USB devices for media playback and charging.
- **AUX Input:** Use the 3.5mm jack for auxiliary audio sources.

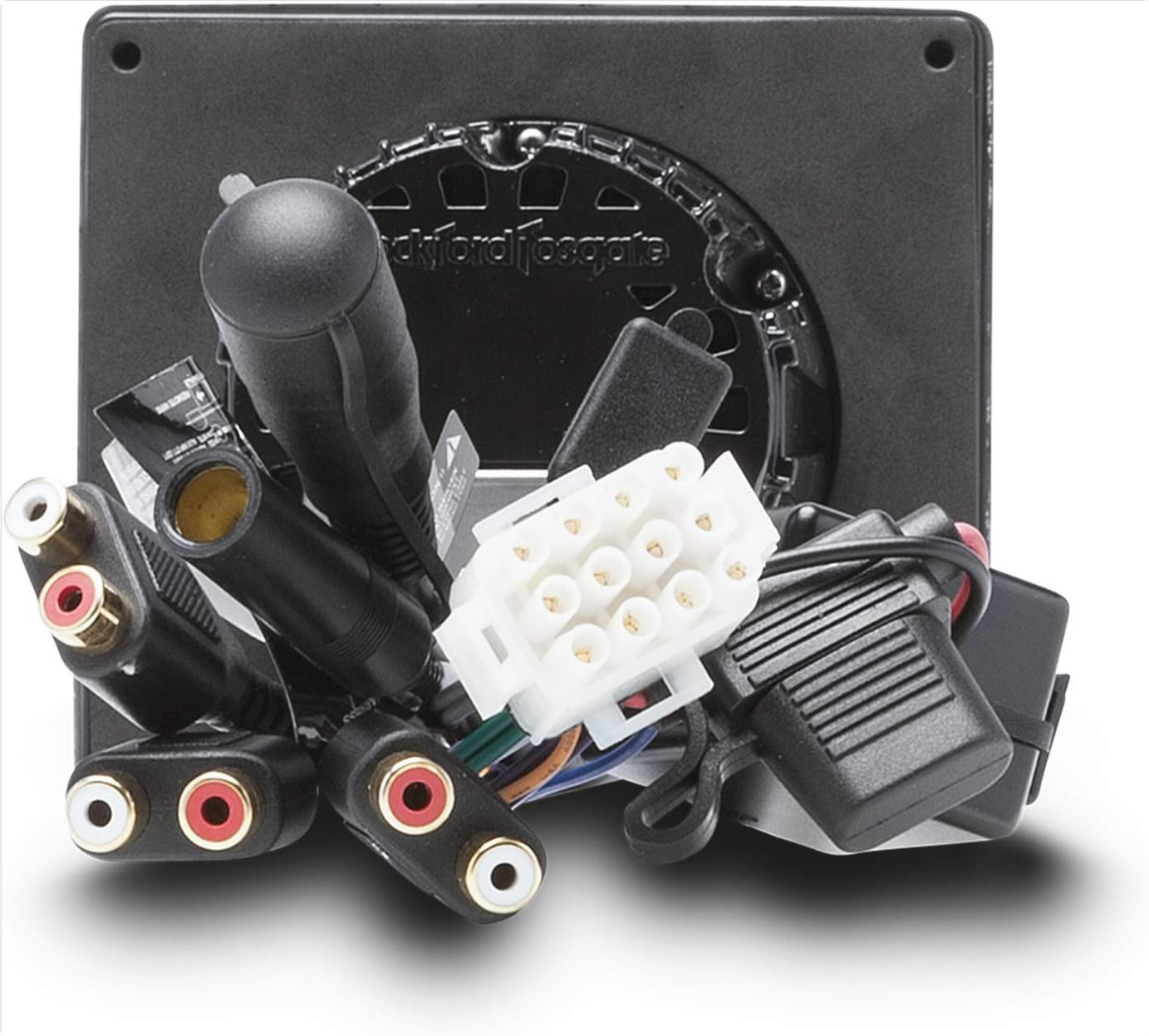

Figure 4: Rear connections of the PMX-2, including power, speaker, and RCA outputs.

Operating Instructions

Basic Operation

- **Power On/Off:** Press and hold the **MENU** button to power the unit on or off.
- **Volume Control:** Rotate the large central knob to adjust the volume.
- **Source Selection:** Press the **SRC** button to cycle through available audio sources (AM/FM/WB, Bluetooth, USB, AUX).
- **Subwoofer Control:** Use the **SUB +** and **SUB -** buttons to adjust the subwoofer output level independently.

Bluetooth Pairing

To pair your mobile device with the PMX-2 via Bluetooth:

1. Select Bluetooth as the audio source using the **SRC** button.
2. On your mobile device, search for available Bluetooth devices.
3. Select "Rockford PMX-2" from the list.
4. Once paired, you can stream audio and control playback directly from the PMX-2 or your device.

Figure 5: PMX-2 installed in a vehicle, demonstrating USB charging capability.

Tuner Operation (AM/FM/WB)

- Select AM, FM, or WB (Weather Band) using the**SRC** button.
- Use the **Forward** and **Backward** buttons to tune to stations.
- To save a preset, tune to the desired station, then press and hold one of the numbered preset buttons until the display confirms the save.

Maintenance

To ensure the longevity and optimal performance of your PMX-2 receiver, follow these maintenance guidelines:

- **Cleaning:** Use a soft, damp cloth to clean the display and exterior. Avoid abrasive cleaners or solvents.
- **Connections:** Periodically check all wiring connections for corrosion or looseness, especially in marine environments. Ensure all caps and covers for unused inputs/outputs are securely in place to maintain water resistance.

- **Storage:** If storing the vehicle or vessel for an extended period, ensure the unit is powered off and, if possible, disconnected from the main power source.

Troubleshooting

Problem	Possible Cause	Solution
No Power	Blown fuse; improper wiring; low battery voltage.	Check and replace fuse; verify power and ground connections; check battery.
No Audio Output	Incorrect source selected; volume too low; speaker wires disconnected; amplifier issues (if external).	Select correct source; increase volume; check speaker connections; troubleshoot external amplifier.
Bluetooth Not Connecting	Device not in pairing mode; unit not in Bluetooth source; interference.	Ensure device is discoverable; select Bluetooth source on PMX-2; move closer to unit; restart both devices.
Display Issues (e.g., blank, distorted)	Power fluctuation; internal fault.	Check power connections; if problem persists, contact customer support.

Specifications

Feature	Detail
Model Number	PMX-2
Product Dimensions	10 x 5.5 x 6.75 inches (2.9"D x 4.5"W x 1.65"H for main unit)
Item Weight	2.2 pounds
Display Technology	LCD, 2.7" Full Color TFT
Connectivity	Bluetooth, USB, AUX (3.5mm Jack), RCA
Audio Output Mode	Stereo (2.0 Surround Sound Channel Configuration)
Amplifier Power	4 x 50W @ 2ohm / 4 x 25W @ 4ohm
Tuner	AM/FM/WB (Weather Band)
Environmental Rating	IPX6 (Dust, UV, Temperature, Water, Corrosion & Vibration Resistant)
Manufacturer	Rockford Fosgate
Date First Available	June 23, 2015

Warranty & Support

The Rockford Fosgate PMX-2 comes with a full**2-year warranty**, covering defects in materials and workmanship under normal use. For warranty claims or technical assistance, please contact Rockford Fosgate customer support.
For additional information and detailed wiring diagrams, you can refer to the official User Manual (PDF) available online: Rockford Fosgate PMX-2 User Manual.

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