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Garmin MS-SRX400

Garmin Fusion Apollo MS-SRX400 Marine Zone Stereo User Manual

Model: MS-SRX400 | Part Number: 010-01983-00

1. Introduction

The Garmin Fusion Apollo MS-SRX400 is a compact marine zone stereo designed to deliver high-quality audio in a marine environment. It features built-in Wi-Fi, Apple AirPlay 2, Bluetooth connectivity, and Fusion's Digital Signal Processing (DSP) technology for optimized sound. This manual provides essential information for the installation, operation, and maintenance of your MS-SRX400 stereo.

1.1 Product Overview

The MS-SRX400 is engineered for seamless integration into your vessel's audio system, offering advanced features such as:

- Bright 2.7" optically bonded color LCD for clear display of album art and system information.
- Integrated Wi-Fi and Apple AirPlay 2 for high-quality audio streaming.
- Built-in Digital Signal Processing (DSP) with custom audio profiles for superior sound.
- Fusion PartyBus-Network technology for multi-zone audio control and synchronization.
- Robust Fusion True-Marine design for durability in harsh marine conditions.



Figure 1.1: Front view of the Garmin Fusion Apollo MS-SRX400 Marine Zone Stereo. This image shows the unit's display, rotary knob, and control buttons.

1.2 What's in the Box

Verify that all items are present in the package before beginning installation:

- Apollo™ SRX400 marine zone stereo
- Mounting gasket
- Four 8-gauge, self-tapping screws
- Two screw covers
- Power, speaker, line-out, and subwoofer-out wiring harness
- Documentation (this manual)

2. Setup and Installation

Proper installation is crucial for optimal performance and longevity of your marine stereo. It is recommended to have this unit installed by a qualified marine electronics technician.

2.1 Mounting Considerations

The MS-SRX400 is designed for flush mounting. Select a location that is protected from direct exposure to extreme weather conditions and allows for adequate ventilation around the unit. Ensure there is sufficient space behind the mounting surface for wiring connections.

1. Choose a flat mounting surface with sufficient clearance.

2. Use the provided mounting gasket as a template to mark the cutout area.
3. Carefully cut the opening in the mounting surface.
4. Drill pilot holes for the mounting screws.
5. Insert the stereo into the cutout and secure it with the provided screws.
6. Attach the screw covers for a finished appearance.



Figure 2.1: Side view of the MS-SRX400, illustrating the compact design and required mounting depth.

2.2 Wiring Connections

Connect the wiring harness to the corresponding ports on the back of the stereo. Ensure all connections are secure and properly insulated to prevent corrosion and electrical shorts.

- **Power:** Connect the red wire to a switched 12V DC power source and the black wire to ground.
- **Speakers:** Connect speaker wires to the appropriate speaker outputs on the harness. Observe correct polarity.
- **Line-Out/Subwoofer-Out:** Use these RCA connections for external amplifiers or subwoofers.
- **Ethernet:** Connect an Ethernet cable for Fusion PartyBus-Network functionality and software updates.



Figure 2.2: Rear view of the MS-SRX400, showing the wiring harness and Ethernet port connections.

3. Operating Instructions

3.1 Basic Controls

The MS-SRX400 features a user-friendly interface with a rotary knob and dedicated buttons for common functions.

- **Power Button:** Press to turn the unit on or off.
- **Rotary Knob:** Turn to adjust volume, navigate menus, and select options. Press to confirm selections.
- **Source Button:** Cycle through available audio sources (AM/FM, Bluetooth, Wi-Fi, UPnP).
- **Play/Pause, Skip Track Buttons:** Control media playback.

3.2 Audio Sources

The stereo supports various audio input methods:

- **AM/FM Radio:** Tune into local radio stations.
- **Bluetooth:** Pair your mobile device to stream audio wirelessly.
- **Wi-Fi (Apple AirPlay 2 / UPnP):** Connect to a Wi-Fi network to stream audio from compatible devices or services.

3.3 Bluetooth Pairing

1. Ensure Bluetooth is enabled on your mobile device.
2. On the MS-SRX400, select Bluetooth as the audio source.

3. The stereo will enter pairing mode.
4. On your mobile device, search for available Bluetooth devices and select "Fusion Apollo SRX400".
5. Confirm the pairing on both devices if prompted.



Figure 3.1: Example of a smartphone controlling the MS-SRX400 via the Fusion-Link app, displaying album art and playback controls.

3.4 Wi-Fi and Apple AirPlay 2

The MS-SRX400 can connect to a Wi-Fi network to enable high-quality audio streaming via Apple AirPlay 2 or UPnP (Universal Plug and Play).

- Access the network settings on the stereo to connect to an available Wi-Fi network.

- Once connected, compatible Apple devices can stream audio directly to the stereo using AirPlay 2.
- UPnP-enabled media servers can also stream content over the network.

3.5 Fusion PartyBus-Network

The Fusion PartyBus-Network allows for synchronized audio playback across multiple compatible Fusion Apollo stereos on your vessel. This enables features such as stereo grouping, individual zone volume control, and power options from any connected Apollo device.

- Connect the MS-SRX400 to an Ethernet network with other PartyBus-enabled devices.
- Use the stereo's menu or a compatible multifunction display (MFD) to configure PartyBus zones and settings.

3.6 Digital Signal Processing (DSP)

Fusion's built-in DSP technology optimizes audio output for your specific speakers and listening environment. Custom audio profiles are available to enhance sound quality and clarity.

- Access the DSP settings through the stereo's menu.
- Select from pre-configured profiles or customize settings for connected speakers and subwoofers.

4. Maintenance

4.1 Cleaning

To maintain the appearance and functionality of your stereo:

- Wipe the unit with a soft, damp cloth.
- Avoid using harsh chemicals or abrasive cleaners, as these can damage the display and finish.
- Ensure the unit is dry before operating.

4.2 Software Updates

Garmin Fusion regularly releases software updates to improve performance and add new features. The MS-SRX400 supports over-the-air software updates via Wi-Fi.

- Connect the stereo to a stable Wi-Fi network with internet access.
- Navigate to the system settings menu and check for available updates.
- Follow the on-screen prompts to download and install any updates. Do not power off the unit during an update.

5. Troubleshooting

If you encounter issues with your MS-SRX400, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Incorrect wiring, blown fuse, power supply issue.	Check power connections, inspect fuse, verify 12V DC supply.
No audio output	Incorrect speaker wiring, volume too low, wrong source selected, external amplifier off.	Verify speaker connections and polarity, increase volume, select correct audio source, ensure external amplifiers are powered on.

Problem	Possible Cause	Solution
Bluetooth not connecting	Device not in pairing mode, stereo not discoverable, interference.	Ensure both devices are in pairing mode, move closer to the stereo, restart both devices.
Wi-Fi connectivity issues	Incorrect network password, out of range, network interference.	Verify Wi-Fi password, move closer to the access point, check network settings.

For further assistance, refer to the official Garmin Fusion support resources.

6. Specifications

Feature	Detail
Model Number	010-01983-00
Product Dimensions (L x W x H)	4.81 x 4.33 x 2.76 inches
Item Weight	12 ounces (0.75 Pounds)
Connectivity Technologies	AM/FM, Apple AirPlay 2, UPnP, Bluetooth, Wi-Fi
Special Features	Built-In Bluetooth, Digital Signal Processing (DSP)
Human Interface Input	Buttons
Color	Black
Manufacturer	Garmin
Audio Output Mode	Stereo
Surround Sound Channel Configuration	2.0
Compatible Devices	MFDs, Remotes, Smart Devices, Speakers, Subwoofers

7. Warranty and Support

7.1 Limited Warranty

The Garmin Fusion Apollo MS-SRX400 Marine Zone Stereo comes with a**3-year limited consumer warranty**. This warranty covers defects in materials and workmanship under normal use. For full terms and conditions, please refer to the warranty documentation included with your product or visit the official Garmin website.

7.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Garmin customer support. You can find contact information and additional resources on the official Garmin website:

Visit Garmin Support

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