

## Fusion MS-RA70NSX

# Fusion MS-RA70NSX Marine Entertainment System and MS-ARX70B Wireless Remote Instruction Manual

Model: MS-RA70NSX | Brand: Fusion

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Fusion MS-RA70NSX Marine Entertainment System and the accompanying MS-ARX70B ANT Wireless Stereo Remote. The MS-RA70NSX is designed to deliver a high-quality on-water entertainment experience, featuring AM/FM tuner, Bluetooth audio streaming, USB playback, auxiliary input, and NMEA 2000 connectivity. The MS-ARX70B remote offers convenient multi-zone control from various locations on your vessel.

## SETUP

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### 1. Installation of MS-RA70NSX Marine Entertainment System

The MS-RA70NSX offers both flush and dash mounting options. Ensure proper ventilation around the unit. Refer to the included wiring diagram for correct power, speaker, and accessory connections. The front panel is IPX7 water-resistant when installed correctly.

- **Power Connection:** Connect the red wire to a switched 12V DC power source and the yellow wire to a constant 12V DC power source. Connect the black wire to ground.
- **Speaker Connections:** Connect your marine speakers to the designated speaker outputs. The unit supports 2 on-board amplified zones.
- **Auxiliary Input:** For external audio devices, connect via the stereo RCA input (AUX).
- **USB Connection:** A USB connector is located at the rear of the unit, supporting 1 amp charging and MP3 audio format playback.
- **NMEA 2000:** Connect to an NMEA 2000 network for wired remote control and integration with Fusion-Link supported Multi-Function Displays (MFDs).



Image: Front view of the Fusion MS-RA70NSX Marine Entertainment System, showing the display, rotary knob, and control buttons.

## 2. Installation of MS-ARX70B Wireless Remote

The MS-ARX70B remote is designed for easy installation without the need for holes, screws, or wires. It can be stuck onto any flat surface.

- **Mounting:** Choose a clean, flat surface for mounting the remote. Ensure the surface is dry and free of debris.
- **Pairing:** Follow the instructions in the MS-RA70NSX manual to pair the MS-ARX70B remote with the main entertainment system via ANT wireless technology.



Image: Front view of the Fusion MS-ARX70B ANT Wireless Stereo Remote, displaying volume, track, and power controls.

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## 1. Basic Controls (MS-RA70NSX)

- **Power Button:** Press to turn the unit on or off.
- **Rotary Knob:** Turn to adjust volume. Press to select menu options.
- **Source Button:** Press to cycle through available audio sources (AM/FM, USB, Bluetooth, AUX, SiriusXM).
- **Play/Pause:** Controls playback for USB and Bluetooth sources.
- **Skip/Track:** Skips tracks or tunes radio stations.
- **Menu/Back:** Accesses menu options or navigates back in menus.

## 2. Audio Sources

- **AM/FM Radio:** Select 'Tuner' as the source. Use the skip buttons to change stations or the rotary knob for fine-tuning. RDS is available where supported.
- **Bluetooth Audio Streaming:** Select 'Bluetooth' as the source. Pair your device via Bluetooth settings. The unit supports A2DP Bluetooth Audio Streaming with AVRCP.
- **USB Playback:** Insert a USB drive with MP3 files into the rear USB port. Select 'USB' as the source. The unit supports Apple iAP2 and Android AOA music.
- **Auxiliary Input:** Connect an external audio device to the AUX RCA inputs. Select 'AUX' as the source.
- **SiriusXM:** If a SiriusXM tuner (sold separately) is connected, select 'SiriusXM' as the source.

## 3. Fusion-Link Control

The MS-RA70NSX supports Fusion-Link for enhanced control options:

- **Fusion-Link Wireless:** Download the Fusion-Link remote control app from the Apple App Store or Google Play for control via Bluetooth.
- **Garmin Watch Control:** The Fusion-Link Lite app is available from the Garmin Connect IQ store for wireless control from compatible Garmin watches.
- **Fusion-Link Wired:** Compatible with Fusion marine NMEA 2000 wired remote controls and any Fusion-Link supported MFDs.

## 4. Multi-Zone Control

The system features 2 on-board amplified audio zones. Each zone can be named (up to 10 characters) and controlled independently for volume and source. Line out and subwoofer out are available for Zone 1, requiring external amplification.

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## MAINTENANCE

### 1. Cleaning

To clean the unit, use a soft, damp cloth. Avoid abrasive cleaners or solvents, as these can damage the finish and seals. Ensure the unit is powered off before cleaning.

### 2. Water Resistance

The MS-RA70NSX features an IPX7 water-resistant front panel, meaning it can withstand immersion in 1 meter of water for up to 30 minutes. The MS-ARX70B remote is rated IPX6 and IPX7 water resistant and UV stable. Ensure all covers and connections are properly sealed to maintain water resistance.

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## TROUBLESHOOTING

- **No Power:** Check all power connections (red, yellow, black wires) and ensure fuses are intact. Verify the vessel's battery has sufficient charge.
- **No Audio Output:** Confirm speakers are correctly wired and not short-circuited. Check volume levels on both the unit and any connected external devices. Ensure the correct audio source is selected.
- **Bluetooth Connection Issues:** Ensure the unit is in Bluetooth pairing mode and your device's Bluetooth is enabled. Try unpairing and re-pairing the device. Move closer to the unit to rule out range issues.
- **USB Playback Errors:** Verify the USB drive is formatted correctly and contains supported MP3 audio files. Ensure the USB drive is not damaged.
- **Remote Not Responding:** Check the battery in the MS-ARX70B remote. Ensure the remote is paired with the main unit.
- **Display Not Working:** Check power connections. If the unit powers on but the display is blank, contact Fusion support.

## SPECIFICATIONS

<b>Brand</b>	Fusion
<b>Model Number</b>	FUSBDL190710-21 (Bundle) / MS-RA70NSX (Head Unit)
<b>Connectivity Technology</b>	Auxiliary, Bluetooth, RCA, USB, NMEA 2000
<b>Controller Type</b>	Android, Garmin Watch, Remote
<b>Special Feature</b>	RDS, IPX7 Water Resistant Front Panel
<b>Compatible Devices</b>	Smartphone, Garmin Watch, NMEA 2000 MFDs
<b>Audio Output Mode</b>	Stereo
<b>Surround Sound Channel Configuration</b>	5.1 (Requires amplification for full setup)
<b>Color</b>	Black
<b>Product Dimensions (MS-RA70NSX)</b>	14.5"D x 17"W x 13.38"H
<b>Output Power</b>	4 x 50W (@ 4 Ohms) Class-AB Amplifier
<b>Number of Channels</b>	4
<b>Supported Internet Services</b>	SiriusXM (with optional tuner)
<b>Control Method</b>	Remote, App, Wired Remote
<b>Wireless Technology</b>	Bluetooth, ANT
<b>USB Audio Format</b>	MP3
<b>Water Resistance (MS-ARX70B)</b>	IPX6 and IPX7

## WARRANTY INFORMATION

The Fusion MS-RA70NSX Marine Entertainment System comes with a 1-Year Manufacturer Warranty Standard. An extended warranty of up to three years may be available when the product is installed by a certified dealer. Please refer to your warranty card or contact Fusion customer support for specific terms and conditions.

## SUPPORT

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For further assistance, technical support, or service inquiries, please visit the official Fusion Entertainment website or contact their customer service department. Keep your product model number (MS-RA70NSX) and serial number ready when contacting support.

**Online Resources:**

- [Fusion Entertainment Official Website](#)
- [Product Support Pages](#)
- [Frequently Asked Questions \(FAQs\)](#)