

Soundstream VRCPAA-70MW

Soundstream VRCPAA-70MW User Manual

7" Wireless Apple CarPlay Android Auto Bluetooth Stereo

1. INTRODUCTION

Thank you for choosing the Soundstream VRCPAA-70MW 2-DIN multimedia receiver. This unit is designed to provide a comprehensive in-car entertainment and connectivity solution, featuring wireless Apple CarPlay and Android Auto, Bluetooth connectivity, and versatile media playback options. This manual provides essential information for the proper installation, setup, and operation of your new stereo system.

The VRCPAA-70MW integrates seamlessly into most newer vehicles with its 2-DIN chassis. Enjoy a high-resolution 7-inch TFT-LCD display with a responsive capacitive touchscreen, designed for ease of use and minimal distraction while driving.

2. SAFETY INFORMATION

Please read all instructions carefully before installation and operation. Failure to follow these guidelines may result in injury or damage to the unit or vehicle.

- **Professional Installation Recommended:** Due to the complexity of car audio systems, professional installation is highly recommended.
- **Power Source:** Connect the unit only to a 12V DC negative ground electrical system.
- **Wiring:** Ensure all wiring is correctly connected. Incorrect wiring can cause damage to the unit or vehicle. Insulate all exposed wires to prevent short circuits.
- **Driving Safety:** Do not operate the unit in a manner that distracts you from driving. Always prioritize road safety.
- **Temperature:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.
- **Moisture:** Keep the unit away from moisture and water to prevent electrical shock or damage.
- **Ventilation:** Ensure adequate ventilation around the unit to prevent overheating.

3. PACKAGE CONTENTS

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

- Soundstream VRCPAA-70MW Multimedia Receiver
- Wireless Direct Select Remote Control

- Wiring Harnesses (Power, Speaker, RCA)
- Mounting Hardware (Brackets, Screws)
- User Manual (This Document)

4. INSTALLATION

This section provides general guidelines for installing the VRCPAA-70MW. Specific vehicle requirements may vary. Consult your vehicle's service manual or a professional installer if unsure.

4.1 Wiring Diagram Overview

Refer to the detailed wiring diagram provided with your unit for precise connections. Key connections include:

- **Power:** Constant 12V (Yellow), Accessory 12V (Red), Ground (Black).
- **Speakers:** Front Left/Right, Rear Left/Right (typically Green, Purple, Gray, White pairs).
- **Rear View Camera Input:** Connect to a compatible rear view camera. The unit supports a manual and 12V trigger for camera activation.
- **OEM Steering Wheel Control:** The unit accepts wiring for integration with your vehicle's existing steering wheel controls (adapter may be required, sold separately).
- **RCA Outputs:** Front, Rear, Subwoofer 4V RCA Audio Outputs for external amplifiers.
- **Video Output:** Dual Video RCA Output to auxiliary monitors.
- **USB Input:** Rear USB port for multimedia playback.

VRCPAA-70MW - WIRELESS CARPLAY & ANDROID AUTO
2-DIN DIGITAL MEDIA CAR STEREO W/ APPLE CARPLAY, ANDROID AUTO, & 7" LCD



VRCPAA-70M/MW GENERAL INFORMATION

ISO 2-DIN CHASSIS INSTALLS IN MOST VEHICLES
800x480 RESOLUTION WVGA 7" LCD DISPLAY
PINPOINT ACCURACY CAPACITIVE TOUCHSCREEN
WORKS W/ APPLE CARPLAY & SIRI EYES FREE
WORKS W/ ANDROID AUTO & GOOGLE ASSISTANT
WIFI FOR WIRELESS CARPLAY & ANDROID AUTO (VRCPAA-70MW)
BLUETOOTH V5.0 HANDS FREE WIRELESS CONNECTIVITY
MP3 & MP4 PLAYBACK FROM 64GB USB OR MICRO SD CARD
ADVANCED FM/AM TUNER WITH RDS DATA DISPLAY
ACCEPTS ANALOG OEM STEERING WHEEL CONTROLS
REAR BACK-UP CAMERA & FRONT VIEW CAMERA INPUT
10-BAND DIGITAL AUDIO EQ & WITH USER PRESETS
WIRELESS DIRECT SELECT REMOTE CONTROL INCLUDED

BLUETOOTH V5.0 HANDS-FREE WIRELESS CONNECTIVITY

HANDS-FREE PROFILE DIALS & RECEIVES CALLS & DISPLAYS CALL LOGS
PHONE BOOK ACCESS PROFILE DISPLAYS CALLER ID INFO & CONTACTS
AUDIO/VIDEO REMOTE CONTROL PROFILE ENABLES PLAYBACK CONTROLS
ADVANCED AUDIO DISTRIBUTION PROFILE STREAMS AUDIO WIRELESSLY

AUDIO/VIDEO CONFIGURATIONS

FRONT & REAR RCA PRE-AMP AUDIO OUTPUTS
SUBWOOFER RCA PRE-AMP AUDIO OUTPUT
VIDEO RCA OUTPUT TO AUXILIARY DEVICES
REAR AUDIO/VIDEO INPUT FOR PERSONAL MEDIA DEVICES
REAR VIEW CAMERA INPUT MANUAL & AUTO-TRIGGER
FRONT CAMERA RCA INPUT W/ ON-SCREEN TRIGGER
300W 4CH. HIGH POWER MOSFET SPEAKER OUTPUTS

Figure 4.1: Overview of the VRCPAA-70MW unit, highlighting various features and connectivity options. This image shows the front panel, side profile, and a general overview of the unit's capabilities including Apple CarPlay and Android Auto compatibility, Bluetooth, and audio/video inputs/outputs.

4.2 Mounting the Unit

1. Remove the existing car stereo from the dashboard.
2. Attach the supplied mounting brackets to the VRCPAA-70MW unit.
3. Connect all necessary wiring harnesses (power, speakers, antenna, etc.) to the unit.
4. Carefully slide the unit into the dashboard opening until it clicks into place or is secured with screws.
5. Reassemble the dashboard trim.

5. INITIAL SETUP AND CONNECTIVITY

5.1 Bluetooth Pairing

The VRCPAA-70MW features Bluetooth wireless connectivity for hands-free calling and audio streaming.

1. Turn on the VRCPAA-70MW unit.

2. On your mobile device, enable Bluetooth and search for available devices.
3. Select "VRCPAA-70MW" from the list of found devices.
4. If prompted, enter the pairing code (usually "0000" or "1234").
5. Once paired, the unit will confirm the connection. You can now make/receive calls and stream audio wirelessly.

5.2 Wireless Apple CarPlay / Android Auto Setup

The unit supports wireless Apple CarPlay and Android Auto for seamless smartphone integration.

1. Ensure your iPhone (for CarPlay) or Android phone (for Android Auto) has Wi-Fi and Bluetooth enabled.
2. Connect your phone to the VRCPAA-70MW via Bluetooth as described in Section 5.1.
3. Once Bluetooth is connected, the unit will prompt you to enable CarPlay or Android Auto. Confirm the connection on both the unit and your phone.
4. For Android Auto, ensure the Android Auto app is installed and updated on your phone.
5. For CarPlay, ensure Siri is enabled on your iPhone.
6. The CarPlay or Android Auto interface will appear on the unit's display.



Figure 5.1: The VRCPAA-70MW display showcasing the Android Auto interface with various applications like Maps, Spotify, YouTube Music, and Phone. This illustrates the user-friendly layout for accessing smartphone features.

6. OPERATING INSTRUCTIONS

6.1 User Interface and Touchscreen

The VRCPAA-70MW features a 7-inch HD high-resolution TFT-LCD display with a pinpoint accuracy capacitive touchscreen. Navigate through menus and select functions by touching the corresponding icons or areas on the screen. The large format user interface is designed to reduce distraction while driving.

RGB Lighting Customization: The unit offers 7-color selectable touch key illumination. Access the settings menu to choose your preferred color to match your vehicle's interior or personal preference.

6.2 Apple CarPlay Operation

When connected, CarPlay allows you to safely use your iPhone's features on the stereo display:

- **Navigation:** Use Apple Maps or other supported navigation apps for turn-by-turn directions.
- **Calls & Messaging:** Make and receive calls, and send/receive messages using Siri voice commands.
- **Music & Podcasts:** Access your music library, Spotify, Apple Music, and podcast apps.
- **Siri Assistant:** Activate Siri by pressing the voice command button on the unit or steering wheel (if connected) to control functions hands-free.
- **Personalization:** Customize the arrangement of app icons directly from your iPhone settings.

6.3 Android Auto Operation

When connected, Android Auto provides a streamlined interface for Android phone features:

- **Navigation:** Utilize Google Maps for real-time traffic alerts and navigation.
- **Calls & Messaging:** Make calls and send/receive messages using Google Assistant.
- **Music & Media:** Play music, podcasts, and news from your favorite apps.
- **Google Assistant:** Activate Google Assistant by pressing the voice command button to control functions hands-free.

6.4 Multimedia Playback

The unit supports rear USB multimedia playback for various audio and video files.

- **USB/MicroSD:** Play MP3 & WMA audio files and MP4 & H264 video files from a 64GB USB drive or MicroSD card.
- **ID3 Tag Reading:** Displays track and artist information for MP3 files.
- **Audio/Video Input:** Rear Audio/Video Input for connecting external media devices.

6.5 Radio Tuner

The VRCPAA-70MW features an advanced FM/AM tuner with data display.

- **Station Search:** Use the touchscreen controls to scan for available radio stations.
- **Presets:** Save your favorite stations to preset buttons for quick access.
- **Data Display:** View station information (RDS) where available.

7. MAINTENANCE

Proper care will ensure the longevity and optimal performance of your VRCPAA-70MW unit.

- **Cleaning the Display:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen cleaner designed for electronics. Do not use abrasive cleaners or solvents.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean vents and button crevices.
- **Avoid Liquids:** Do not spill liquids directly onto the unit.
- **Temperature Extremes:** While designed for automotive use, avoid leaving the vehicle in extreme hot or cold conditions for extended periods, as this can affect electronic components.

8. TROUBLESHOOTING

If you encounter issues with your VRCPAA-70MW, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Incorrect wiring; Blown fuse; Vehicle battery issue.	Check power and ground connections. Inspect the unit's fuse and vehicle's fuse box. Ensure battery is charged.
No Sound	Speaker wires disconnected; Volume too low; Mute activated; Incorrect audio source.	Verify speaker connections. Increase volume. Check if mute is on. Select correct audio source (Radio, USB, Bluetooth, CarPlay/Android Auto).
Bluetooth Not Connecting	Bluetooth not enabled on phone/unit; Incorrect pairing process; Interference.	Ensure Bluetooth is on for both devices. Delete previous pairings and re-pair. Move closer to the unit. Restart both devices.
CarPlay/Android Auto Not Launching	Bluetooth not connected; App not updated; Phone settings.	Ensure Bluetooth is active and connected. Update CarPlay/Android Auto app on phone. Check phone settings for permissions. Restart phone and unit.
USB Playback Issues	Unsupported file format; USB drive not formatted correctly; Corrupt files.	Ensure files are MP3/WMA (audio) or MP4/H264 (video). Format USB drive to FAT32. Try a different USB drive or files.

If the problem persists after trying these solutions, please contact Soundstream customer support or a qualified service technician.

9. SPECIFICATIONS

Feature	Detail
Model	VRCPAA-70MW
Display	7" HD High-Resolution TFT-LCD, Capacitive Touchscreen
Chassis Type	2-DIN Mechless
Connectivity	Wireless Apple CarPlay, Android Auto, Bluetooth
Bluetooth Profiles	Hands-Free Profile (HFP), Phone Book Access Profile (PBAP), Audio/Video Remote Control Profile (AVRCP), Advanced Audio Distribution Profile (A2DP)
USB Playback	MP3, WMA, MP4, H264 (up to 64GB USB/MicroSD)
Audio Outputs	Front, Rear, Subwoofer 4V RCA Audio Outputs
Video Outputs	Dual Video RCA Output
Audio Input	Rear Audio/Video Input
Camera Input	Rear View Camera Input (Manual & 12V Trigger)
Power Output	300W 4Ch High Power Speaker Outputs

Feature	Detail
Dimensions (Product)	6.5"D x 7"W x 5.5"H (16.51 x 17.78 x 13.97 cm)
Item Weight	4 pounds (1.81 kg)
Manufacturer	Soundstream

10. WARRANTY AND SUPPORT

Soundstream products are designed and manufactured to the highest quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Soundstream website. Keep your proof of purchase for warranty claims.

For technical support, troubleshooting assistance beyond this manual, or warranty inquiries, please contact Soundstream customer service directly. Contact information can typically be found on the manufacturer's website or in the product packaging.

Manufacturer: Soundstream
Model: VRCPAA-70MW

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

