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Soundstream VM-700HB

Soundstream VM-700HB 2-DIN 7” LCD Digital Media Receiver

Model: VM-700HB

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Soundstream VM-700HB 2-DIN 7” LCD Digital Media Receiver. This unit is designed to enhance your in-car entertainment experience with features such as a 7-inch LCD display, Android PhoneLink, Bluetooth connectivity, and various media playback options. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.

1. Setup and Installation

Proper installation is crucial for optimal performance and safety. It is recommended that installation be performed by a qualified professional.

1.1. Pre-Installation Checks

- Ensure the vehicle's battery is disconnected before starting installation to prevent electrical shorts.
- Verify all included accessories and parts are present.
- Confirm the vehicle's dashboard opening is compatible with a 2-DIN unit.

1.2. Mounting the Unit

The VM-700HB is a standard 2-DIN size. Use the supplied mounting brackets and screws to secure the unit into the vehicle's dashboard opening. Ensure the unit is firmly seated to prevent vibration and movement.



Figure 1.2.1: Side view of the VM-700HB showing the mounting screw holes and bracket attachment points. These points are used to secure the unit within the vehicle's dashboard.

1.3. Wiring Connections

Carefully connect all wires according to the wiring diagram provided with your unit. Incorrect wiring can cause damage to the unit or vehicle's electrical system.

- **Power Wires:** Connect the yellow wire to constant 12V, red wire to accessory 12V, and black wire to ground.
- **Speaker Wires:** Connect speaker wires to the corresponding vehicle speaker wires, ensuring correct polarity.
- **RCA Outputs:** For external amplifiers, connect the RCA pre-outs (Front, Rear, Subwoofer) to the amplifier's inputs.
- **Video Input/Output:** Connect external video sources or monitors as needed.
- **USB Port:** Connect USB devices for media playback or PhoneLink.
- **Auxiliary Input:** Connect external audio devices via the 3.5mm jack.



Figure 1.3.1: Rear view of the VM-700HB, illustrating the various RCA outputs (yellow, white, red for video and audio), speaker wire harness connection, and other input/output ports. Proper connection of these ports is essential for full functionality.

2. Operating Instructions

This section details the primary functions and operations of your VM-700HB receiver.

2.1. Basic Controls and Interface

The unit features a 7-inch LCD touchscreen for most operations, supplemented by physical buttons and a rotary encoder on the left side.



Figure 2.1.1: Front view of the VM-700HB, showcasing its 7-inch LCD touchscreen with the main user interface. The interface displays icons for Radio, Bluetooth, USB, AV in, Link (PhoneLink), Setup, and Display settings.

- **Power/Volume Knob:** Press to turn on/off, rotate to adjust volume.
- **Home Button:** Returns to the main menu.
- **Source Selection:** Tap icons on the touchscreen (Radio, Bluetooth, USB, AV in, Link) to switch between audio/video sources.
- **Settings (Setup):** Access system settings, audio adjustments, and display preferences.

2.2. Radio Operation

- Tap the "Radio" icon on the main screen.
- Use the on-screen controls to scan for stations, manually tune, or select preset stations.

2.3. Bluetooth Connectivity

The VM-700HB supports Bluetooth for hands-free calling and audio streaming.

1. Tap the "Bluetooth" icon on the main screen.
2. On your mobile device, search for Bluetooth devices and select "Soundstream VM-700HB".
3. Confirm pairing on both devices.
4. Once connected, you can make/receive calls and stream audio wirelessly.

2.4. USB Playback

- Insert a USB flash drive into the USB port.
- Tap the "USB" icon. The unit will automatically detect and display compatible media files (audio, video, images).
- Use the on-screen controls for playback, pause, skip, and folder navigation.

2.5. Android PhoneLink

The PhoneLink feature allows for screen mirroring and control of select Android smartphones directly from the receiver's touchscreen.

1. Connect your Android smartphone to the unit's USB port using a compatible USB cable.
2. Tap the "Link" icon on the main screen.
3. Follow the on-screen prompts on both the receiver and your smartphone to establish the connection. This may require enabling USB debugging or specific PhoneLink settings on your phone.
4. Once connected, your phone's screen will be mirrored on the VM-700HB display, and you can interact with your phone's apps via the touchscreen.



Figure 2.5.1: The VM-700HB displaying the Soundstream logo on its screen, indicating power is on and the unit is ready for operation or PhoneLink connection. The side view shows the physical controls and USB port.

3. Maintenance

Regular maintenance ensures the longevity and optimal performance of your digital media receiver.

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **General Care:** Keep the unit free from dust and debris. Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Firmware Updates:** Periodically check the Soundstream official website for any available firmware updates for the VM-700HB. Follow the instructions provided with the update package carefully.

4. Troubleshooting

This section addresses common issues you might encounter and provides basic troubleshooting steps.

Problem	Possible Cause	Solution
No power/Unit does not turn on.	Incorrect wiring; Blown fuse; Vehicle battery low.	Check power and ground connections. Inspect vehicle's fuse box and unit's fuse. Check vehicle battery voltage.
No sound.	Volume too low; Mute activated; Incorrect speaker wiring; Amplifier not powered.	Increase volume. Check mute status. Verify speaker connections and polarity. Ensure external amplifier is powered on.

Problem	Possible Cause	Solution
Touchscreen unresponsive or inaccurate.	System glitch; Screen calibration needed.	Perform a soft reset (refer to manual for specific method, usually a small reset button). If available, recalibrate the touchscreen in settings.
Bluetooth connection issues.	Device not in pairing mode; Interference; Previously paired device connected.	Ensure both devices are in pairing mode. Move closer to the unit. Disconnect other Bluetooth devices. Delete previous pairings and re-pair.
PhoneLink not working.	Incorrect USB cable; Phone settings; App not installed.	Use a high-quality USB data cable. Check phone's USB debugging or PhoneLink settings. Ensure any required PhoneLink app is installed on your phone.

If the problem persists after attempting these solutions, please contact Soundstream customer support.

5. Specifications

Key technical specifications for the Soundstream VM-700HB.

Product Dimensions: 8.23 x 6.5 x 5.55 inches

Item Weight: 2.01 pounds

Model Number: VM-700HB

Display: 7" LCD

Connectivity Technology: RCA, Bluetooth, Auxiliary, USB

Controller Type: Android (for PhoneLink)

Compatible Devices: Smartphone, Speaker

Audio Output Mode: Stereo

Surround Sound Channel Configuration: 4.0

Video Encoding: H.264

Output Power: 50 Watts

Wattage: 200 Watts

6. Warranty Information

Soundstream products are manufactured to the highest quality standards. This product is covered by a limited warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region and purchase location. Please retain your proof of purchase for warranty claims.
For detailed warranty information, including coverage period and claim procedures, please refer to the warranty card included with your product or visit the official Soundstream website.

7. Customer Support

If you have any questions, require technical assistance, or need to report an issue with your Soundstream VM-700HB, please contact Soundstream customer support.

- Visit the official Soundstream website for FAQs, support resources, and contact information.
- Have your product model number (VM-700HB) and proof of purchase ready when contacting support.

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