Soundstream VM-622HB

Soundstream VM-622HB 6.2-Inch Double-DIN Mechless Head Unit User Manual

Model: VM-622HB

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Soundstream VM-622HB Double-DIN Mechless Head Unit. Please read this manual thoroughly before using the product to ensure correct usage and to prevent damage. Keep this manual for future reference.

2. Product Features

- **Display:** 6.2-inch, 800 x 480 LCD screen with adjustable backlight, clear glass, and SmartSense capacitive, antiglare touch screen.
- **Audio Output:** 75 watts max x 4 channels output power from a Class AB amplifier.
- **Preamp Outputs:** RCA preamp outputs for front, rear, and subwoofer speakers.
- **Video Outputs:** Two RCA video outputs for rear seat entertainment systems.
- **Chassis:** ISO 2-DIN chassis with included mounting sleeve, designed for double-DIN head unit replacement.
- **Connectivity:** Bluetooth for audio streaming and hands-free calls, Auxiliary input, RCA connections.
- **PhoneLink:** Android PhoneLink compatibility for smartphone integration.
- **Customization:** Variable RGB lighting for buttons and faceplate accents.
- **Special Features:** Built-in Equalizer and Touchscreen control.



Figure 2.1: Front view of the Soundstream VM-622HB head unit displaying its user interface.

3. Setup and Installation

3.1 Unpacking

Carefully remove the head unit and all accessories from the packaging. Verify that all components listed in the 'What's in the Box' section are present.

3.2 Wiring Connections

Before installation, ensure the vehicle's battery is disconnected to prevent electrical shorts. Refer to the wiring diagram provided with your unit for specific connections. Common connections include:

- **Power:** Constant 12V (yellow), Accessory 12V (red), Ground (black).
- **Speakers:** Connect to the vehicle's speaker wires (typically 4 pairs).
- **RCA Outputs:** For external amplifiers (front, rear, subwoofer) and video monitors.
- **Antenna:** Connect to the vehicle's radio antenna.
- **Parking Brake:** Connect to the parking brake wire for video playback safety.



Figure 3.1: Rear view of the head unit, illustrating various connection ports including RCA outputs.

3.3 Mounting

The VM-622HB uses an ISO 2-DIN chassis. Install the included mounting sleeve into your vehicle's dashboard opening. Secure the head unit into the sleeve until it locks into place. Ensure all connections are secure before

fully seating the unit.

Note: Professional installation is recommended for optimal performance and to avoid damage to the unit or vehicle.

4. Operating Instructions

4.1 Power On/Off

Press the power button (usually located on the front panel or indicated by an icon) to turn the unit on or off. The unit will typically power on automatically when the vehicle's ignition is turned on.

4.2 Source Selection

Tap the 'Source' or 'Mode' icon on the touchscreen to cycle through available audio/video sources such as Radio, Bluetooth, USB, SD, and Auxiliary Input.

4.3 Volume Control

Adjust the volume using the on-screen controls or physical buttons if available. Tap the '+' icon to increase volume and '-' to decrease.

4.4 Bluetooth Pairing

1. Ensure Bluetooth is enabled on your mobile device.
2. On the head unit, select the 'Bluetooth' source.
3. Search for available devices on your mobile phone. The unit will appear as 'Soundstream' or 'VM-622HB'.
4. Select the unit from your phone's list and confirm the pairing code if prompted.
5. Once paired, you can stream audio or make hands-free calls.

4.5 Android PhoneLink

The PhoneLink feature allows mirroring of your Android smartphone's screen onto the head unit's display. Connect your Android phone via USB and follow the on-screen prompts on both the head unit and your phone to establish the connection. Ensure your phone has the necessary mirroring application installed.



Figure 4.1: The head unit displaying the Soundstream logo, indicating readiness for operation.

5. Maintenance

5.1 Cleaning the Display

Use a soft, dry, 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.

5.2 General Care

Keep the unit free from dust and debris. Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods. Ensure proper ventilation around the unit.

6. Troubleshooting

Problem	Possible Cause	Solution
No Power	Blown fuse, incorrect wiring, loose connection.	Check vehicle fuses and the unit's fuse. Verify power and ground wiring connections. Ensure all harnesses are securely plugged in.
No Sound	Volume too low, mute activated, incorrect source, speaker wiring issues.	Increase volume. Check if mute is active. Select correct audio source. Inspect speaker wiring for shorts or disconnections.
Bluetooth Not Connecting	Bluetooth not enabled, device not in pairing mode, interference.	Ensure Bluetooth is on for both devices. Put the phone in pairing mode. Delete previous pairings and try again. Move closer to the unit.
Touchscreen Unresponsive	System freeze, dirt on screen.	Perform a soft reset (refer to unit's specific reset procedure, often a small reset button). Clean the screen.
PhoneLink Not Working	Incorrect USB connection, incompatible phone app, phone settings.	Ensure a proper USB data connection. Verify the required PhoneLink app is installed and updated on your Android device. Check phone's USB debugging or mirroring settings.

7. Specifications

- **Model Number:** VM-622HB
- **Display Size:** 6.2 inches
- **Display Resolution:** 800 x 480
- **Amplifier Output:** 75 watts max x 4 channels (Class AB)
- **Chassis Type:** ISO 2-DIN
- **Connectivity:** Bluetooth, Auxiliary, RCA, USB, SD Card
- **Compatible Devices:** Smartphone (Android PhoneLink)

- **Audio Output Mode:** Stereo, 4 Channel Surround
- **Video Encoding Support:** H.264, H.265, VC-1
- **Special Features:** Equalizer, Touchscreen, Variable RGB Lighting
- **Product Dimensions:** 8 x 4.5 x 4 inches
- **Item Weight:** 2.27 pounds
- **Power Source:** 12V DC (vehicle battery)
- **Remote Control Battery:** 1 CR2 battery (required for remote, not included with main unit)
- **Manufacturer:** SOUNDSTREAM
- **Date First Available:** July 12, 2019

8. Warranty and Support

For warranty information and technical support, please refer to the warranty card included with your product or contact Soundstream customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Manufacturer: SOUNDSTREAM

Website: Please visit the official Soundstream website for the most current support information and contact details.

© 2023 Soundstream. All rights reserved.