

## Soundstream VRN-DD7HB

# Soundstream VRN-DD7HB Double DIN Bluetooth In-Dash Car Stereo Receiver

Instruction Manual

## 1. PRODUCT OVERVIEW

The Soundstream VRN-DD7HB is a state-of-the-art Double DIN Bluetooth In-Dash Car Stereo Receiver featuring a unique dual-display multimedia system. This innovative design allows for multitasking, enabling the simultaneous operation of two distinct platforms. Users can manage the integrated iGO powered GPS system on the upper display while utilizing Android Phone Link for screen mirroring of their smart device on the lower display. The system also supports standard car multimedia functions including DVD playback, Bluetooth connectivity for hands-free calling and audio streaming, USB media playback, FM radio, and rear view camera input.

### Key Features:

- **Smart Sense Glass Panel Touch Screen Technology:** Provides intuitive and responsive control.
- **Bluetooth V4.0 Hands-Free Calling:** Seamlessly connect your enabled phone for safe communication.
- **A2DP Wireless MP3 Audio Playback:** Stream music wirelessly from your Bluetooth-enabled devices.
- **Built-in Front Panel Bluetooth Microphone:** Ensures clear audio during calls.
- **800x480 Widescreen Resolution:** Delivers clear visuals for navigation and media.
- **Accepts OEM Steering Wheel Control Interfaces:** Integrate with your vehicle's existing steering wheel controls (adapter may be required).
- **Rear View Camera Input Trigger:** Automatically displays the rear camera feed when reversing.

## 2. SETUP AND INSTALLATION

Professional installation is recommended for this car stereo receiver. Ensure the vehicle's battery is disconnected before beginning installation. Refer to the detailed wiring diagram provided in the separate installation guide for specific connections.

### Components in the Box:

- Receiver Unit
- Remote Control
- Mounting Hardware
- Wiring Harness

- Instruction Manual

### Key Installation Considerations:

- **Power Connection:** Connect the yellow wire to constant 12V, red to accessory 12V, and black to ground.
- **Speaker Connections:** Connect all speaker wires to the corresponding vehicle speaker wires, ensuring correct polarity.
- **Antenna Connection:** Connect the vehicle's antenna to the receiver.
- **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky for optimal signal reception.
- **Rear View Camera:** Connect the camera input and trigger wire for automatic display when reversing.
- **Steering Wheel Controls:** If your vehicle has OEM steering wheel controls, an additional interface module (e.g., Axxcess ASWC-1) may be required for functionality.

## 3. OPERATING INSTRUCTIONS

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The VRN-DD7HB features a dual-display system allowing for simultaneous operation of navigation and multimedia functions. The upper display is primarily for GPS, while the lower display handles other multimedia features.

### 3.1 Dual Display Functionality

The system is designed for concurrent operating systems. The upper display is dedicated to the iGO Primo GPS navigation. The lower display manages all other audio and video sources, including radio, Bluetooth, USB, SD, and DVD.



**Figure 1:** The Soundstream VRN-DD7HB displaying GPS navigation on the upper screen and multimedia controls on the lower screen. The navigation screen shows a map with street names and route information, while the lower screen provides access to various audio and video sources.

### 3.2 Bluetooth Connectivity

Connect your smartphone via Bluetooth for hands-free calling and A2DP audio streaming.

1. Access the Bluetooth menu from the main interface.
2. Enable Bluetooth on your smartphone and search for available devices.
3. Select "Soundstream" or "VRN-DD7HB" from your phone's Bluetooth list.
4. Enter the pairing code (default is typically "0000" or "1111") if prompted.
5. Once paired, you can make/receive calls and stream audio.

### 3.3 Phone Link (Apple CarPlay & Android Auto)

The VRN-DD7HB supports Android Phone Link, which mirrors your smart device's screen. For Apple CarPlay and Android Auto functionality, refer to the specific model's capabilities and ensure your device is compatible.

**Video 1:** This video demonstrates the Apple CarPlay features on a Soundstream unit. It shows how to navigate through various applications like Phone, Music, Maps, Messages, and other third-party apps, as well as accessing radio and other functions within the CarPlay interface.

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**Video 2:** This video showcases the features and functions of a Soundstream unit, including Apple CarPlay and Android Auto. It illustrates how to access music, navigation, phone calls, and other applications through both interfaces, as well as demonstrating USB and SD card media playback and equalizer settings.

### 3.4 Media Playback (USB/SD/DVD)

The unit supports audio and video playback from USB drives, SD cards, and DVDs.

- Insert your USB drive into the designated port or an SD card into the slot.
- Insert a DVD into the disc slot.
- Select the corresponding source (USB, SD, or Disc) from the main menu.
- Browse and select your desired media files for playback.

### 3.5 Radio Operation

Access the radio tuner for FM and AM stations.

- Select the "Radio" icon from the main menu.
- Use the seek buttons to find stations or manually tune.
- Save your favorite stations to presets for quick access.

### 3.6 Equalizer Settings

Adjust audio output to your preference using the built-in equalizer.

- Navigate to the "EQ" or "Sound Settings" menu.
- Choose from preset equalizer modes (e.g., Pop, Rock, Jazz, Electric) or customize your own settings.

## 4. MAINTENANCE

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To ensure optimal performance and longevity of your Soundstream VRN-DD7HB receiver, follow these maintenance guidelines:

- **Screen Cleaning:** 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 harsh chemicals or abrasive materials.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean around buttons and ports.
- **Software Updates:** Periodically check the Soundstream website for any available firmware or map updates for the iGO GPS system. Follow the instructions carefully to perform updates.
- **Avoid Extreme Temperatures:** Do not expose the unit to prolonged direct sunlight or extreme cold, as this can affect performance and display life.

## 5. TROUBLESHOOTING

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If you encounter issues with your VRN-DD7HB, refer to the following common troubleshooting steps:

### 5.1 No Power/Unit Not Turning On

- Check all power connections (constant 12V, accessory 12V, ground) for secure contact.
- Verify the vehicle's fuse for the stereo is intact.

- Ensure the vehicle's ignition is on (for accessory power).

## 5.2 No GPS Signal or Inaccurate Navigation

- Ensure the GPS antenna is properly connected and mounted in a location with an unobstructed view of the sky.
- Check for any physical damage to the GPS antenna cable.
- Perform a GPS reset or recalibration through the unit's settings menu if available.
- Verify that the GPS software and maps are up to date.

## 5.3 Bluetooth Connection Issues

- Ensure Bluetooth is enabled on both the receiver and your smartphone.
- Delete previous pairings from both devices and attempt to re-pair.
- Confirm the correct pairing code is entered.
- Move your smartphone closer to the receiver to rule out interference.

## 5.4 Phone Link (Android Auto/Apple CarPlay) Not Working

- Ensure your smartphone's operating system is compatible with the unit's Phone Link feature. (Note: Some older units may have limitations on newer Android OS versions or iPhone compatibility).
- Use a high-quality USB cable for connection.
- Verify that Android Auto or Apple CarPlay is enabled on your smartphone and the receiver.
- Check for any software updates for both your phone and the receiver.

## 5.5 Unit Freezes or Resets Randomly

- Perform a soft reset by pressing the reset button (usually a small pinhole on the front panel).
- Check power connections for stability; intermittent power can cause resets.
- Ensure proper ventilation around the unit to prevent overheating.
- If the issue persists, consult a professional installer or Soundstream support.

## 6. SPECIFICATIONS

Feature	Specification
Model Number	VRN-DD7HB
Product Dimensions	11.3 x 4.7 x 9.2 inches
Item Weight	6 pounds
Display Technology	TFT LCD
Display Resolution	800x480 Widescreen
Connectivity Technologies	Bluetooth, USB
Wireless Communication	Bluetooth
GPS Enabled	Yes (iGO Primo)
Special Features	Touchscreen, Dual Display
Audio Encoding	Stereo
Audio Output Mode	Stereo

Feature	Specification
Surround Sound Channel Configuration	4.0 or more
Video Encoding	H.264
Color	BLACK

## 7. WARRANTY AND SUPPORT

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Soundstream products are designed for reliability and performance. For warranty information, please refer to the warranty card included with your product or visit the official Soundstream website. Keep your proof of purchase for any warranty claims.

For technical support, troubleshooting assistance, or service inquiries, please contact Soundstream customer service. Contact details can typically be found on the Soundstream website or in the product packaging.

*Note: Purchasing from authorized sellers is crucial for warranty validity. Products purchased from unauthorized sellers may not be covered under Soundstream's official warranty.*