

PIONEER MVH-S110BT

Pioneer MVH-S110BT Digital Media Receiver Car Stereo User Manual

Model: MVH-S110BT

- [Introduction](#)
- [Safety Information](#)
- [Package Contents](#)
- [Setup](#)
- [Operating](#)
- [Instructions](#)
- [Maintenance](#)
- [Troubleshooting](#)
- [Specifications](#)
- [Warranty & Support](#)

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the Pioneer MVH-S110BT 1-Din Digital Media Receiver Car Stereo. This unit is designed to provide high-quality audio playback and connectivity options in a compact form factor.

Pioneer

MVH-S110BT



DIGITAL AUDIO  
MEDIA RECEIVER

# No-Hassle Ride Upgrade

Premium Pioneer Sound In A Compact  
Package That Fits Almost Any Vehicle.

Figure 1.1: Front view of the Pioneer MVH-S110BT Digital Media Receiver.

## 2. SAFETY INFORMATION

Read all instructions carefully before installation and use. Keep this manual for future reference.

- **Professional Installation Recommended:** Due to the complexity of car audio systems, professional installation is highly recommended to prevent damage to the unit or vehicle.
- **Power Source:** Connect the unit only to a 12V DC power supply with a negative ground.
- **Wiring:** Ensure all wiring is correctly connected according to the wiring diagram to avoid short circuits or malfunction. Insulate all exposed wires.
- **Volume Level:** Avoid operating the unit at excessively high volume levels for extended periods, as this may cause hearing damage or distract from driving.
- **Moisture:** Do not expose the unit to moisture or water to prevent electric shock or fire.
- **Ventilation:** Ensure adequate ventilation around the unit to prevent overheating.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Pioneer MVH-S110BT Digital Media Receiver
- Wiring Harness
- Mounting Hardware
- User Manual (this document)

## 4. SETUP AND INSTALLATION

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The MVH-S110BT features a compact 1-DIN chassis designed for easy installation in various vehicle dashboards. Refer to your vehicle's specific dashboard removal and installation instructions.

### 4.1. Wiring Connections

Before making any connections, disconnect the vehicle's negative battery terminal to prevent electrical shorts.

1. **Power Connection:** Connect the yellow wire (constant 12V) to a constant 12V power source. Connect the red wire (accessory 12V) to a switched 12V power source that turns on and off with the ignition. Connect the black wire (ground) to a clean metal point on the vehicle chassis.
2. **Speaker Connections:** Connect the speaker wires to the corresponding vehicle speakers. Ensure correct polarity (+/-) for each speaker. The unit supports up to four speakers.
3. **Antenna Connection:** Connect the vehicle's antenna cable to the antenna input on the receiver.
4. **USB Input:** The front USB input allows for playback of compatible audio files from a USB storage device.
5. **RCA Outputs:** The unit includes Front and Subwoofer (Mono) RCA outputs for connecting external amplifiers.

After all connections are made, reconnect the vehicle's negative battery terminal and test the unit's functionality.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Basic Controls

The main rotary knob controls volume. Pressing it typically accesses menu options. The SRC (Source) button switches between audio sources (Tuner, USB, Bluetooth Audio).

### 5.2. Bluetooth Connectivity

The MVH-S110BT features built-in Bluetooth for hands-free calling and wireless audio streaming.

1. **Pairing:** Turn on the unit and enable Bluetooth on your mobile device (iPhone or Android). Search for available devices and select "MVH-S110BT" from the list. Confirm the pairing code if prompted.
2. **Hands-Free Calling:** Once paired, you can make and receive calls through the car stereo. Use the unit's controls to answer, end, or reject calls.
3. **Audio Streaming:** Play music from your paired device, and control playback (play/pause, skip track) directly from the receiver.



Figure 5.1: The unit's display indicating Bluetooth connectivity for calls and streaming.

### 5.3. USB Playback

Connect a USB storage device to the front USB input to play audio files. The unit supports FLAC, MP3, and WMA formats.

1. Insert the USB device into the USB port.
2. Press the SRC button to select 'USB' as the source.
3. Use the track buttons to navigate through files and folders.



Figure 5.2: USB input for high-quality audio playback.

### 5.4. AM/FM Radio

To listen to the radio:

1. Press the SRC button to select 'Tuner' as the source.
2. Use the seek buttons to find radio stations.
3. Press and hold preset buttons (1-6) to save your favorite stations.

### 5.5. Sound Customization (Direct EQ Keys)

The unit features dedicated Direct EQ Keys for quick adjustment of audio settings.

1. Press the EQ button to access equalizer settings.
2. Use the rotary knob to adjust bass, treble, and balance settings to your preference.



Figure 5.3: The Direct EQ Access Key for sound adjustments.

## 6. MAINTENANCE

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

- **Cleaning the Unit:** Use a soft, dry cloth to wipe the front panel. For stubborn dirt, dampen the cloth with water. Never use abrasive cleaners, waxes, or solvents.
- **USB Port:** Keep the USB port free from dust and debris.
- **Avoid Extreme Temperatures:** Do not expose the unit to direct sunlight or extreme temperatures for extended periods.

## 7. TROUBLESHOOTING

If you encounter issues with your MVH-S110BT, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Incorrect wiring; Blown fuse	Check power and ground connections. Inspect and replace fuses if necessary.
No sound	Incorrect speaker wiring; Volume too low; Mute activated	Verify speaker connections and polarity. Increase volume. Check if mute function is active.
Bluetooth not connecting	Device not in pairing mode; Interference; Unit not discoverable	Ensure Bluetooth is enabled on both devices and the unit is in pairing mode. Try restarting both devices. Delete previous pairings and re-pair.
USB playback issues	Incompatible file format; Damaged USB device; USB device not properly formatted	Ensure files are FLAC, MP3, or WMA. Try a different USB device. Format USB device to FAT32.
Poor radio reception	Antenna not connected; Weak signal area	Check antenna connection. Try tuning to a stronger station or move to an area with better reception.

## 8. SPECIFICATIONS

Key technical specifications for the Pioneer MVH-S110BT:

Feature	Detail
Brand	PIONEER
Model Number	MVH-S110BT
Form Factor	1-DIN
Connectivity Technology	Bluetooth, USB
Special Features	AM Tuner, Built-In Bluetooth, FM Tuner
Wattage	50 watts x 4 channels (MOSFET amplifier)
Compatible Devices	Smartphone (iPhone & Android)
Audio Output Mode	Stereo
RCA Outputs	Front, Subwoofer (Mono)
Supported USB Formats	FLAC, MP3, WMA
Product Dimensions	3.87"D x 7"W x 2"H (approx.)
Item Weight	1.1 Pounds (approx.)

## 9. WARRANTY INFORMATION

Pioneer products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the

warranty card included with your product or visit the official Pioneer website. Keep your proof of purchase for warranty claims.

## 10. CUSTOMER SUPPORT

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For further assistance, technical support, or service inquiries, please contact Pioneer customer support or visit their official website.

Official Pioneer Store: [Pioneer Store on Amazon](#)