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PIONEER MVH-S235BT

Pioneer MVH-S235BT Digital Media Receiver User Manual

Model: MVH-S235BT

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Pioneer MVH-S235BT 1-Din Bluetooth USB AM/FM Android Car Digital Media Receiver. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.

The MVH-S235BT is designed to provide high-quality audio playback from various sources, including Bluetooth-connected devices, USB storage, and AM/FM radio. It features a 5-band graphic equalizer and BASS Boost for sound customization.



Figure 1: Front view of the Pioneer MVH-S235BT Digital Media Receiver. This image shows the main unit with its display, control buttons, and USB port.

2. SAFETY INFORMATION

Important Safety Instructions:

- Do not attempt to install or service this product yourself. Installation or servicing by unqualified persons may be dangerous and could void the warranty.
- Consult your car dealer or a qualified technician for installation and wiring.
- Ensure all wiring is correctly connected to prevent short circuits and damage to the unit or vehicle electrical system.
- Do not operate the unit in a way that distracts you from driving safely. Always observe traffic laws and regulations.

- Keep the volume at a level where you can still hear outside sounds, such as emergency vehicles.
- Avoid exposing the unit to moisture or extreme temperatures.

3. PACKAGE CONTENTS

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

- 1 x Pioneer MVH-S235BT Digital Media Receiver Unit
- 1 x User Manual

Note: Additional accessories such as wiring harnesses, mounting hardware, or remote controls may be included depending on the specific retail package. Refer to your packaging for a complete list.

4. SETUP AND INSTALLATION

4.1 Wiring Connections

Proper wiring is crucial for the safe and correct operation of your receiver. Incorrect wiring can cause damage to the unit, vehicle, or result in fire. Always disconnect the vehicle's negative battery terminal before starting any wiring work.

- **Power Connection:** Connect the yellow wire to a constant 12V supply, the red wire to an ignition-switched 12V supply, and the black wire to a good chassis ground.
- **Speaker Connections:** Connect the speaker wires to the corresponding vehicle speakers. Ensure correct polarity (+/-) for each speaker.
- **Antenna Connection:** Connect the vehicle's antenna cable to the receiver's antenna input.
- **RCA Output:** If using external amplifiers, connect RCA cables from the receiver's RCA outputs to the amplifier inputs.
- **Steering Wheel Control:** If your vehicle supports steering wheel controls and you have an appropriate adapter (sold separately), connect it according to the adapter's instructions.

Refer to the detailed wiring diagram provided in the separate installation manual or consult a professional installer.

4.2 Mounting the Unit

The MVH-S235BT is a 1-DIN sized receiver. Install it into your vehicle's dashboard using the supplied mounting sleeve and hardware. Ensure the unit is securely fastened to prevent movement during driving.

- Insert the mounting sleeve into the dashboard opening.
- Bend the tabs on the sleeve outwards to secure it.
- Slide the receiver into the mounting sleeve until it locks into place.

4.3 Initial Power-On

After all connections are made and the unit is mounted, reconnect the vehicle's negative battery terminal. Turn on your vehicle's ignition. The unit should power on. Follow any on-screen prompts for initial setup, such as language selection or clock setting.

5. OPERATING INSTRUCTIONS

5.1 Basic Controls

- **Power On/Off:** Press the **SRC/OFF** button to turn the unit on. Press and hold to turn off.

- **Source Selection:** Press the **SRC/OFF** button repeatedly to cycle through available sources (FM, AM, Bluetooth Audio, USB, AUX).
- **Volume Control:** Rotate the **Rotary Knob** to adjust the volume level.
- **Mute:** Press the **Rotary Knob** briefly to mute/unmute the audio.

5.2 Bluetooth Operation

The MVH-S235BT features built-in Bluetooth for hands-free calling and audio streaming.

1. Pairing a Device:

- Ensure Bluetooth is enabled on your mobile device.
- On the receiver, select the Bluetooth source. The unit will enter pairing mode automatically or you may need to access the Bluetooth menu.
- On your mobile device, search for available Bluetooth devices and select "MVH-S235BT".
- Confirm the pairing code if prompted.

2. **Bluetooth Audio Streaming:** Once paired, select "Bluetooth Audio" as the source on the receiver. Play audio from your mobile device, and it will stream through the car speakers. Use the receiver's controls for play/pause, skip track.

3. **Hands-Free Calling:** When a call comes in, the receiver will display the caller ID. Press the **Phone** button to answer, or press and hold to reject.

5.3 USB Playback

Connect a USB storage device (e.g., USB flash drive) containing audio files to the USB port on the front panel.

- Insert the USB device into the USB port. The unit will automatically switch to the USB source and begin playback.
- Use the **Forward/Backward** buttons to skip tracks.
- The unit supports various audio formats, including FLAC.

5.4 AM/FM Radio

- **Select Source:** Press **SRC/OFF** to select FM or AM.
- **Seek Tuning:** Press the **Forward/Backward** buttons to automatically seek the next strong station.
- **Manual Tuning:** Press and hold the **Forward/Backward** buttons to manually tune frequencies.
- **Preset Stations:** Store your favorite stations by tuning to the desired frequency, then pressing and holding one of the preset number buttons (1-6).

5.5 Sound Adjustments

The MVH-S235BT offers a 5-band graphic equalizer and BASS Boost to customize your audio experience.

- **Equalizer (EQ):** Press the **EQ** button to cycle through preset EQ curves or to access the custom 5-band graphic equalizer. Use the rotary knob to adjust frequency bands.
- **BASS Boost:** Press the dedicated **BASS Boost** key to enhance low-frequency output. Press repeatedly to cycle through boost levels or turn off.
- **HPF/LPF Crossover:** Access the audio settings menu to configure High-Pass Filter (HPF) for front/rear speakers and Low-Pass Filter (LPF) for subwoofer output, if connected. This helps optimize sound delivery to different speaker types.

6. MAINTENANCE

6.1 Cleaning the Unit

To maintain the appearance and functionality of your receiver:

- Wipe the front panel with a soft, dry cloth.
- Do not use abrasive cleaners, waxes, or solvents as they may damage the finish or display.
- Avoid spraying liquid directly onto the unit.

6.2 Software Updates

Periodically check the Pioneer website for any available firmware updates for your MVH-S235BT. Firmware updates can improve performance, add new features, or fix bugs. Follow the instructions provided with the update package carefully.

7. TROUBLESHOOTING

If you experience problems with your receiver, refer to the following common issues and solutions before contacting support.

| Problem | Possible Cause | Solution |
|---------------------------|--|--|
| No power | Incorrect wiring; Blown fuse; Vehicle battery issue. | Check power and ground connections. Inspect vehicle fuses and the fuse on the receiver's wiring harness. Ensure vehicle battery is charged. |
| No sound | Volume too low; Mute activated; Incorrect speaker wiring; Amplifier not powered (if applicable). | Increase volume. Deactivate mute. Check speaker connections and polarity. Verify external amplifier power. |
| Bluetooth not connecting | Device not in pairing mode; Incorrect pairing procedure; Interference. | Ensure receiver is in Bluetooth source and pairing mode. Delete "MVH-S235BT" from your device's Bluetooth list and re-pair. Move closer to the unit. |
| USB device not recognized | Incompatible format; Damaged USB device; File system not supported. | Ensure USB device is formatted to FAT16/FAT32. Check for supported audio file types (e.g., MP3, WMA, FLAC). Try a different USB device. |
| Poor radio reception | Antenna not connected; Damaged antenna; Weak signal area. | Check antenna connection. Inspect antenna for damage. Try tuning to a different station or moving to an area with better signal. |

Resetting the Unit: If the unit malfunctions or behaves erratically, try resetting it. Locate the small reset button (often recessed) on the front panel. Use a pointed object (like a pen tip) to press and hold the reset button for a few seconds. This will restore the unit to its factory default settings.

8. SPECIFICATIONS

Key technical specifications for the Pioneer MVH-S235BT Digital Media Receiver:

| Feature | Detail |
|--------------|------------|
| Model Number | MVH-S235BT |
| Brand | PIONEER |

| Feature | Detail |
|--------------------------------------|---|
| Connectivity Technology | Bluetooth, USB |
| Controller Type | Steering Wheel Remote Control (requires adapter), Rotary Knob |
| Special Feature | Equalizer (5-band graphic EQ), BASS Boost |
| Compatible Devices | Smartphone, Tablet |
| Connector Type | RCA (Pre-out) |
| Audio Output Mode | Stereo |
| Surround Sound Channel Configuration | 4.0 |
| Supported Audio Codecs | FLAC compatible (among others) |
| Package Dimensions | 8.86 x 7.2 x 3.82 inches |
| Item Weight | 1.94 pounds (880 Grams) |

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Pioneer products are covered by a limited warranty. The specific terms and duration of the warranty may vary by region and product. Please refer to the warranty card included with your product or visit the official Pioneer website for detailed warranty information.

Keep your proof of purchase (receipt) as it will be required for any warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact Pioneer customer support. Contact information can typically be found on the official Pioneer website or in the documentation included with your product.

Before contacting support, please have your product model number (MVH-S235BT) and serial number ready.

