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## PIONEER AVH-X390BS

# Pioneer AVH-X390BS Double Din Car Stereo Receiver

Model: AVH-X390BS

Brand: PIONEER

## 1. INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your Pioneer AVH-X390BS Double Din Bluetooth in-Dash DVD/CD/AM/FM Car Stereo Receiver. Please read this manual thoroughly before using your new receiver to ensure optimal performance and safety.

The AVH-X390BS features a 6.2-inch WVGA screen, Bluetooth connectivity, DVD/CD playback, AM/FM tuner, and is SiriusXM-Ready. It also includes AppRadio One for compatible iPhone and Android app control, a CEA-2006 compliant amplifier, Mixtrax for DJ-style song blending, and time alignment for optimized audio.

## 2. SAFETY INFORMATION

Always prioritize safety. Improper installation or use can lead to accidents or injury. Ensure the vehicle is parked in a safe location before operating the unit's advanced features. Do not operate the unit in a way that distracts you from driving. Consult a professional for installation if you are unsure about any steps.

## 3. WHAT'S IN THE Box

Verify that all components are present before beginning installation:

- Pioneer AVH-X390BS Receiver
- Remote Control
- Wiring Harness
- USB Cable
- Mounting Hardware
- Instruction Manual
- 1 CR2 Battery (for remote)

## 4. SETUP AND INSTALLATION

Professional installation is recommended. Ensure the vehicle's battery is disconnected before starting. Refer to the

detailed wiring diagrams in the included manual for specific connections.

## 4.1 Initial Power-Up

1. After installation, reconnect the vehicle's battery.
2. Turn on the vehicle's ignition.
3. Press the power button on the receiver.
4. Follow the on-screen prompts for initial setup, including language and clock settings.

## 4.2 Remote Control Battery Installation

The remote control requires one CR2 battery (included). Insert the battery according to the polarity markings inside the remote's battery compartment.

## 5. OPERATING INSTRUCTIONS

### 5.1 General Interface

The unit features a 6.2-inch WVGA touchscreen for intuitive control. Physical buttons are located on the left side of the display for common functions like MODE and DISP.



Figure 1: Front view of the Pioneer AVH-X390BS receiver displaying the iPod interface.



Figure 2: Angled view of the Pioneer AVH-X390BS receiver showing the Apps menu.

## 5.2 Audio Sources

- **Bluetooth Audio:** Connect your smartphone wirelessly for audio streaming and hands-free calling.
- **DVD/CD Playback:** Insert a DVD or CD into the disc slot for media playback.
- **AM/FM Tuner:** Access 18 FM and 12 AM presets for radio stations.
- **USB:** Connect USB devices for audio and video playback.
- **AUX:** Use the auxiliary input for external audio devices.
- **SiriusXM-Ready:** Requires a SiriusXM Connect Vehicle Tuner and subscription (sold separately).

## 5.3 Bluetooth Connectivity

1. Ensure Bluetooth is enabled on your mobile device.
2. On the receiver, navigate to the Bluetooth settings menu.
3. Select 'Pairing' or 'Add Device'.
4. Search for 'AVH-X390BS' on your mobile device and select it.
5. Confirm the pairing code on both devices.

## 5.4 App Integration (AppRadio One)

AppRadio One provides control over compatible iPhone and Android apps directly from the receiver's screen. Connect your smartphone via USB and launch the AppRadio One application on your device.

## 5.5 Sound Customization

- **Graphic EQ:** Adjust audio frequencies to your preference.
- **Time Alignment:** Optimizes sound delivery to ensure all audio reaches the listener's ears at the same time, creating a more focused soundstage.
- **Mixtrax:** Blends songs together DJ-style for a continuous listening experience.

## 6. MAINTENANCE

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### 6.1 Cleaning the Screen

Use a soft, dry 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.

### 6.2 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.

## 7. TROUBLESHOOTING

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If you encounter issues, try the following basic troubleshooting steps:

- **No Power:** Check vehicle's fuses and wiring connections. Ensure the ignition is on.
- **No Sound:** Verify speaker connections, volume level, and audio source selection. Check mute status.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both devices. Delete previous pairings and attempt to re-pair.
- **Disc Playback Errors:** Ensure the disc is clean and free of scratches. Try a different disc.
- **Screen Unresponsive:** Perform a soft reset by pressing the reset button (usually a small pinhole) or disconnecting the vehicle's battery for a few minutes.

For persistent issues, consult the full instruction manual or contact Pioneer customer support.

## 8. SPECIFICATIONS

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<b>Model Number</b>	AVH-X390BS
<b>Product Dimensions</b>	11 x 9.5 x 6 inches
<b>Item Weight</b>	4.85 pounds
<b>Screen Size</b>	6.2 Inches
<b>Display Type</b>	TFT LCD
<b>Display Resolution</b>	800x480
<b>Power Output (Peak)</b>	50 watts x 4 channels
<b>Power Output (RMS)</b>	14 watts x 4 channels (CEA-2006 Compliant)
<b>Connectivity</b>	Bluetooth, USB, AUX
<b>Media Types</b>	CD-RW, DVD+RW, MP3
<b>Special Features</b>	Adjustable, AppRadio One, Mixtrax, Time Alignment, SiriusXM-Ready
<b>Remote Control Battery</b>	1 CR2 battery (included)

## 9. WARRANTY AND SUPPORT

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For warranty information, please refer to the warranty card included with your product or visit the official Pioneer website. For technical support, product registration, or service inquiries, please contact Pioneer customer service through their official channels.