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- › [Denon](#) /
- › [Denon AVR-X580BT 5.2ch 8K AV Receiver User Manual](#)

## Denon Denon AVR-X580BT

# Denon AVR-X580BT 5.2ch 8K AV Receiver User Manual

Model: Denon AVR-X580BT

## PRODUCT OVERVIEW

The Denon AVR-X580BT is a 5.2 channel AV receiver engineered to deliver immersive audio and video experiences for home theater systems. It supports advanced video technologies, including 8K resolution, ensuring stunning picture quality. With up to 140W per channel, it provides robust power for high-quality sound reproduction. This receiver integrates seamlessly with various entertainment systems, offering features like Bluetooth streaming and multiple HDMI inputs for versatile connectivity.

It is equipped with high-fidelity lossless DolbyTrueHD and DTS-HD decoding, along with upmixing capabilities for a full surround sound experience. The AVR-X580BT simplifies setup with its award-winning Denon Setup Assistant and supports ARC/eARC for streamlined TV audio integration.

## SETUP GUIDE

Setting up your Denon AVR-X580BT is made simple with the integrated Denon Setup Assistant, which provides clear, step-by-step instructions directly on your TV screen. Follow these general steps for initial setup:

- 1. Unpacking:** Carefully remove the receiver and all accessories from the packaging. Ensure all components are present, including the remote control, setup microphone, and power cable.
- 2. Placement:** Place the receiver on a stable, flat surface with adequate ventilation. Avoid placing it in enclosed cabinets without proper airflow to prevent overheating.
- 3. Speaker Connection:** Connect your speakers to the appropriate terminals on the rear of the receiver. The AVR-X580BT supports a 5.2 channel configuration. Ensure correct polarity (positive to positive and negative to negative) for each speaker.
- 4. HDMI Connections:** Connect your video sources (e.g., Blu-ray player, gaming console, set-top box) to the HDMI inputs on the receiver. The receiver features five HDMI inputs, all supporting 8K/60Hz pass-

through and 8K upscaling for 1080p or 4K content. Connect the receiver's HDMI output to your TV or projector's HDMI input, preferably one that supports ARC or eARC for simplified audio return.

5. **Power Connection:** Connect the power cable to the receiver and then to a wall outlet.
6. **Initial Power On and Setup Assistant:** Turn on your TV and select the correct HDMI input for the receiver. Power on the Denon AVR-X580BT. The Denon Setup Assistant will automatically launch on your TV screen, guiding you through speaker calibration, network setup (if applicable), and input assignments.



**Figure 1:** Front view of the Denon AVR-X580BT AV Receiver. This image displays the main unit with its central display panel, input selection knob on the left, and master volume knob on the right. Below the display, there are quick select buttons, a headphone jack, and a setup mic input. The overall design is sleek black, indicating a modern home theater component.

## OPERATING INSTRUCTIONS

The Denon AVR-X580BT offers a range of features for an enhanced audio-visual experience. Here are key operational aspects:

- **Input Selection:** Use the 'Source Select' knob on the front panel or the input buttons on the remote

control to switch between connected devices (e.g., Blu-ray, Game, CBL/SAT).

- **Volume Control:** Adjust the 'Master Volume' knob on the front panel or the volume buttons on the remote to control the overall sound level.
- **Audio Formats:** The receiver automatically detects and decodes various audio formats, including Dolby TrueHD, Dolby Digital, Dolby Digital Plus, DTS-HD Master Audio, DTS Surround, and DTS 96/24. It also features Dolby Pro Logic II and DTS Neo:6 upmixers for 2-channel audio.
- **Bluetooth Streaming:** To stream music wirelessly from your smart device, select the Bluetooth input. Pair your device with the receiver following the on-screen instructions or the pairing process outlined in the full manual.
- **USB Playback:** A USB port is available on the front panel for convenient audio playback from USB storage devices. Connect your USB device and select the USB input to browse and play audio files.
- **ARC/eARC Functionality:** If your TV supports ARC (Audio Return Channel) or eARC (Enhanced Audio Return Channel), connect the receiver's HDMI output to the designated ARC/eARC HDMI input on your TV. This allows TV audio to be sent back to the receiver via a single HDMI cable, simplifying your setup. eARC provides support for advanced audio formats like Dolby TrueHD and DTS HD Master Audio.
- **Quick Select Buttons:** The four Quick Select buttons on the front panel and remote allow you to store and recall preferred settings for specific inputs, including volume level, sound mode, and input source.

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Denon AVR-X580BT receiver.

- **Cleaning:** Regularly wipe the exterior of the receiver with a soft, dry cloth. For stubborn marks, slightly dampen the cloth with water. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the finish.
- **Ventilation:** Ensure that the ventilation openings on the top and sides of the receiver are not blocked. Adequate airflow is crucial to prevent overheating, which can lead to performance issues or damage. Maintain at least 10-15 cm (4-6 inches) of clear space around the unit.
- **Dust Removal:** Periodically use a soft brush or a low-power vacuum cleaner with a brush attachment to gently remove dust from the ventilation grilles.
- **Power Cord:** Check the power cord periodically for any signs of damage. If damaged, replace it immediately with an authorized Denon replacement.
- **Battery Replacement:** Replace the batteries in the remote control when its operational range decreases or it stops responding. Use 2 AAA batteries as specified.

*Note:* Do not attempt to open the receiver casing. There are no user-serviceable parts inside, and opening it will void your warranty. Refer all servicing to qualified service personnel.

## TROUBLESHOOTING

If you encounter issues with your Denon AVR-X580BT, refer to the following common troubleshooting tips before seeking professional assistance:

- **No Power:**

- Ensure the power cord is securely plugged into both the receiver and a working wall outlet.
- Check if the power outlet is active by plugging in another device.
- Verify that the receiver's power button is pressed.

- **No Sound:**

- Confirm that the correct input source is selected on the receiver.
- Check speaker connections for proper polarity and secure fit.
- Increase the master volume level.
- Ensure speakers are not muted or set to a very low volume on the receiver or connected devices.
- If using ARC/eARC, verify that the function is enabled on both the TV and the receiver.

- **No Picture:**

- Verify that the HDMI cables are securely connected between the source device, receiver, and TV.
- Ensure the correct HDMI input is selected on both the receiver and the TV.
- Try bypassing the receiver by connecting the source directly to the TV to isolate the issue.
- Check the resolution settings on your source device; ensure it's compatible with your TV and receiver.

- **Remote Control Not Working:**

- Replace the batteries with new ones (2 AAA).
- Ensure there are no obstructions between the remote and the receiver's remote sensor.
- Point the remote directly at the receiver.

- **Bluetooth Connection Issues:**

- Ensure Bluetooth is enabled on your smart device and the receiver is in pairing mode.
- Move your device closer to the receiver.
- Try unpairing and re-pairing the device.
- Clear the Bluetooth device list on your smart device and the receiver if possible.

If the problem persists after trying these steps, consult the comprehensive troubleshooting section in the full user manual or contact Denon customer support.

## TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Denon
Model Name	Denon AVR-X580BT 5.2ch Av Receiver
Item Model Number	Denon AVR-X580BT
Speaker Surround Sound Channel Configuration	5.2

Audio Wattage	140 Watts (per channel)
Speakers Maximum Output Power	180 Watts
HDMI Inputs	5 (all supporting 8K/60Hz pass-through and 8K upscaling)
Special Features	ARC/eARC, Bluetooth, USB Playback, Dolby TrueHD, DTS-HD
Compatible Devices	Smartphone (via Bluetooth)
Item Weight	8 kg
Country of Origin	Vietnam
Batteries Required	Yes (2 AAA, included for remote)

*Note:* Specifications are subject to change without notice. For the most current and detailed specifications, please refer to the official Denon website or the full product manual.

## WARRANTY AND SUPPORT

Your Denon AVR-X580BT receiver comes with a manufacturer's warranty. The specific terms and duration of the warranty may vary by region and retailer. Please retain your proof of purchase for warranty claims.

### Warranty Information:

- For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official Denon support website.
- Extended warranty options may be available from your retailer or third-party providers.

### Customer Support:

For technical assistance, troubleshooting beyond this guide, or service requests, please contact Denon customer support. You can typically find contact information on the official Denon website or through your local distributor.

**Importer Details (India):** Preeti Trading Corporation, 3 Shubhangini 51, Milan Subway Rd, Santacruz West, Mumbai, Maharashtra 400054.

When contacting support, please have your product model number (Denon AVR-X580BT) and serial number ready, along with a description of the issue.