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> JBL MA710 7.2-Channel 8K AV Receiver User Manual

JBL JBLMA710WHTAM

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Model: JBLMA710WHTAM

Brand: JBL

1. INTRODUCTION AND OVERVIEW

The JBL MA710 is a 7.2-channel AV Receiver engineered to deliver an immersive home cinema experience with advanced audio and video capabilities. It supports the latest 8K HDMI specifications and native 7-channel decoding for Dolby Atmos and DTS:X audio formats. Designed for both music and movie enthusiasts, the MA710 integrates seamlessly with various entertainment systems.

Key Features:

- 7.2-channel AV receiver with 8K HDMI support.
- Dolby Atmos and DTS:X decoding for immersive audio.
- 6 HDMI inputs and 1 HDMI output with eARC for versatile connectivity.
- Seven channels of low-noise Class D amplification.
- Integrated streaming via Apple AirPlay 2, Google Chromecast, and Bluetooth AptX Adaptive.
- Moving Magnet phono input for turntable connection.
- On-screen display for simplified setup and operation.
- EZ Set EQ for optimized room equalization.
- IP control for third-party system integration.



Figure 1.1: Front angled view of the JBL MA710 7.2-Channel 8K AV Receiver in white.

2. WHAT'S IN THE BOX

Upon unboxing your JBL MA710 AV Receiver, please verify that all the following items are included:

- JBL MA710 AV Receiver
- IR Remote Control
- Bluetooth Antenna
- 2 Wi-Fi Antennas
- Power Cord
- Quick-Start Guide and Safety Sheet



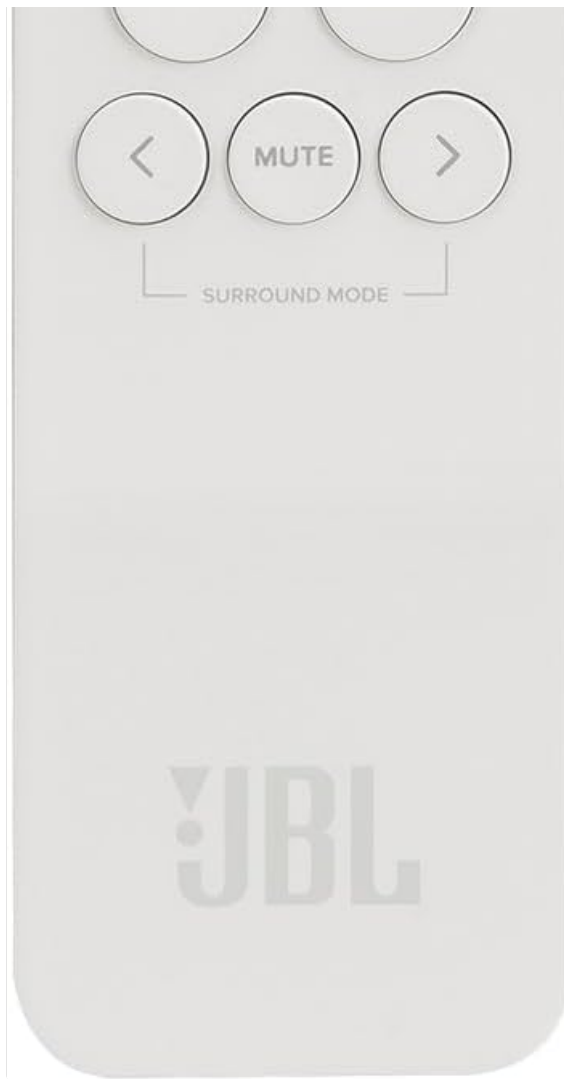


Figure 2.1: The included IR remote control for the JBL MA710 receiver.

3. SETUP

3.1 Placement

Place the receiver on a stable, flat surface with adequate ventilation. Ensure there is sufficient space around the unit for airflow to prevent overheating. Avoid placing the receiver near heat sources or in direct sunlight.

3.2 Connecting Antennas

Screw the provided Bluetooth and Wi-Fi antennas into their respective ports on the rear panel of the receiver. Ensure they are securely tightened for optimal wireless performance.

3.3 Speaker Connections

Connect your speakers to the appropriate speaker terminals on the rear of the MA710. Ensure correct polarity (+ to + and - to -) for each speaker. The MA710 supports 7.2-channel configurations. Refer to the rear panel diagram for speaker placement.

3.4 HDMI Connections

Connect your video sources (e.g., Blu-ray player, gaming console, cable box) to the HDMI INPUT ports. Connect your TV or projector to the HDMI OUT (eARC) port. For 8K video passthrough, ensure your source and display devices also support 8K.

3.5 Other Audio/Video Connections

The receiver includes a Moving Magnet phono input for turntables, coaxial and optical digital audio inputs, and analog audio inputs for other devices. Connect these as needed based on your audio sources.



Figure 3.1: Rear panel connections of the JBL MA710, including HDMI, speaker terminals, and audio inputs.

3.6 Power Connection

Once all audio and video connections are made, connect the power cord to the receiver and then to a wall outlet. The receiver is now ready for initial setup.

3.7 Initial Setup and EZ Set EQ

Upon first power-on, follow the on-screen instructions displayed on your connected TV/projector to complete the initial setup. The EZ Set EQ feature will guide you through room equalization to optimize sound quality for your specific listening environment. This process typically involves using a microphone (not included, but often part of a speaker package or sold separately) to measure room acoustics.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press the Power button on the front panel or the remote control to turn the receiver on or off. The display will illuminate when the unit is active.

4.2 Input Selection

Use the "INPUT" knob on the front panel or the dedicated input buttons on the remote to select your desired audio/video source (e.g., HDMI 1, Phono, Bluetooth).

4.3 Volume Control

Adjust the volume using the "VOLUME" knob on the front panel or the Volume Up/Down buttons on the remote control.

4.4 Audio Modes and Surround Sound

The MA710 supports various audio modes, including Dolby Atmos and DTS:X. Use the "SURROUND" button on the front panel or remote to cycle through available surround sound modes. The display will indicate the active audio format.

4.5 Streaming Audio

The MA710 offers integrated streaming capabilities:

- **Bluetooth:** Enable Bluetooth on your mobile device and select "JBL MA710" from the list of available devices to pair and stream audio wirelessly.
- **Apple AirPlay 2 & Google Chromecast:** Ensure your receiver is connected to your home network. From a compatible device, select the MA710 as an audio output device within your streaming application.

4.6 IP Control

For advanced users and custom installations, the MA710 supports IP control for integration with third-party control systems. Refer to the detailed technical manual for specific IP control protocols and commands.

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Video 4.1: An overview of the JBL MA310, MA510, and MA710 receivers, highlighting key features and ease of use.

5. MAINTENANCE

5.1 Cleaning

To clean the exterior of the receiver, use 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. Ensure the unit is powered off and unplugged before cleaning.

5.2 Ventilation

Regularly check that the ventilation openings on the top and sides of the receiver are not obstructed by dust or other objects. Proper ventilation is crucial for maintaining optimal operating temperature and preventing damage.

5.3 Firmware Updates

JBL may release firmware updates to improve performance, add features, or address issues. Check the official JBL website for the latest firmware and instructions on how to update your MA710 receiver.

6. TROUBLESHOOTING

If you encounter issues with your JBL MA710 receiver, refer to the following common troubleshooting steps. For more detailed solutions, consult the full user manual available on the JBL support website.

Problem	Possible Cause	Solution
No Power	Power cord disconnected; Power outlet issue.	Ensure power cord is securely connected. Test the outlet with another device.
No Sound	Incorrect input selected; Speaker wires loose; Mute activated; Volume too low.	Select correct input. Check all speaker connections. Deactivate mute. Increase volume.
No Video Output	Incorrect HDMI input/output; HDMI cable faulty; Display not powered on.	Verify HDMI connections. Try a different HDMI cable. Ensure TV/projector is on and on correct input.
Bluetooth Connection Issues	Device too far; Interference; Receiver not in pairing mode.	Move device closer. Reduce interference. Put receiver in Bluetooth pairing mode.
Network Connectivity Problems	Wi-Fi signal weak; Incorrect network settings; Router issue.	Check Wi-Fi signal strength. Verify network settings. Restart your router.

7. SPECIFICATIONS

- **Model:** JBLMA710WHTAM
- **Product Dimensions:** 13.69 x 17.01 x 4.3 inches (34.77 x 43.20 x 10.92 cm)
- **Item Weight:** 13.86 pounds (6.28 kg)
- **Channels:** 7.2 Channel
- **Amplification:** Class D
- **HDMI Inputs:** 6 (8K compatible)
- **HDMI Output:** 1 (eARC)

- **Audio Decoding:** Dolby Atmos, DTS:X
- **Wireless Connectivity:** Bluetooth AptX Adaptive, Wi-Fi (Apple AirPlay 2, Google Chromecast)
- **Phono Input:** Moving Magnet (MM)
- **Control:** IR Remote, IP Control
- **Power Requirements:** 100-240V, 50/60Hz, 500W (Max)

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The JBL MA710 AV Receiver comes with a limited manufacturer's warranty. The duration and terms of the warranty may vary by region. Please refer to the warranty card included with your product or visit the official JBL website for detailed warranty information specific to your purchase location.

8.2 Customer Support

For technical assistance, product inquiries, or service requests, please contact JBL customer support. You can find contact information, FAQs, and additional resources on the official JBL website:

www.jbl.com/support

When contacting support, please have your product model (JBLMA710WHTAM) and serial number ready.