



Overview

Thank you for purchasing a JBL MA series AV Receiver. For over 75 years, JBL has been creating best in class audio equipment for concerts, studios, theaters, and homes around the world. JBL is the trusted choice of leading recording artists and sound engineers. The MA series AVRs are designed, engineered, and manufactured to the industry's highest quality standards and offers core features and fundamental connectivity for exceptional home cinema and music experiences.

For more information on the set-up and operation of this product refer to the product page on the jbl.com website. Should further assistance be required feel free to contact customer support at the numbers below.

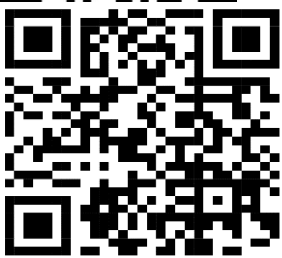
Inside the US and Canada: +1 888.691.4171

Outside the US and Canada: +44 1707 668 012

Box Contents

- 1x JBL MA7100HP or MA9100HP AV Receiver
- 1x Quick-start guide and safety sheet
- 1x IR remote
- 2x AAA batteries for remote control
- 3x Antennas for Wi-Fi and Bluetooth
- 1x Power Cord

Download the setup app:



Installation

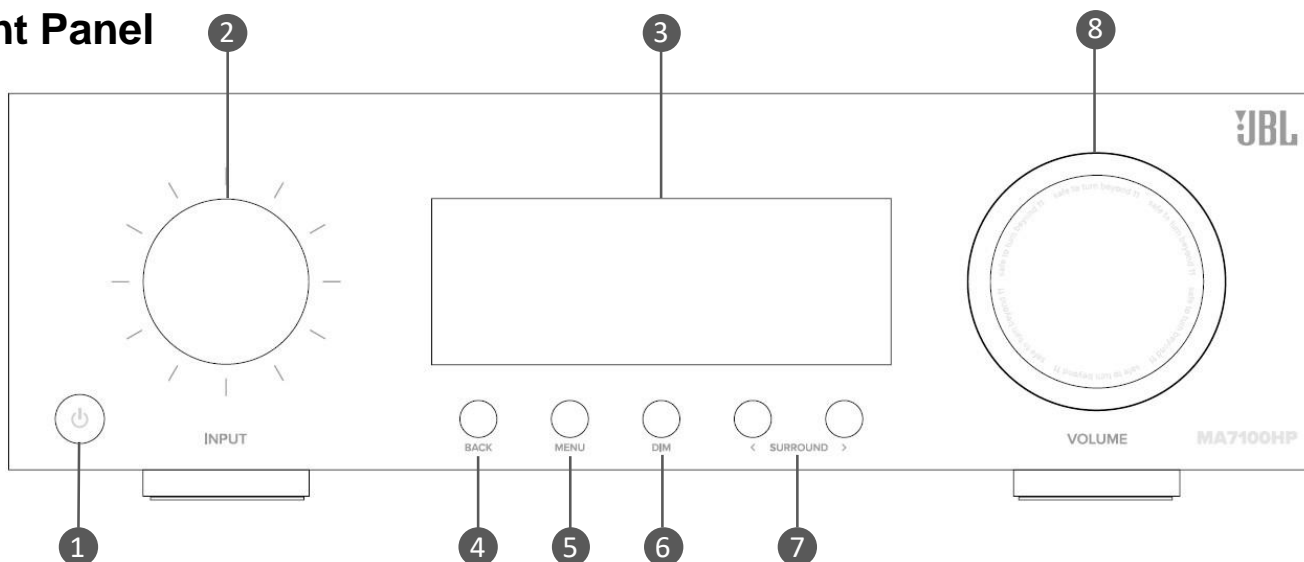
PLACING THE UNIT

CAUTION: Before you begin, make sure your amplifier is disconnected from the power source.

- Place the AVR on a level, firm surface, avoiding direct sunlight and sources of heat or damp.
- Do not place the AVR on top of an amplifier or other source of heat.
- Make sure the remote-control receiver to the left of the front panel display is unobstructed, otherwise this will impair the use of the remote-control.
- Do not place your record deck on top of this unit. Record decks are very sensitive to the noise generated by mains power supplies which will be heard as a background 'hum' if the record deck is too close.
- The normal function of the unit may be disturbed by strong electromagnetic interference. If this occurs, simply reset the unit with the power button, or move the unit to another location.

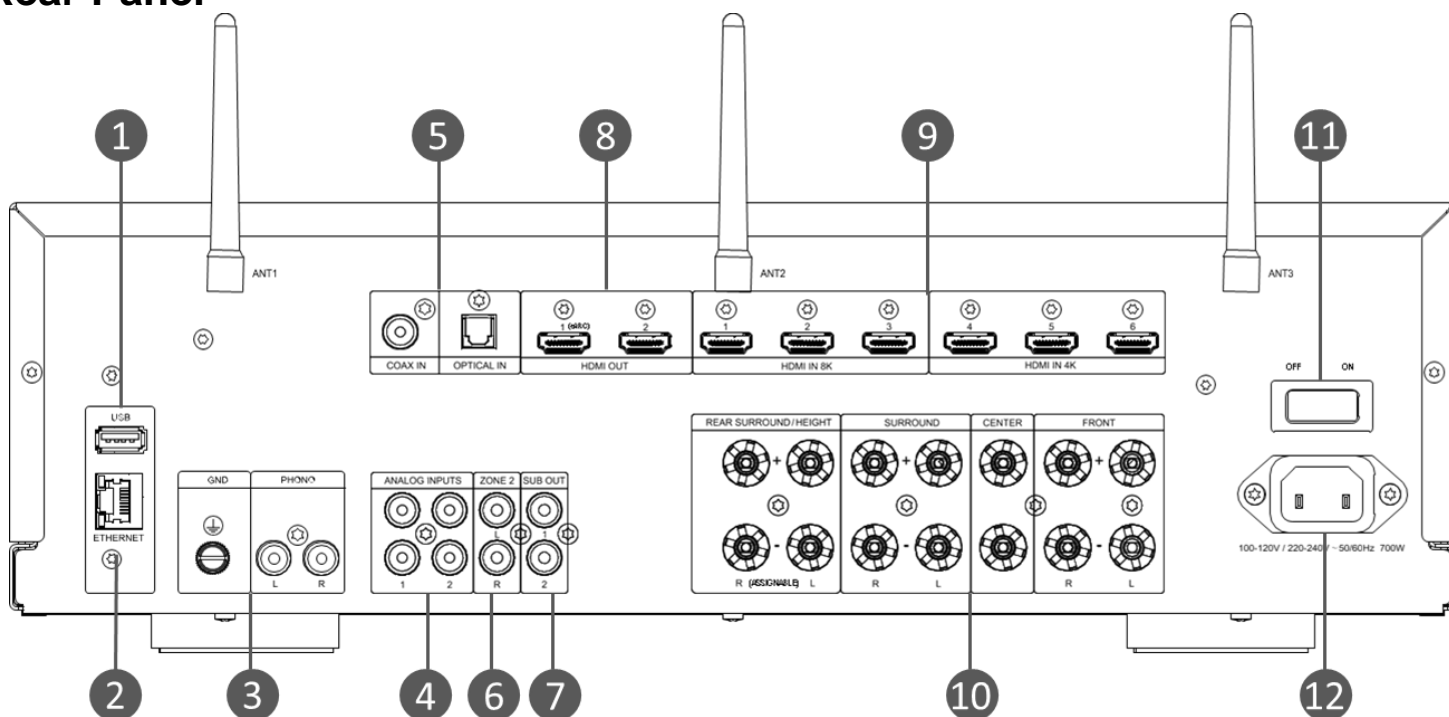
This product offers the user the option to deactivate power management functions. Note that doing this this will increase energy consumption of the product.

Front Panel



1. Standby On/Off Button
2. Input Dial/Menu Navigation/Press Select
3. LCD Display
4. Back Menu Button
5. Show/Hide Menu Button
6. Dim Button
7. Surround Down/Up
8. Volume Dial/Menu Navigation/Press Mute

Rear Panel

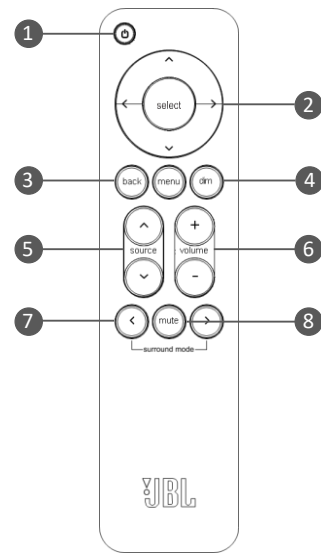


1. USB Socket
2. Ethernet Socket
3. Phono Input and Ground
4. Analog Inputs
5. Digital Inputs
6. Zone 2 "PARTY" Outputs
7. Subwoofer Outputs
8. HDMI Outputs
9. HDMI Inputs
10. Speaker Level Output Connectors
11. Power Switch
12. Power Input

*MA7100HP shown

Remote Control

1. Standby On/Off Button
2. Menu Navigation/Select
3. Menu Back & Menu On/Off
4. Dim front panel display and underglow light
5. Source Up/Down
6. Volume Up/Down
7. Surround Mode Cycle
8. Mute

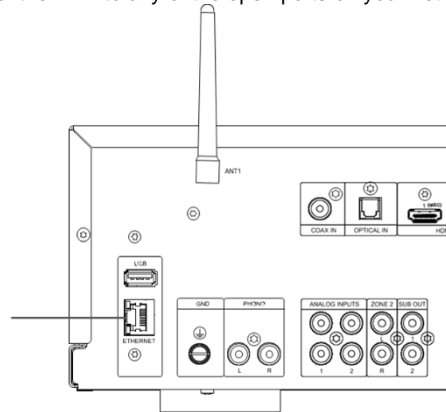


Wiring and Connections

NETWORK CONNECTION

For a Wired Connection

Connect the Ethernet port on the back of the AVR to any of the open ports on your network router using a CAT-5e or higher cable.



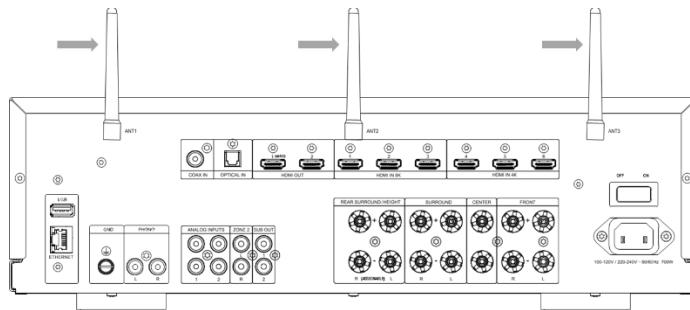
Ethernet Socket
Connect this to your home network using a Cat 5e or Cat 6 cable

For a Wi-Fi Direct Connection:

To make a Wi-Fi connection, download the JBL PREMIUM AUDIO app to your smartphone or tablet. Links are on the front page of this manual.

Connect the supplied external antennas for Bluetooth/Wireless connectivity to connectors on the rear panel.

1. Place the external antennas for Bluetooth/wireless connectivity evenly over the screw terminal of rear.
2. Turn clockwise until the antennas is fully connected.
3. Rotate the antenna upwards for best reception.



Power on the AVR and open the app to discover it after the AVR is Ready. Select it and follow the prompts to connect it to your Wi-Fi network.

Alternatively, you can connect the JBL AVR to your Wi-Fi network using Apple AirPlay speaker setup in the Wi-Fi settings of your Apple device, or the Google Home app in both Android and Apple devices.

Playback

The JBL AVR can be connected to, and play music from the following apps and services:

- Spotify Connect
- Tidal Connect
- Apple AirPlay
- Chromecast (requires acceptance of Google terms in the JBL PREMIUM AUDIO app or additional setup steps in the Google Home app)
- Roon (requires additional setup in Roon app)
- Works With SmartThings (requires setup with a SmartThings Hub and the SmartThings App)

From the JBL PREMIUM AUDIO app, you can access setup favorites and access other services including but not limited to:

- Internet Radio
- Podcasts
- Connected USB media
- Local network storage (UPnP)
















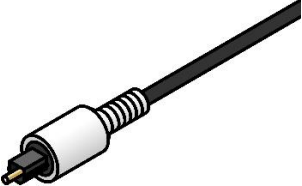


PLACEHOLDER IMAGE

CONNECTING AUDIO/VIDEO INPUTS

JBL recommends using pre-built or professionally wired cables.

Cables Used for Connections

		HDMI cable		
		Analog audio cable (RCA type, single-ended plus shield)		
		Coax digital cable (75-ohm impedance)		
		Optical cable		

WIRING OUTPUT CONNECTORS

Before making any output connections, ensure the power cord is disconnected from the amplifier and carefully review the total impedance for loudspeakers connected to each amplifier output.

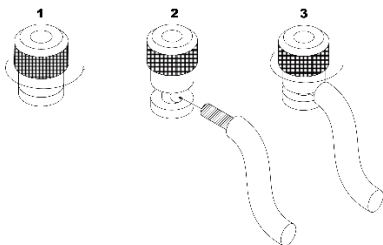
JBL recommends using two-conductor or four-conductor, heavy gauge speaker wire up to 12 AWG.

Speaker outputs provide connection to passive loudspeakers via binding post-type connectors that accept bare wire, spade or banana plug terminations. The connectors are grouped in pairs. Each pair consists of two wire terminations: positive (+) and negative (-)

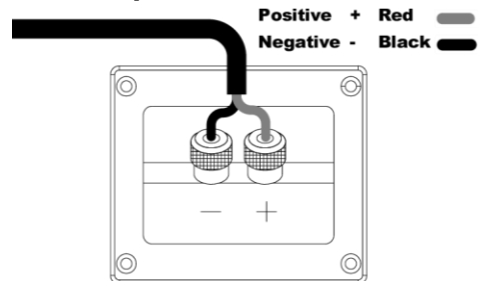
To attach speaker cables to a binding post using bare wire, strip approximately 3/8-inch (10 mm) of insulation from the end of the positive and negative leads of the cable and insert the bare ends into the corresponding binding post connector, tightening the screw terminals to secure the termination. Repeat this procedure for each speaker.

Note: Connect so that the speaker cable core wires do not protrude from the speaker terminal. The protection circuit may be activated if the bare wire touches the rear panel or if the + and - sides touch each other.

Binding post termination



Connection to speaker










Connecting a subwoofer

Use a subwoofer cable to connect the subwoofer. Two subwoofers can be connected to this unit. The same signal is output from the respective subwoofer terminals.



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Regulatory Communication

Restrictions in the 5 GHz band:

According to Article 10 (10) of Directive 2014/53/EU, the packaging shows that this radio equipment will be subject to some restrictions when placed on the market in Belgium (BE), Bulgaria (BG), the Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Croatia (HR), Italy (IT), Cyprus (CY), Latvia (LV), Lithuania (LT), Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE), the Turkey (TR), Norway (NO), Switzerland (CH), Iceland (IS), and Liechtenstein (LI), the United Kingdom in respect of Northern Ireland (UK(NI)).

Use Restriction: This device is restricted to indoor use when operating in the 5150 to 5350 MHz frequency range in following countries:

!	BE	EL	LT	PT	!	Belgium (BE), Greece (EL), Lithuania (LT), Portugal (PT), Bulgaria (BG), Spain (ES), Luxembourg (LU), Romania (RO), Czech Republic (CZ), France (FR), Hungary (HU), Slovenia (SI), Denmark (DK), Croatia (HR), Malta (MT), Slovakia (SK), Germany (DE), Italy (IT), Netherlands (NL), Finland (FI), Estonia (EE), Cyprus (CY), Austria (AT), Sweden (SE), Ireland (IE), Latvia (LV), Poland (PL) and Northern Ireland (UK).	
	BG	ES	LU	RO			
	CZ	FR	HU	SI			
	DK	HR	MT	SK			UK
	DE	IT	NL	FI			
	EE	CY	AT	SE			
	IE	LV	PL	UK(NI)			



Incorpora produto homologado pela ANATEL sob número HHHHH-AA-FFFFF.

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados. Para mais informações, consulte o site da Anatel: <https://www.gov.br/anatel/pt-br>

MA710HP wireless specification

Bluetooth profile: a2dp, avrcp, avdtp, avctp, vcp, vcs, mcp, mc
Bluetooth:

- Bluetooth operation in 2402MHz to 2480MHz with max power 13dBm e.i.r.p
- Bluetooth LE operation in 2402MHz to 2480MHz with max power 12dBm e.i.r.p

Wi-Fi:

- 802.11b/g/n operation in 2412MHz to 2472MHz with max power 20 dBm e.i.r.p
- 5GHz RLAN 802.11a/n/ac: operation in 5180MHz - 5240MHz with max power 23 dBm e.i.r.p; 5260MHz - 5320MHz; 5500MHz - 5700MHz with max power: 20 dBm e.i.r.p
- 5.8G RLAN operation in 5745MHz to 5825MHz with max power 14 dBm e.i.r.p

Note: The device is restricted to indoor use when operated in the 5150-5350Mhz frequency range

MA9100HP wireless specification

Bluetooth profile: a2dp, avrcp, avdtp, avctp, vcp, vcs, mcp, mcs
Bluetooth:

- Bluetooth operation in 2402MHz to 2480MHz with max power 13dBm e.i.r.p
- Bluetooth LE operation in 2402MHz to 2480MHz with max power 12dBm e.i.r.p

Wi-Fi:

- 802.11b/g/n operation in 2412MHz to 2472MHz with max power 20 dBm e.i.r.p
- 5GHz RLAN 802.11a/n/ac: operation in 5180MHz - 5240MHz with max power 23 dBm e.i.r.p; 5260MHz - 5320MHz; 5500MHz - 5700MHz with max power: 20 dBm e.i.r.p
- 5.8G RLAN operation in 5745MHz to 5825MHz with max power 14 dBm e.i.r.p

Note: The device is restricted to indoor use when operated in the 5150-5350Mhz frequency range

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body



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