

MA7100HP

7.2-channel 8K High Performance AV Receiver

JBL



Product Overview

The JBL MA7100HP is a high-performance AV Receiver that delivers stunning realism with the latest 8K HDMI specifications and native 7-channel decoding of immersive audio from Dolby Atmos and DTS:X for the ultimate home cinema experience. Seamlessly integrate your smart TV or projector with 6 HDMI inputs and 2 outputs, plus eARC. Designed with a passion for music and movies, the MA7100HP brings both to life with true high fidelity. The MA7100HP features seven channels of low-noise Class D amplification for real world power to all channels. In addition to the onboard Moving Magnet phono input for connecting a turntable, additional music content can be accessed immediately with integrated streaming using Apple Airplay2, Google Chromecast, and Bluetooth AptX Adaptive.

Taking performance to the next level, the MA7100HP comes “Dirac Live Ready” for automatic room correction, assuring audiophile-quality sonics and allows integrators and power-users to optimize the system to their personal room acoustics. Featuring a secondary HDMI video output and audio Zone, content can also be made available in a secondary location. In addition to physical controls, the MA7100HP allows for IP control for third party control system integration.

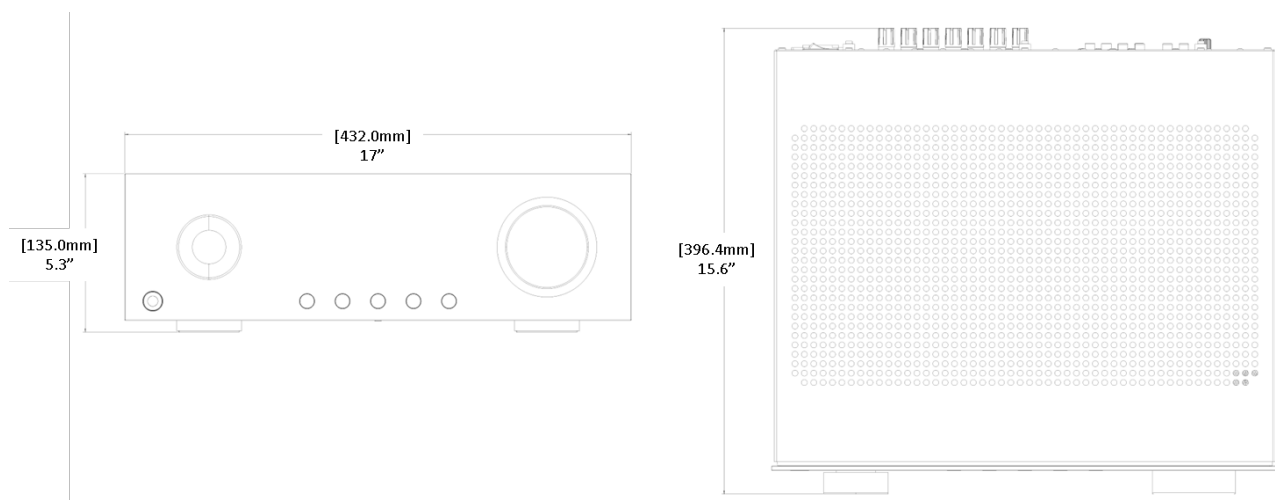
Highlights

- High-performance 7.2-channel AV receiver that delivers stunning realism with the latest 8K video for the ultimate home cinema experience
- Seamless integration with smart TVs, gaming consoles, streaming, cable boxes and more with 6 HDMI inputs and 2 outputs, plus eARC
- Dolby Atmos and DTS:X decoding, supports up to 7.1 or 5.1.2 channel configurations
- Stream music wirelessly via Bluetooth and network streaming (Apple Airplay 2, Google Chromecast)
- Seven channels of powerful low noise Class D amplification for real world power to all channels
- EZ Set EQ provides easy-to-use room equalization for optimized sound quality
- Comes Dirac Live Ready, fully prepared to run Dirac Live – the worlds most advanced room correction software

Specifications

Amplifier Section	
Channels	7.2
Rated Power @ 8Ω (20Hz – 20kHz, 2 channels driven, 0.5% THD max)	125 W RMS
Rated Power @ 4Ω (20Hz – 20kHz, 2 channels driven, 0.5% THD max)	175 W RMS
Video Features	
HDMI eARC	Yes
HDMI Audio Return Channel	Yes
8K HDMI input connectors (HDMI 2.1, HDCP 2.3 up to 8K/60Hz, 4K/120Hz)	3
HDMI 2.1 enhanced gaming features	Gaming-VRR, ALLM, QFT, HFR (4K@120Hz)
HDR 10+, Dolby Vision	Yes , Yes
Audio Features	
File format	MP3 / MPEG-4 AAC: up to 48 kHz / 320kbps WMA: up to 48 kHz / 192kbps ALAC: up to 192 kHz / 24-bit FLAC: up to 192 kHz / 24-bit PCM / WAV / AIFF: up to 192 kHz / 24-bit
Pure Direct	Yes
EZ/Set EQ	Yes
Dirac Live Ready*	License purchased separately
Front channel bi-amp	Yes
DA converter	192kHz/24-bit
Connectivity	
HDMI Input/Output	6 / 2
Wi-Fi	Yes (2.4 / 5GHz)
Bluetooth receive	Yes (v5.3, Low Energy, APTX HD, APTX Adaptive)
Bluetooth transmit	Yes
Digital Audio Input	1 Coax, 1 Optical
Stereo analog input	2 single-ended RCA
Pre-Out (single ended RCA)	Stereo Zone 2, Subwoofer 1, Subwoofer 2
General	
Mains voltage	110 – 240V, 50–60Hz
Max. power consumption	700W
Standby power consumption	<0.5W
Dimensions incl. feet and speaker terminals (H x W x D)	5.3" x 17.0" x 15.6" (135.0mm x 432.0mm x 396.4mm)
Weight	16.4lb (7.4kg)
Supplied accessories	IR remote, 2x AAA batteries, Bluetooth antenna, 2x Wi-Fi antenna, power cord

Dimensions



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Rev 1.4 | 20240604

Bluetooth profile: a2dp, avrcp, avdtp, avctp, vcp, vcs, mcp, mcs | Bluetooth Max. transmitting power: < 3dBm (EIRP)

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 WLAN 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 WLAN operation in 5745MHz to 5825MHz with max power 14 dBm e.i.r.p