

marantz



11.2 Channel 8K Ultra HD AV Pre-Amplifier w/ HEOS Built-in & Voice Control

AV7706

SKU: 167092 UPC: 699927211851

The Marantz AV7706 pre-amplifier features 8K HDMI passthrough, 3D audio formats, audiophile-quality music playback, multi-room HEOS Built-in technology, and voice control.

The AV7706 is made for home cinema enthusiasts who want everything, versatility, flexibility and musicality. The Pre-Amplifier expertly handles any kind of high-resolution stereo or multichannel audio format. Enjoy superb surround sound audio quality from the latest formats including Dolby Atmos, DTS:X, IMAX Enhanced and Auro-3D. The AV7706 enhances audio quality by delicately handling all signals via the Marantz's own current feedback HDAMs amplifier modules, before passing them to the high-quality 11.2 channel XLR or 11.2 RCA outputs and separate power amps.

Feature

- Premium-performance AV pre-amplifier with 11.2 channel XLR pre-out for maximum home cinema flexibility and musical fidelity
- **Featuring the most advanced three-dimensional audio formats:** Dolby Atmos, Dolby Atmos Height Virtualization Technology, DTS:X and DTS Virtual:X, IMAX Enhanced and Auro-3D processing are all supported to allow you to listen to all of your favourite audio styles.
- **Advanced 32-bit Conversion on All Channels:** For optimum fidelity and the widest dynamic range with lowest distortion, the AV7706 features advanced reference-class 32-bit AKM D/A converters on all channels. This ensures consistent high fidelity and precise channel matching across all channels for the ultimate listening experience.
- **Exclusive components elevate the Marantz sonic signature:** Marantz proprietary HDAM circuit boards, Current Feedback circuitry, AKM AK4458 32-bit D/A converters, and Hybrid PLL Clock Jitter Reducer produce more detailed, dynamic sound.
- Audyssey MultEQ XT32 automatized setup and room acoustic correction with Dynamic Volume, Dynamic EQ, Sub EQ HT and Low Frequency Containment deliver a full-range balance, including deep bass with improved definition.
- **8K/60Hz and 4K/120Hz pass-through support for every entertainment need:** With the latest technology in HDMI support, enjoy 8K quality video from your 8K source devices or with 8K upscaling from Full HD or 4K sources.
- **HDMI eARC Object-Based Audio Support:** eARC (Enhanced Audio Return Channel) supports the transmission of 3D audio from your TV with a single HDMI connection for the simplest setup.
- **The greatest technology for home cinema:** Support for the latest HDR formats including HDR10, HDR10+, HLG, Dolby Vision, 4:4:4 colour resolution and BT.2020, as well as Dynamic HDR provides exceptional picture quality for brightness, clarity and contrast.
- **The Next Level in Gaming:** Enjoy your gaming with 4K/120Hz pass-through, as well as Variable Refresh Rate (VRR), Quick Frame Transport (QFT), and Auto Low Latency Mode (ALLM), which reduces or eliminates lag and frame tearing.
- **HEOS Built-in:** Almost unlimited music sources: Stream from music services like Spotify Free and Premium, Amazon Music HD, Tidal and more, or stream directly from smart devices via AirPlay 2 or Bluetooth
- **Phono EQ Stage with HDAM:** The HDAM component of the Marantz AV7706 outperforms op-amp solutions due to its high speed and maintains a clean audio signal for exceptional sound performance.

- **Dual Subwoofer Outputs:** Surround yourself with even, accurate bass. The AV7706 features two subwoofer outputs to smooth low frequencies and improve bass dispersion, avoiding peaks and audible dips. Connected subwoofers can be calibrated independently thanks to Audyssey Sub EQ HT technology for more seamless bass performance tailored to your room