

marantz®

AV7702mkII

MULTICHANNEL AV PRE-AMPLIFIER WITH WIFI & BLUETOOTH



The AV7702mkII is extremely versatile. Not only does it perfectly and expertly handle any kind of high resolution multichannel audio format but it also offers an extended network package including audio streaming, internet radio, Spotify Connect and AirPlay. It even includes built-in WiFi and Bluetooth capabilities. Superb surround sound audio quality from the latest tone formats is guaranteed by the powerful 32-Bit SHARC DSP offering high channel separation that leaves no chance for any crosstalk. Tone formats include the latest decoding technologies Dolby Atmos, DTS:X (via firmware update later in 2015) and Auro-3D (optional paid upgrade) – which not only provide breath-taking surround sound but also open the door to 3D sound. The DSP is supported by high quality 192kHz / 32 bit DAC. In addition, the 11.2 channel AV7702mkII further enhances audio quality by delicately handling all signals via the Marantz-own current feedback HDAMs preamp, before passing them to the high-quality 11.2 XLR or 13.2 RCA outputs and separate power amp. The AV7702mkII also takes supreme care of video signals via the eight HDMI 4k 60Hz pass through / scaling inputs and sends them to the two HDMI output sockets or independently to the third HDMI output that is dedicated for Multiroom. All of them support HDCP2.2 copy protection for 4k UHD content. There is even a Phono MM input – ideal for those precious vinyls. Set-up and operation is quick and easy via the Audyssey MultEQ XT32 auto-calibration and high-resolution Graphic User Interface. It's all there, just waiting to perform.

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Main Features

- Wi-Fi and Bluetooth built in
- Dolby Atmos and DTS:X (ready)
- Auro-3D upgradeable (optional paid upgrade)
- 13.2 ch preout (XLR 11.2) with 11.2 ch processing
- Current Feedback circuitry with Marantz New HDAM
- Audyssey MultEQ XT32, LFC, Sub EQ HT, Pro ready
- Latest HDMI 2.0a with 4K 60Hz 4:4:4 resolution
- High quality 192kHz / 32bit DAC
- 7+1 HDMI in / 3 out (4K 60Hz, 3D, ARC, HDR, BT2020)
- Full HDCP 2.2 support on all inputs
- HDMI scaling 1080p, 4k 50/60Hz
- MP3, WAV, AAC, WMA, AIFF
- HD Audio streaming: FLAC 192/24, DSD, ALAC
- Gapless Playback
- Spotify Connect*, Internet Radio support
- Phono (MM) input
- Setup Assistant and advanced GUI
- Big trapdoor design; Aluminum front panel
- Marantz Remote App for iOS and Android devices
- ECO mode



because music matters

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FEATURES	AV7702mkII
MULTICHANNEL SURROUND	
DTS HD Master / DTS 5.1 / DTS ES / DTS 96/24	• / • / • / •
Dolby Digital Plus / Dolby TrueHD / Dolby Surround	• / • / •
Dolby Atmos	•
DTS:X	•
Multichannel Stereo	•
Compressed audio Enhancer: MDAx2	•
NETWORK	
DLNA Certified	• (v1.5)
Lossy formats MP3 / WMA / AAC	• / • / •
DSD Streaming	• (2.8 MHz)
FLAC HD 192/24 / WAV 192/24 / ALAC 96/24	• / • / •
Gapless playback	• (FLAC, WAV, ALAC, DSD)
AirPlay audio streaming	•
Windows PlayTo / Windows 8/RT compatible	• / •
Internet Radio (vTuner) / Spotify Connect *	• / •
Compatible with Remote APP for Smart Phones	Android/iOS
Ethernet / Wi-Fi	• / • (dual antenna)
CONVENIENT AND SOUND	
FM / AM Tuner	• / •
Current Feedback Topology	•
Hyper Dynamic Amplifier Modules (HDAM)	•
High grade audio components	•
Bluetooth	•
Auto speaker setup by microphone	Audyssey Mult EQ XT32 (Pro)
Audyssey Dynamic EQ / Dynamic Volume	• / •
Video conversion	CVBS > HDMI; Comp > HDMI
Video processing	>1080p, 4k 50/60Hz
ISF Certification	•
HDMI pass-through on stand-by	•
3D video pass-through / Audio Return Channel	• / •
On Screen Display: Advanced GUI	•
GUI overlay on HDMI	•
Setup Assistant (English, German, French, Spanish, Italian, Dutch, Swedish, Polish, Russian)	•
Smart Select	4 presets
Variable cross over	•
Multiroom zones	3
Optimized Bass Redirection	•

* This feature is not available in all countries.

INPUTS/OUTPUTS	
VIDEO	
Composite In / Out	3+1 / 2
Component In / Out	3 / 1
HDMI In / Out	7+1 / 3 (2 main + zone)
AUDIO	
Analogue In / Out	5+1 / 0
Digital Optical In	2
Digital Coaxial In	2
Multichannel Pre Out	• (13.2 RCA & 11.2 XLR)
Subwoofer Out	2
Zone audio preout	•
7.1 multichannel input	•
OTHERS	
Gold-plated terminals	•
Speaker A / B	Assignable pre-out
Height speaker terminal	Speaker B or Height
Bi-amp drive	Assignable pre-out
Multi-Room Speaker Terminal	Pre-out
RS232 control	•
IR Flasher In	•
DC Trigger output	•
Marantz remote bus	•
Network: (IP-control / update)	• / •
Front Inputs: HDMI / USB	• / •
USB Audio / Made for iPod / Made for iPhone	• / • / •
GENERAL	
Available colours	Black
System Remote Control	RC027SR
Power Consumption in W	60
Standby Consumption in W	0.2 (with CEC 0.5)
Maximum Dimensions (W x D x H) in mm	440 x 411 x 185
Weight in kg	10.2

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* All specs can be subject to change.

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