

marantz



AV20

AV Preamplifier

Reference 13.4 Channel Balanced AV Preamplifier with Dolby Atmos, DTS:X Pro, AURO-3D, IMAX Enhanced and 8K Ultra HD, and HEOS® Built-in streaming.

- Detailed and immersive sound transforms your home theatre
- 13.4-channel output allows a variety of speaker layouts such as 7.4.6
- Decodes Dolby Atmos, DTS:X, IMAX Enhanced audio and AURO-3D
- Acoustic room tuning with Audyssey MultEQ XT32 and optional Dirac Live
- Seven HDMI inputs (all 8K) and three outputs for highest resolution video
- Sound Master tuned for warm, rich and detailed Marantz sound
- High-quality HD on-screen interface makes setup intuitive
- Balanced and RCA outputs for external power amplifiers
- Elegant design matches beautiful sound
- Optimised HDAM-SA3 for fast response and low distortion



The Most Musical Sound

AV 20

Technical Specifications



Multichannel Surround Technologies		
DTS	DTS-HD, DTS:X, DTS:X Pro, DTS VirtualX, DTS NeuralX (13ch)	
Dolby	Dolby TrueHD, Dolby Atmos, Dolby Atmos Height Virtualisation, Dolby Surround	
IMAX	IMAX Enhanced	
Auro 3D / 360 Reality Audio / MPEG H	Yes / Yes / Yes	
Multichannel Stereo	Yes	
Max. Number of Processing (Pre-Amp) Channels	13.4	
Sound Enhancements		
Copper-Plated Chassis / Toroidal Power Transformer	Yes / Yes	
Current Feedback Topology / Hyper Dynamic Amplifier Modules (HDAM)	Yes / Yes (SA3, monolithic)	
Pure Direct / Gold-Plated RCA Terminals	Yes / Yes	
Clock Jitter Reducer	Yes	
Dirac Live Upgradability	Yes	
Compressed Audio Enhancer: MDAX2	Yes	
Audyssey Dynamic EQ / Dynamic Volume / Audyssey LFC	Yes / Yes / Yes	
Audyssey	MultEQ XT32	
Network		
Wi-Fi / Bluetooth / Ethernet	Yes / Yes / Yes	
HEOS Multi-Room and Streaming	Yes	
Bluetooth Retransmit for Bluetooth Headphones	Yes	
Lossy Formats	MP3, WMA, AAC	
Lossless Formats	FLAC, FLAC HD 192/24, ALAC, ALAC 192/24, WAV, WAV 192/24	
DSD Audio Streaming	Yes (2.8/5.6 MHz)	
Gapless Playback	FLAC, ALAC, WAV, DSD	
Tuneln / AirPlay 2 / Spotify	Yes / Yes / Yes	
Roon Ready	Yes	
Other Streaming Services	Amazon Music / TIDAL / Deezer / Napster / Soundcloud	
Compatible with Remote App for Smartphones	Marantz AVR Remote	
Compatible with Remote App for Tablets	Android / iOS / Amazon Kindle	
HDMI		
Total HDMI Inputs	7 (rear)	
HDCP 2.3 Support	Yes	
HDMI Outputs: Main / Zone	2 / 1	
HDMI Upscaling	1080p/4K to 8K	
GUI Overlay on HDMI	Yes	
HDMI 2.1: 8K/60Hz AB / 4K/120Hz AB	Yes / Yes	
8K/60Hz AB / 4K/120Hz AB Pass-Through In/Out	7 / 2 (up to 40 Gbps)	
HDR / HLG / Dolby Vision / HDR10+ / Dynamic HDR	Yes / Yes / Yes / Yes / Yes	
Enhanced ARC	Yes	
ALLM (Auto Low Latency Mode) Pass-Through for Gaming	Yes	
Variable Refresh Rate / Quick Frame Transport	Yes / Yes	
HDMI Pass-Through in Standby Mode	Yes	
DSD Audio Capability	Yes	
Auto LipSync	Yes	

Inputs/Outputs		
Video	Composite In / Out	2 / 0
	Component In / Out	1 / 0
	HDMI In / Out	7 / 3
Audio	Multi-Room Video Out: Video / HDMI	No / Yes
	Analogue In	7 (1× XLR)
	Phono (MM) In	Yes
	Digital In: Optical / Coaxial	2 / 2
	Multi-Room Out: Analog / Digital	2 / 0
	Multichannel Pre-Amp Out	Yes (15.4 RCA, 15.4 XLR)
Other	Subwoofer Out	4 (independent) RCA, XLR
	Speaker A / B	Assignable Pre-Out
	Bi-Amp Drive	Assignable Pre-Out
	Front USB Input / USB Audio	Yes / Yes
	USB Power Supply (Rear)	Yes
Multi-Room		
Multi-Room Zones		3
Zone Audio Source: HDMI / Opt, Coax / Network, USB / Analogue		Yes (2 ch) / Yes (2 ch) / Yes / Yes
Zone Audio Output: Speaker / Pre-Out		No / Yes
Zone HDMI Output from HDMI Source		Yes
IP Control / RS232 Control / Web Control / App Control		Yes / Yes / Yes / Yes
IR Flasher In / Marantz Remote Bus		Yes / Yes
DC Trigger Output		3
HDMI Diagnostics		Yes
HEOS Multi-Room Integrated		Yes
Others		
Auto Speaker Setup by Microphone		Audyssey MultEQ XT32 Dirac Live (Upgrade)
Front Display		2-Line FLD, Port Hole OLED
Graphic User Interface		Modern HD GUI
GUI Languages		9
Setup Assistant / Smart Select		Yes / Yes
Firmware Update by Network / USB		Yes / Yes
Variable Cross Over / Optimised Bass Redirection / Bass Sync		Yes / Yes / Yes
Auto Power Off / Sleep Timer		Yes / Yes
General		
Metal Front Panel		Yes
System Remote Control		RC051SR
Backlit		Yes
Power Consumption		90 W
Standby Consumption		0.2 W
CEC Standby Consumption		0.5 W
Network Standby Consumption		<2.0 W
Maximum Dimensions		Antenna, Horizontal: (W × D × H) Antenna, Vertical: (W × D × H) w/o Antenna: (W × D × H)
Weight		15.0 kg
What's in the Box		Main unit, remote control, batteries, wire labels, quick start guide, Audyssey microphone, card board microphone stand, 2 External Detachable Antenna, AC cord
EAN		747192145590

Design and specifications are subject to change by Marantz without notice.

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