



AV 10

Technical Specifications



AV Pre-Amplifier/Processor

Reference 15.4 Channel Balanced Processor 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 listening room
- Beautiful design matches rich, warm sound
- 17.4 channel output via RCA and XLR supports myriad reference loudspeaker configurations
- Extraordinarily clear digital to analogue conversion with switchable filter settings
- Decodes Dolby Atmos and DTS:X audio and Auro 3D
- Acoustic room tuning with Audyssey MultEQ XT32
- Seven HDMI inputs (all 8K) and three outputs for highest resolution video
- Sound Master tuned for warm, rich and detailed Marantz sound
- Attractive new HD on-screen interface makes setup intuitive



Multichannel Surround Technologies		
DTS	DTS HD Master, DTS:X, DTS:X Pro, DTS NeuralX (15 ch), DTS VirtualX	
Dolby	Dolby TrueHD, Dolby Atmos, Dolby Atmos Height Virtualization, Dolby Atmos Music, 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	15.4	
Sound Enhancements		
Copper-Plated Chassis / Toroidal Power Transformer	Yes / Yes	
Current Feedback Topology / Hyper Dynamic Amplifier Modules (HDAM)	Yes / Yes	
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	
Alexa / Google Voice Assistant / Apple Siri [Service availability varies by region]	Yes / Yes / Yes	
Lossy Formats	MP3, WMA, AAC	
Lossless Formats	FLAC, FLAC HD 192/24, ALAC, ALAC 192/24, WAV, WAV 192/24	
DSD Audio Streaming (2.8/5.6 MHz)	Yes	
Gapless Playback	FLAC, ALAC, WAV, DSD	
Internet Radio / AirPlay 2 / Spotify	Yes / Yes / Yes	
Room-Tested	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	
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)	
HDMI 2.0: 3D / 4K / CEC / ARC	Yes / Yes / Yes	
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 / Quick Media Switching	Yes / Yes / No	
3D Signal Pass-Through	Yes	
8K Signal Pass-Through / Scaling / GUI Overlay	Yes / Yes / Yes	
4K Signal Pass-Through / Scaling / GUI Overlay	Yes / Yes / Yes	
HDMI Pass-Through in Standby Mode	Yes	
CEC / DSD Audio Capability	Yes / Yes	
Audio Return Channel / Auto LipSync	Yes / Yes	

Inputs/Outputs		
Video	HDMI In / Out	7 / 3
	Multi-Room Video Out via HDMI	Yes
Audio	Analogue In	5 (1, XLR)
	Phono (MM) In	Yes
	Digital In: Optical / Coaxial	2 / 2
	Multi-Room Out: Analogue / Digital	1 / 0
	Multi-channel Pre-Amp Out	Yes (17.4 RCA, 17.4 XLR)
Other	Subwoofer Out	4 (Independent)
	Speaker A / B	Assignable Pre-Out
	Bi-Amp Drive	Assignable Pre-Out
	Multi-Room Speaker Terminal	Pre-Out
	Front USB Audio	Yes
Multi-Room		
	HEOS Multi-Room Integrated	Yes
	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	2
	HDMI Diagnostics	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 / Optimized Bass Redirection / Bass Sync	Yes / Yes / Yes
	ECO Mode / Auto Power Off / Sleep Timer	No / Yes / Yes
General		
	Metal Front Panel	Yes
	System Remote Control	RC047SR
	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 x D x H) 443 x 503 x 189mm Antenna, Vertical: (W x D x H) 443 x 503 x 252mm w/o Antenna: (W x D x H) 443 x 483 x 189mm
	What's in the Box	Main unit, remote control, batteries, wire labels, quick start guide, Audyssey microphone, cardboard microphone stand, 2 External Detachable Antenna, AC cord
	Weight	16.8kg
	EAN	0747192137427

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

www.marantz.com

The Most Musical Sound

Sound United
A Division of D&M Europe BV.
P.O. Box 8744
5605 LS Eindhoven
The Netherlands

