

marantz



CINEMA 50 SERIES 2

CINEMA 50 SERIES 2 AV Receiver

Premium home theater performance in a refined Marantz design.

- **9.4-channel AV receiver**
- **Dolby Atmos immersive audio**
- **Dirac Live room correction**
- **Powered by HEOS™ multi-room streaming**
- **8K HDMI connectivity**
- **Upgraded 32-bit DAC**
- **110W per channel amplification**
- **Sound Master tuned performance**
- **Timeless Marantz design**
- **Built for movies, music and gaming**



Stop Watching. Start Feeling.

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Technical Specifications

Multichannel Surround		
DTS-HD / DTS:X / DTS:X Pro	Yes / Yes / No	
DTS Neo:6 / DTS Neural:X	No / Yes	
DTS Virtual:X	Yes	
IMAX Enhanced	Yes	
Dolby TrueHD / Atmos / Atmos Height Virtualization / Atmos Music	Yes / Yes / Yes / Yes	
Dolby ProLogic II / Dolby Surround	No / Yes	
AURO-3D	Yes	
360 Reality Audio / MPEG H	Yes / Yes	
Multichannel Stereo	Yes	
Max. number of processing (preamp) channels	11.4	
Sound Enhancements		
Discrete Power Amplifier	Yes	
Copper Plated Chassis	No	
Power Transformer: Toroidal / EI	EI	
Current Feedback Topology	Yes	
Hyper Dynamic Amplifier Modules (HDAM)	Yes (SA2)	
Pure Direct	Yes	
Gold Plated RCA Terminals	Yes	
Clock Jitter Reducer	Yes	
Audyssey	MultEQ XT32	
Audyssey Dynamic EQ / Dynamic Volume	Yes / Yes	
Audyssey LFC	Yes	
Subwoofer Mode: Standard / Directional	Yes / Yes	
Dirac Live upgradability	Yes	
Compressed Audio Enhancer: MDAX2	Yes	
Network		
HEOS Multi-Room and Streaming	Yes	
Bluetooth Re-transmit for Bluetooth headphones	Yes	
Volume control for Bluetooth transmitter	Yes	
Network Audio Sharing	Yes	
Lossy formats: MP3 / WMA / AAC	Yes / Yes / Yes	
Lossless formats: FLAC HD 192/24 / WAV 192/24 / ALAC 192/24	Yes / Yes / Yes	
DSD Audio Streaming	Yes (2.8/5.6MHz)	
FLAC HD 192/24 / WAV 192/24 / ALAC 192/24	Yes / Yes / Yes	
Gapless Playback	Yes (FLAC, WAV, ALAC, DSD)	
AirPlay Audio Streaming	Yes (AirPlay2)	
Internet Radio	Yes (TuneIn)	
Spotify* Connect	Yes	
Tidal* Connect	Yes	
Qobuz* Connect	Yes	
Pandora / SiriusXM	Yes / Yes	
Other Streaming Services*	Amazon Music / Amazon Music HD / TIDAL / Deezer / iHeart Radio / SoundCloud / Mood Mix	
Roon Ready	Yes	
Compatible with remote app for smartphones	Marantz AVR Remote / HEOS	
Compatible with remote app for tablets	Android / iOS / Amazon Kindle	
Wi-Fi / Bluetooth / Ethernet Ports	Yes / Yes / Yes	
HDMI		
HDMI Inputs: Back / Front	6 / 0	
HDCP2.3 support	Yes	
HDMI Outputs: Main / Zone	2 / 1	
HDMI to HDMI scaling	1080P/4K to 8K	
HDMI 2.1: 8K/60Hz AB / 4K/120Hz AB	Yes / Yes	
8K/60Hz AB / 4K/120Hz AB Pass-through In/Out	6 / 2 (up to 40Gbps)	
Enhanced ARC / ARC	Yes / Yes	
HDR / HLG / Dolby Vision / HDR10+ / Dynamic HDR	Yes / Yes / Yes / Yes / Yes	
ALLM (Auto Low Latency Mode) Pass-through for gaming	Yes	
Variable Refresh Rate / Quick Frame Transport / Quick Media Switching	Yes / Yes / No	
AMD FreeSync compatible	Yes	
3D Signal Pass-Through / HDMI Pass-Through in Standby Mode	Yes / Yes	
Picture Adjust / Noise Reduction	No / No	
CEC / DSD Audio Capability / Auto LipSync	Yes / Yes / Yes	

*Not available in all regions



Multiroom/CI		
HEOS Multi-Room Integrated	Yes	
HEOS Link Compatibility: iR / IP	Yes / Yes	
Multi-Room zones	2	
Zone Audio Source: HDMI / Opt, Coax / Network, USB / Analog	Yes (2ch) / Yes (2ch) / Yes / Yes	
Zone Audio Output: Speaker / Pre-Out	Yes / 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	1	
HDMI Diagnostics	Yes	
Others		
Auto Speaker Setup by Microphone	Audyssey MultEQ XT32 Dirac Live (upgrade)	
Front Display	Porthole OLED	
Graphic User Interface - GUI	Modern HD GUI	
ISF Certification	No	
GUI Languages	3	
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	Yes / Yes / Yes	
Inputs/Outputs		
Video	HDMI In / Out	6 / 3
	Multi-Room Video Out: Video / HDMI	No / Yes
Audio	Analog In / Out	5 / 0
	Phono (MM) In	Yes
	Digital In: Optical / Coaxial	2 / 2
	Multi-Room Out: Analog / Digital	1 / 0
	Multichannel Pre Out	Yes (11.4)
	Subwoofer Out	4 (independent)
Others	Speaker Terminal: Gold Plated Screw / Regular Screw	Yes / No
	Number of Speaker Terminals	11
	Speaker A / B	assignable
	Bi-Amp Drive	assignable
	Multi-Room Speaker Terminal	assignable
	Front Inputs: Audio / Composite / Digital (Opt) / HDMI / USB	No / No / No / No / Yes
	USB Audio / Made for iPod / Made for iPhone	Yes / No / No
	USB Power supply on rear panel	Yes
	AM/FM Tuner	Yes
Specifications		
Number of Power Amps	9	
Power Output (8 ohm, 20 Hz - 20 kHz, 0.08% 2ch Drive)	110W	
Power Output (6 ohm, 1 kHz, 0.7% 2ch Drive)	150W	
General		
Metal Front Panel	Yes	
System Remote Control	RC054SR	
Power Consumption in W	680	
Power Consumption, no sound (ECO on / off) in W	60 W / 100 W	
Standby Consumption in W	0.2	
CEC Standby Consumption in W	0.5	
Network Standby Consumption in W	Less than 2.0	
Maximum Dimensions (W x D x H) in Inches		
Antenna-Horizontal	17.4 × 15.9 × 6.5	
Antenna-Vertical	17.4 × 15.9 × 9.3	
Without Antenna	17.4 × 15.5 × 6.5	
Weight in lbs	29.8	
What's in the box	Main unit, remote control, batteries, AM/FM antennas, wire labels, quick start guide, Audyssey microphone, cardboard microphone stand, 2 external detachable antennas, AC cord	
UPC code	747192148164	

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

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