

marantz®



CINEMA 50

CINEMA 50 AV Amplifier

Premium 9.4 channel 110-watt-per-channel amplification, Dolby Atmos, DTS:X, IMAX Enhanced and Auro 3D, 8K Ultra HD, and HEOS® Built-in streaming. CINEMA 50 is a powerful AV amplifier for very high-performance home theatres.

- Detailed and immersive sound transforms your listening room
- Beautiful design matches rich, warm sound
- 9.4 channel output allows a variety of speaker layouts
- 110-watts-per-channel amplifier creates realistic dynamics
- Decodes Dolby Atmos, DTS:X audio, and Auro 3D
- Acoustic room tuning with Audyssey MultEQ XT32
- Six 8K HDMI inputs and three outputs for highest-resolution video
- Proprietary HDAM analogue electronics reveal incredible detail
- Attractive new HD on-screen interface makes setup intuitive
- Pre-amp outputs for all channels enable amplifier upgrades



CINEMA 50 Technical Specifications



Power Amplifier		
Number of Powered Channels		9
Power Output (8 ohm, 20 Hz-20 kHz, 0.08% 2ch Drive)		110 W
Discrete Power Amplifier		Yes
Amplifier Topology		Class A/B
Current Feedback Topology		Yes
Bi-Amp Drive		assignable
Multichannel Surround Technologies		
DTS	DTS HD Master, DTS:X, DTS Neural:X, DTS Virtual:X	
Dolby	Dolby TrueHD, Dolby Atmos, Dolby Atmos Height Virtualization, Dolby Atmos Music, Dolby Surround	
Other	IMAX Enhanced, Auro 3D, 360 Reality Audio, MPEG H, Multichannel Stereo	
Max. Number of Processing (Pre-Amp) Channels		11.4
Inputs/Outputs		
Video	HDMI In / Out	6 / 3
	Multi-Room Video Out: Video / HDMI	No / Yes
Audio	Analogue In / Fixed Level Out	5 in / 0 out
	Phono (MM) In	Yes
	Digital In: Optical / Coaxial	2 / 2
	Multi-Room Out: Analogue / Digital	1 / 0
	Multichannel Pre-Amp Out	11.4
	Subwoofer Out	4 (independent)
	7.1 Multichannel Input	Yes
Other	Number of Speaker Terminals	11
	Speaker A / B	Assignable
	Multi-Room Speaker Terminal	Assignable
	Front Inputs	USB-A
	USB Audio	Yes
FM/AM Tuner	No	
HDMI		
Total HDMI Inputs / No. Support 8K		6 / 6
HDCP 2.3 Support		Yes
HDMI Outputs: Main / Zone		2 / 1
HDMI Upscaling		1080p/4K to 8K
Max. Resolution / Frame Rate		1080p/4K to 8K
Audio Return Channel		eARC
Video Dynamic Range		HDR / HLG / Dolby Vision / HDR10+ / Dynamic HDR
ALLM (Auto Low Latency Mode) Pass-Through for Gaming		Yes
HDMI Pass-Through in Standby Mode		Yes
CEC		Yes
Auto LipSync		Yes
Performance Technologies		
Copper-Plated Chassis		No
Toroidal Power Supply Transformer		No
Hyper Dynamic Amplifier Modules (HDAM) (List version)		Yes
Pure Direct Mode		Yes
Gold-Plated RCA Terminals		Yes
Clock Jitter Reducer		Yes
Acoustic / Room Correction		
Audyssey		MultEQ XT32
Audyssey Dynamic EQ / Dynamic Volume		Yes / Yes
Audyssey LFC		Yes / Yes
Dirac Live Support		Yes (via firmware upgrade)
Variable Cross Over		Yes
Optimized Bass Redirection		Yes
Bass Sync		Yes

Streaming Services		
HEOS Multi-Room and Streaming		Yes
AirPlay Audio Streaming		AirPlay 2
Internet Radio		TuneIn
Spotify		Spotify Connect
Other Streaming Services		Amazon Music / TIDAL / Deezer / Napster / Soundcloud / Mood Mix
Room-Tested		Yes
Supported file formats		MP3 / WMA / AAC FLAC / ALAC / WAV (192/24) DSD (up to DSD5.6)
Network Connectivity		
Ethernet Ports		Yes
Wi-Fi		Yes
Bluetooth		Yes
Bluetooth Re-Transmit for Bluetooth Headphones		Yes
Smart Home Integration and Control		
Voice Assistant Compatibility		Alexa / Google Voice Assistant / Apple HomePod
App for Smart Phones & Tablets (iOS/Android)		Marantz AVR App
HEOS Multi-Room Integrated		Yes
Multi-Room Zones		2
Zone Audio Source: HDMI / Opt, Coax / Network, USB / Analogue		2 Ch / 2 Ch / Yes / Yes
Zone Audio Output: Speaker / Pre-Out		Yes / Yes
Control Connectivity		IP Control / RS232 Control / Web Control / App Control
IR Flasher In		Yes
Marantz Remote Bus		Yes
DC Trigger Output		1
HDMI Diagnostics		Yes
Other		
Front Display		Port Hole OLED
GUI Languages		9
Setup Assistant		Yes
Smart Select on Remote		Yes
Firmware Update by Network / USB		Yes / Yes
ECO Mode		Yes
Auto Power Off		Yes
Sleep Timer		Yes
General		
Metal Front Panel		Yes
Colour options		Black / Silver-Gold
System Remote Control		RC-049SR
Power Consumption in W		680 W
Power Consumption, No-Sound in W (ECO on / off)		60 W / 100 W
Standby Consumption in W		0.2 W
CEC Standby Consumption in W		0.5 W
Maximum Dimensions	Antenna, Horizontal: (W x D x H) Antenna, Vertical: (W x D x H) w/o Antenna: (W x D x H)	442 x 404 x 165mm 442 x 404 x 235mm 442 x 392 x 165mm
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
Weight in kg		13.5
EAN	CINEMA50/N1B CINEMA50/N1SG	0747192138677 0747192138684

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

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The Most Musical Sound