

marantz



MODEL 10

MODEL 10 Reference Integrated Amplifier

MODEL 10 is the new reference in amplifier design. Featuring a newly designed dual-mono symmetrical amplifier topology, it is the most powerful, highest performing Marantz amplifier ever.

- 2 × 250 watts (8 ohm) / 2 × 500 watts (4 ohm) 20Hz–20kHz
- New Marantz-engineered amplifier platform with Purifi technology
- Fully balanced dual mono amplifiers including all-new dual mono switch-mode power supplies
- Power Amplifier mode with preamplifier bypass
- Analog In (RCA), Phono (MM/MC), Line 1, Line 2, Recorder In/Out
- Balanced and single-ended inputs and outputs
- Phono MM/MC with settings for low, medium, and high output cartridges
- Headphone amplifier
- Copper-plated, triple-layered, symmetrical separation chassis isolates high power from low power circuits for superb noise immunity
- Brushed aluminum front face, HD TFT Color Display, mesh top cover with internal illumination and branding



The Most Musical Sound

MODEL 10

Technical Specifications



General	
Unit (W × H × D mm)	440 × 192 × 473
Cabinet Size	440 × 192 × 422
Net weight	33.7kg
Packaging Dimensions (W × H × D mm)	600 × 379 × 540
Packaging gross weight	39.0kg
Carton Color	1 Color (Material color: Brown Printing: Black)
Panel Color	Black / Marantz Champagne
Front (Center) Panel	Anodized machined aluminum
Back-shell	Anodized machined aluminum
Front panel illumination	Yes (All sides, Dimmer)
Side cover	Aluminum (Thickness: Max 15.8mm)
Top cover	Aluminum (Thickness: 6mm)
Top cover (Centor) ventilation hole material	Stainless mesh
Interior illumination	Yes, dimmable
Rear Panel	Copper Plated
Chassis Material	Copper Plated
Bottom Layer / Bottom plate	Triple layer Copper plated
Volume Knob	Solid aluminum (Bearing construction)
Input Selector	Solid aluminum (Bearing construction)
Foot	Solid Aluminum with Copper
Heatsink for Power Amplifier	Extruded Aluminum

Audio	
Rated Output Power	250W + 250W (8ohm, 20Hz-20kHz, THD 0.05 %) 500W + 500W (4ohm, 20Hz-20kHz, THD 0.05 %)
Speaker Impedance	4~16ohm
Frequency Response	5Hz~60kHz +0dB/-3dB 20Hz~20kHz +0dB/-0.3dB
Total Harmonic distortion	0.005% (125W, 8ohm, 20-20kHz) (CCIF IMD, DFD IMD)
Damping Factor	500 (8ohm, 20Hz-20kHz)
Input Sensitivity: Phono input	MM: 3.6 mV / 39 kohm MC (Low): 400 μV / 33 ohm MC (Mid): 400 μV / 100 ohm MC (High): 400 μV / 390 ohm
RIAA Deviation	20 Hz - 20 kHz ±0.5 dB (MM/MC)
Phono Maximum Input	MM : 80mV MC : 8mV
Input Sensitivity: CD/LINE/RECORDER	350 mV/47kohm (Unbalanced) 700 mV/36kohm(Balanced) (Gain = 42dB)
Input Sensitivity: Power Amp input	Unbalanced: 1.58V / 47kohm (Gain : 29dB) Balanced: 3.16V / 15kohm (Gain : 23dB)
SN Ratio	PHONO (MM): 89dB PHONO (MC): 76dB LINE 1, LINE 2, RECORDER: 122dB Balanced: 122dB
Headphone Output Level	130mW / 32 ohms
Tone Control	BASS : 50Hz ±10dB TREBLE : 15kHz ±10dB
Power Consumption	270W 0.1W (at Standby)

Audio Feature	
Power Amplifier Circuit	Switch Mode BTL
Power Trans	Toroidal transformer in shielding case for preamplifier section only
SMPS for Power amplifier	L/R independant
Pre Amplifier Circuit	New HDAM High Grade Full balance
Volume	Electric / Variable gain
Bass / Treble / Mid / Balance Control	Yes / Yes / No / Yes
Type of Tone Control	Electric
Headphone Circuit	HDAM-SA2+ Diamond buffer
Source Direct	Yes
Power amp mode turn off Pre-Amp power supply	Yes
Mono mode	Yes Switch Stereo / Bi-Amp on Rear Panel

Connectivity	
Audio/ Video	Phono Input Yes (MM / MC) Marantz Musical Premium Phono EQ w/ Selectable MC impedance (3 position) PHONO (MC Low): 400 μV / 33Ω PHONO (MC Mid): 400 μV / 100Ω PHONO (MC High): 400 μV / 390Ω PHONO (MM): 3.6 mV / 39kΩ
	Analog Input (include Phono) / REC Out (RCA) 4 / 1 (LINE1, LINE2, PHONO: Thick nickel plated independent terminals) (RECORDER: Thick nickel plated independent terminals)
	Balanced XLR input 2
	Power Amp Direct Yes (RCA (Thick nickel plated independent terminals) / XLR)
	Pre out Yes (RCA (Thick nickel plated independent terminals) / XLR)
	2 sets of Speaker Output Yes (Bi-wiring)
	Speaker Terminal Marantz Original SPKT-100+ 2 (High quality and high-purity copper plated)
	Headphone Output 1 (Turns off the speaker automatically when headphone is inserted)
Control/ Other	Remote Control Bus Terminal Yes (RC-5 In / Out)
	Remote Internal / External Switch Yes
	Flasher Input Yes
	AC Inlet Yes
	Other F.C.B.S. (Floating Control Bus System)
	Remote Controller 10 series Universal Remote control
	Unit control (Button) Tact Switch : 1 POWER
	Unit control (Knob) 2 VOLUME, INPUT SELECTOR
	LED POWER: 1 White Protection: 1 Orange Illumination (Edge): White Interior: White
	Front Panel Display New HD TFT Color Display
	Dimmer for Front Display 20 steps
	Level meter Yes (HD Display)
	Volume Display -infinity/-99.5dB - 0dB / 0.5 step (default) 0-100 / 0.5 step switchable
	Last Function Memory Yes
	Auto Standby Mode Yes
	Remote Controller RC004PMND
	Battery Yes (AAA ×2)
	Power Cord Yes (ALL region / Audio Grade / OFC)
	Other CoA card

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

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