

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), CD, 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 with selectable gain
- Copper-plated, triple-layered, symmetrical separation chassis isolates high power from low power circuits for superb noise immunity
- Brushed aluminum front face, full-color OLED HD 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	AA-nodized machined aluminum
Front panel illumination	Yes (All sides, Dimmer)
Side cover	Aluminum (Thickness: Max 15.8mm)
Top cover	Aluminum (Thickness: 6mm)
Top cover (Center) 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 Copper plated (H: 18.5mm)
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 / 36 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/41 kohm (Unbalanced) 700 mV/36kohm(Balanced) (Gain = 42dB)
Input Sensitivity: Power Amp input	Unbalanced: 1.58V / 41kohm (Gain : 29dB) Balanced: 3.16V / 15kohm (Gain : 24dB)
SN Ratio	PHONO (MM): 88dB PHONO (MC): 76dB CD: 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 FC.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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