

marantz



MODEL 10

Reference Integrated Amplifier

MODEL 10 is the new reference in amplifier design. Featuring a newly designed dual-mono fully-balanced 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
- Analogue 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 aluminium front face, full-colour OLED HD display, mesh top cover with internal illumination and branding



The Most Musical Sound

MODEL 10

Technical Specifications



General	
Unit Dimensions (W × H × D mm)	440 × 192 × 473
Cabinet Dimensions	440 × 192 × 422
Net weight	33.7kg
Packaging Dimensions (W × H × D mm)	600 × 379 × 540
Packaging gross weight	39.0kg
Carton Colour	1 Color (Material color: Brown Printing: Black)
Panel Colour	Black / Marantz Champagne
Front (Centre) Panel	Anodized machined aluminium
Back-shell	Anodized machined aluminium
Front panel illumination	Yes (All sides, Dimmer)
Side cover	Aluminium (Thickness: Max 15.8mm)
Top cover	Aluminium (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 aluminium (Bearing construction)
Input Selector	Solid aluminium (Bearing construction)
Foot	Solid Aluminium Copper plated (H: 18.5mm)
Heatsink for Power Amplifier	Extruded aluminium
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/41kohm (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	F.C.B.S. (Floating Control Bus System)
	Remote Controller	10 series Universal Remote control
	Unit control (Button)	POWER
	Unit control (Knob)	VOLUME, INPUT SELECTOR
	LED	POWER: 1 White Protection: 1 Orange Illumination (Edge): White Interior: White
	Front Panel Display	New HD TFT Colour 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	Certificate of Authenticity card
	EAN MODEL10/N1B Black	747192142926
	EAN MODEL10/N1C Champagne	747192142971

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

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