

	Marantz
	NEW 2023
FEATURES	CD 50n
Network audio streaming	Yes
Spotify Connect* / Tidal* / Deezer* / others *	Yes / Yes / Yes / Yes
Amazon Prime Music* / Pandora*	Yes / Yes
AirPlay 2	Yes
Roon Tested	Yes
Internet Radio	TuneIn
HEOS Multiroom and Streaming	Yes
Voice Control - Works with Amazon Alexa	Yes
Voice Control - Microphone built-in	-
CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP3 / AAC	Yes / Yes / - / Yes / Yes / -
CD-Text / SA-CD Text / ID3 Tag / WMA Meta Tag / AAC Meta data	- / - / Yes / Yes / -
Data Disc Compatibility: DSD / WAV / ALAC	- / - / -
USB input for memory stick	Yes
DAC Master Clock Design	Yes
DAC operation mode: USB-B / Coax / Optical	Yes / Yes / Yes
Asynchronous mode rear USB-B	Yes
Bit-perfect transmission	Yes
USB-B DSD Audio Streaming (DoP): DSD2.8 / DSD5.6 / DSD11.2	Yes / Yes / Yes
Signal isolator for DAC Mode operation	Yes
HDAM version	HDAM + HDAM SA2
Power Transformer: Toroidal / EI	Yes / -
High Grade Audio Components	Yes
Customised Components	Yes
Symmetric circuit layout	Yes
Extra metal plate for chassis strengthening	Yes (double layer, 1mm x 2)
Digital out off / Audio EX Mode	Yes / -
Headphone: Standard / Buffer / Current feedback	- / - / Yes (HDAM SA2)
NETWORK	
Wi-Fi / Wired LAN	2.4 GHz, 5 GHz / Yes
Wi-Fi on / off mode	Yes
Bluetooth on / off mode	Yes
DSD Audio Streaming	up to DSD11.2 up to PCM384 kHz (Update)
Lossy formats: MP3 / WMA / AAC	Yes / Yes / Yes
Lossless formats: DSD / FLAC HD 192/24 / ALAC 96/24 / WAV 192/24	Yes / Yes / Yes / Yes
Gapless Playback	Yes (FLAC, WAV, DSD)
Remote APP: iDevice / Android	Yes / Yes
App control AMP/CD via Network Player	Yes
OTHER	
Selectable filter: CD / SA-CD / DAC-Mode	Yes / - / Yes (PCM Only)
Separated rectifier circuit for analogue and digital circuitry	Yes
Display: Dimmer / Off	Yes / Yes
Display	3 line OLED
PLAYBACK	
Program Play (CD / SA-CD)	25 / -
Repeat	Yes
Random Play	Yes
INPUTS/OUTPUTS	
Analogue Out (RCA)	1

Variable Out (RCA)	1
Balanced Out	-
HDMI: ARC input for TV	Yes
Digital Optical In / Out	1 / 1
Digital Coaxial In / Out	1 / 1
Max Sample Rate: S/PDIF Input	192 kHz / 24-bit
Gold plated Cinch	Yes
USB Audio	rear
USB type B input for PC (rear)	Yes
Sample Rate USB type B In	up to DSD11.2 and PCM 384 kHz
D-Bus	Yes
Remote Control Bus in / out	-
Headphone Out	Yes
Headphone Volume Control	Yes
Bluetooth / Bluetooth HP transmission	Yes / Yes (Update)
Ethernet port	Yes
IP control	Yes
Flasher input	Yes
RS232	Yes
SPECIFICATIONS	
Low Pass Filter stage	HDAM
Output Buffer	HDAM SA2
Headphone amp	HDAM SA2
CDDA AUDIO	
Frequency Response	2 Hz–20 kHz
Dynamic Range	100 dB
Signal to Noise Ratio	112 dB
Total Harmonic Distortion	0.000016
Channel Separation	105 dB
GENERAL	
Available colors: Black / Silver-Gold	Yes / Yes
Metal Front Panel	Yes
Remote Control	RC003PMND
Power Consumption in W	35
Standby Consumption in W	0.3
Auto power off	Yes
Detachable Power Cable	Yes
Maximum Dimensions (W x D x H) in mm	442 x 424 x 130
Weight in kg	10.3
Carton Maximum Dimensions (W x D x H) in mm	527 x 517 x 255
Carton Weight (inc. product) in kg	13.5