

marantz®

Pure Stereo



A perfect delivery

Premium Series Amplifiers have been designed to drive even the most demanding speakers. For such a challenging task, we used customised components and a high grade power supply. In order to minimise signal degradation we developed the shortest possible signal path. And to ensure perfectly imaged sound patterns we used symmetrical left and right-hand signal paths. You might ask why we went to such lengths in designing our Premium Amplifiers. The answer is simple. We demand purity – because that's what you expect



PM-15S1

INTEGRATED STEREO AMPLIFIER

- Two Stage Construction for Power AMP
- HDAM SA2
- Low Noise LCD Display
- Twin Electric VR Circuit
- Toroidal Transformer
- 70 W x 2 (8 Ohms) and 125 W x 2 (4 Ohms)
- Floating Control Bus Systems
- Double Layered Chassis
- Premium Series Aluminium Remote Control



PM-11S1

INTEGRATED STEREO AMPLIFIER

- Balanced input
- Derived from SC-7S1 and MA-9S1 concept
- Full discrete Current Feedback amplification delivering 2 x 100 W (8 Ohms RMS)
- High quality linear volume control
- Massive Super Ring transformer and customised components
- Choke input power supply
- Three-stage construction
- Short symmetric discrete circuit architecture
- Copper plated chassis, rear panel and system block shielding
- Marantz Current Feedback HDAMs
- Floating control bus for audiophile multichannel upgrade capability
- MM / MC phono stage with HDAMs in the MC headamps and MM with the HDAM SA

Before sound is processed with purity, it has to be delivered perfectly. That's where the Premium stereo sources come in with two new Super Audio CD Players. Each of these source products has been designed to deliver the purest possible signal to your Marantz amplifier. Which means that you can now enjoy your favourite music at a new level of perfection



SA-15S1

SACD PLAYER

- Stereo SACD and CD playback
- High-quality Audio D/A Converter (CS4397)
- HDAM for Analog Filter, Circuit
- Low Noise LCD Display
- High Grade Headphone AMP
- Shielded Transformer
- High Precision Clock Construction for Audio DAC
- Low Zitter Digital Audio Out
- Double Layered Chassis,
- Premium series Aluminum Remote Controller



SA-11S1

SACD PLAYER

- SA-CD (stereo) and CD DA playback
- Selection of Marantz exclusive digital filtering options
- Marantz' Current Feedback Hyper Dynamic Amplifier Modules (HDAM)
- Customised components
- Choke input power supply with a Super Ring transformer
- Short symmetric discrete circuit architecture
- Copper plated chassis, rear panel and system block shielding
- Switchable DC filter
- Switchable Noise Shaper
- Balanced and gold plated RCA output terminals
- Dedicated remote and Marantz D-Bus

STEREO AMPLIFIERS

	PM-15S1	PM-11S1
FEATURES		
Channels	2	2
Current Feedback Topology	•	•
Class A Amplification	-	-
Linear Drive Power Supply	•	•
CCNE	-	•
Linear volume control	•	•
Floating control bus system	•	•
Power Transformer: Super-ring / Toroidal / EI	-/•/-	•/-/-
Choke input	-	•
Shottky diodes	•	•
HDAM: Standard / SA / SA2 / Current Feedback	-/-/•	-/-/•/•
HDAM Cover: Gold Plated / Copper Plated / Metal / Plastic / no shield	-/-/•/-/•	-/-/•/•/-
Input buffer amp (all inputs)	all (common)	all (individual)
Construction: Twin Mono / 3-Stage Circuit	-/•	-/•
Symmetric PCB Layout	•	•
System Block Shielding: Copper / Metal / none	•/-/-	•/-/-
Chassis: Die-cast / Copper Plated / Metal	-/•/-	-/•/-
Double Layer Bottom Plate	•	•
High Grade Audio Components	•	•
Customised Components	•	•
BTL Possibility	-	-
Current Feedback Phono Equaliser	•	•
Balance / Bass / Treble / Loudness	•/•/•/-	•/•/•/-
Source Direct	•	•
Separate Solid Heat Sinks	•	•
Speaker A/B	-	•
Record Selector: Full / Copy-source	-/•	-/•
Tape Monitor	-	-
Auto Power On / Off	-	-
Low Noise LCD Display	•	•
Temperature Gauge	-	-
Standby Mode	-	-
INPUTS / OUTPUTS		
Audio Inputs	6	7
Phono Input: MM / MC	•/•	•/•
Audio Outputs	2	2
Balanced In / Out	-/-	•/-
External Control In (Composite)	-	-
Processor In / Out	-	-
Pre-out / Main-in	•/-	•/-
D-Bus In / Out	-	-
Gold Plated RCA	•	•
Speaker Terminal: Click-fit / Screw / WBT	-/-/•	-/-/•
Floating Control Bus (3.5 mm mono jack x 2)	•	•
AC Outlets	-	-
Headphone Out	•	•
SPECIFICATIONS		
Power Output (8/4 Ohm RMS)	70 / 125 W	100 / 200 W
Frequency Range	5 Hz - 50 kHz (8 Ohms, 0.05%)	5 Hz - 50 kHz (8 Ohms, 0.05%)
Frequency Response	5 Hz - 100 kHz +/-3 dB	5 Hz - 100 kHz +/-3 dB
Total Harmonic Distortion	0.05%	0.01%
Bridged Power Output (8 Ohm RMS)	-	-
Input Sensitivity: MM	3.2 mV / 47 kOhm	2.5 mV / 47 kOhm
Input Sensitivity: MC	300 µV / 100 Ohm	230 µV / 100 Ohm
Input Sensitivity: High Level	240 mV / 10 kOhm	220 mV / 10 kOhm
Signal to Noise Ratio: High Level	90 dB	112 dB
Signal to Noise Ratio: MM / MC	85 / 77 dB	88 / 74 dB
GENERAL		
Available colors: Platinum / Gold / Silver / Black	•/-/-/-	•/-/-/-
Metal Front Panel	•	•
Remote Control	RC-11PMS1	RC-11PMS1
System Remote Function	System	System
Maximum Dimensions (W x D x H)	440 x 123 x 444	440 x 162 x 464
Weight	18 kg	26 kg

SACD PLAYERS

	SA-15S1	SA-11S1
FEATURES		
Disc Capacity	1	1
CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP3	•/•/•/-/-	•/•/•/-/-
SACD Compatibility: Multi-Channel / Stereo	-/•	-/•
CD-Text / SACD Text	-/•	-/•
High Grade Audio Components	•	•
Customised Components	•	•
Symmetric Circuit Layout	•	•
System Block Shielding: Copper / Metal / none	-/-/-	•/-/-
Power Transformer: Super-ring / Toroidal / EI	-/-/• (w / case)	•/-/-
Copper Grounding	•	•
HDAM: Standard / SA / Current Feedback	•/-/•	•/-/•
HDAM cover: Gold Plated / Copper Plated / Metal / no shield	-/•/-/-	-/•/-/-
CCNE	-	-
Shottky Diodes	•	•
Relay Muting	•	•
Selectable Filter: CD / SACD	-/-	•/•
Noise Shaper (On / Off)	-	•
DC Filter (On / Off)	-	•
Zero Impedance Matching Joint (Copper)	•	•
Separated rectifier circuit for analogue and digital circuitry	•	•
Digital Out Circuit Off	•	•
Phantom Centre Mode	-	-
Display: Dimmer / Off	-/•	-/•
Output Filter Switch	-	•
Variable Analogue Output	-	-
Discrete Coding	-	-
Current Feedback Headphone Circuitry	-	-
Low Noise LCD Display	•	•
Chassis: Die-cast / Copper plated / Metal	-/-/•	-/•/-
Double Layer Bottom Plate	•	•
Bi-directional Control Via RS-232C	-	-
PLAYBACK		
Program Play	30	30
Auto Music Scan (AMS)	•	•
Repeat: Track / Program / A-B	•/•/•	•/•/•
Random Play	•	•
Index Search	-	-
Peak Search	-	-
Edit Recording	-	-
Sync Recording	-	-
Pitch Control	-	-
Start Sound Mode for SACD	•	•
Quick Replay	•	•
INPUTS / OUTPUTS		
Analogue Out (RCA)	2ch	2ch
Balanced Out	-	•
Digital Optical Out	•	•
Digital Coaxial Out	•	•
Gold plated Cinch	•	•
D-Bus In / Out	•	•
RS-232C	-	-
Headphone Out	•	•
Headphone Volume Control	•	-
SPECIFICATIONS		
Mechanism	FGSA11	FGSA11
Decoder	CXD1885Q	CXD1885Q
D/A Conversion	multi-level DAC	multi-level DAC
DAC IC	Cystal CS4397	SM5866AS
Digital Filter	Cystal CS4397	DSP (Marantz)
Noise Shaper	Cystal CS4397	DSP (Marantz)
Low Pass Filter stage	HDAM	HDAM
Output Buffer	HDAM+Current	HDAM+Current
SA-CD AUDIO		
Frequency Response (Cust.)	2 Hz - 50 kHz (+0, -3 dB)	2 Hz - 50 kHz (+0, -3 dB)
Dynamic Range	111 dB	114 dB
Signal to Noise Ratio	111 dB	114 dB
Total Harmonic Distortion	0.0020	0.0008
Channel Separation	100 dB	100 dB
CD AUDIO		
Frequency Response	2 Hz - 20 kHz	2 Hz - 20 kHz
Dynamic Range	100 dB	100dB
Signal to Noise Ratio	104 dB	104dB
Total Harmonic Distortion	0.0020	0.0015
Channel Separation	100 dB	100 dB
GENERAL		
Available colors: Platinum / Gold / Silver / Black	•/-/-/-	•/-/-/-
Metal Front Panel	•	•
Remote Control	RC-11SAS1	RC-11SAS1
Maximum Dimensions (W x D x H)	440 x 123 x 418	440 x 123 x 418
Weight	13.5 kg	14 kg

Marantz reserves the right to change the design and specification of goods without notice.



For additional information or demonstration centres, please contact the Australian Marantz distributor, QualiFi Pty Ltd
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