



PM6002

INTEGRATED STEREO AMPLIFIER



- Latest integrated amplifier from the Marantz audio product development department
- 2x 45 Watts rms power amplification
- Low impedance Toroidal transformer for instantaneously current delivery capability
- Power supply with 2x 10000 μ F customized main capacitors and Shottky diodes
- Customized audio components for best balanced audio
- Music reproduction close to original recording
- Fully symmetrical circuit architecture
- Source Direct function for best sound quality to bypass tone control
- Two pair of heavy gold plated speaker terminals - output A/B
- Six audio inputs including phono (MM) and full recording out selector
- Headphone output
- Solid metal front panel and rigid chassis construction
- Dedicated remote and Marantz D-Bus



CD6002

CD-PLAYER



- Latest CD-Player from the Marantz audio product development department
- Compatible with CD DA and CD-R/RW discs
- Playback of MP3 and WMA files
- CD-Text on front panel display
- High quality DA conversion with CS4398
- Audio circuit with Marantz HDAMs derived from SA-15S1
- Customized audio components for best balanced audio
- Oversized transformer for stable power supply
- Display off function to minimized high frequency noise interference
- Gold plated stereo audio out and coaxial digital out cinch sockets
- Headphone circuit with high speed audio buffer amplifier
- Solid metal front panel and rigid chassis construction with heavy metal plate
- Dedicated remote and Marantz D-Bus

TECHNICAL INFORMATION

Visit our website for more in-depth specifications

Stereo Amplifiers

	PM7001 KI	PM7001	PM6002	PM4001
FEATURES				
Channels	2	2	2	2
Current Feedback Topology	•	•	-	-
Linear Drive Power Supply	•	•	-	•
CCNE	•	•	-	-
Linear volume control	-	-	-	-
Floating control bus system	-	-	-	-
BTL Possibility	-	-	-	-
BI-AMP and Multichannel option	-	-	-	-
Power Transformer: Superring / Toroidal / EI	-/•/-	-/•	-/•/-	-/•
Choke input	-	-	-	-
Shottky diodes	•	•	•	-
HDAM: Standard / SA / SA2 / Current Feedback	-/-/•	-/-/•	-/-/-	-/-/-
High Grade Audio Components	•	•	•	•
Customised Components	•	•	•	-
Current Feedback phono equalizer	-	-	-	-
Input buffer amp (all inputs / CD only)	-/•	-/•	-/-	-/-
Construction: Twin mono / 3-Stage circuit	-/-	-/-	-/-	-/-
Symmetric PCB Layout	•	•	-	-
Aluminum extrusion heat sink	•	•	•	-
System block shielding: Copper / metal / none	-/-/•	-/-/•	-/-/•	-/-/•
Chassis : Die-cast / Copper plated / Metal	-/•/-	-/•	-/•	-/•
Double Layer Bottom Plate	•	-	-	-
Low noise LCD display	-	-	-	-
Temperature Gauge	-	-	-	-
Balance / Bass / Treble / Loudness	•/•/•/-	•/•/•/-	•/•/•/•	•/•/•/•
Source Direct	•	•	•	•
Speaker A/B	•	•	•	•
Record Selector: full / copy-source	•/-	•/-	•/-	•/-
Standby Mode	•	•	•	•
INPUTS / OUTPUTS				
Audio Inputs	6	6	6	6
Phono Input: MM/MC	•/-	•/-	•/-	•/-
Audio Outputs	2	2	2	2
Balanced In / Out	-/-	-/-	-/-	-/-
Processor In / Out	-	-	-	-
Pre-out / Main-in	•/•	•/•	-/-	-/-
D-Bus In / Out	•	•	•	•
Gold Plated Cinch	•	CD	•	-
Speaker Terminal: Click-fit / Screw / WBT	-/•/-	-/•/-	-/•/-	-/•/-
Floating control bus (3.5 mm mono jack x 2)	-	-	-	-
Headphone Out	•	•	•	•
iPod input (direct / docking station)	-/•	-/•	-/•	-/•
SPECIFICATIONS				
Power Output (8/4 ohm rms)	70/100 W	70/100 W	45/60 W	40/55 W
Power Output (8/4 ohm DIN)	85/130 W	85/130 W	50/65 W	45/60 W
Power Output (8/4 ohm IHF)	95/160 W	95/160 W	60/85 W	55/80 W
Frequency Response	10 Hz - 80 kHz (+0,-1 dB)	10 Hz - 80 kHz (+0,-1 dB)	10 Hz - 50 kHz (+0,-1 dB)	10Hz-50kHz (+0,-1 dB)
Total Harmonic Distortion	0.01%	0.01%	0.01%	0.01%
Bridged Power Output (8 ohm rms)	-	-	-	-
Damping Factor	100	100	100	100
Input Sensitivity: MM	2.5 mV / 47 kohm	2.5 mV / 47 kohm	2.5 mV / 47 kohm	2.5 mV / 47 kohm
Input Sensitivity: MC	-	-	-	-
Signal to Noise Ratio: MM/MC	85/- dB	85/- dB	80/- dB	80/- dB
Input Sensitivity: High level	200 mV / 20 kohm	200 mV / 20 kohm	170 mV / 20 kohm	170 mV / 20 kohm
Signal to Noise Ratio: High level / Main In	88 / 107 dB	88 / 107 dB	87 dB / -	80 dB / -
GENERAL				
Available colours: Platinum / Gold / Silver / Black	-/-/•/•	-/-/•/•	-/-/•/•	-/-/•/•
Metal Front Panel	•	•	•	•
Power Consumption (EN60065)	250 W	250 W	130 W	120 W
Detachable Power Cable	•	•	•	-
Remote Control	RC002PM	RC002PM	RC002PM	RC002PM
System Remote Function	System	System	System	System
Maximum Dimensions (W x D x H)	440 x 364 x 123 mm	440 x 364 x 123 mm	440 x 343 x 116 mm	440 x 343 x 116 mm
Weight	11.0 kg	10.5 kg	7.1 kg	6.6 kg



RC002PM

SA-CD Players/
CD-Players

	SA7001 KI	SA7001	CD6002	CD5001
FEATURES				
Disc Capacity	1	1	1	1
CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP3	•/•/•/-/-	•/•/•/-/-	•/•/-/•/•	•/•/-/-/-
SA-CD compatibility: Multi channel / stereo	-/•	-/•	-/-	-/-
CD-Text / SA-CD Text / MP3 ID3 Tag / WMA Meta Tag	-/•/-/-	-/•/-/-	•/-/•/•	•/-/-/-
High Grade Audio Components	•	•	•	•
Customised Components	•	•	•	-
Symmetric circuit layout	•	-	•	-
Power Transformer: Super-ring / Toroidal / EI	-/•/-	-/-/•	-/-/•	-/-/•
HDAM: Standard / SA / Current Feedback	•/-/•	•/-/•	•/-/•	-/-/-
HDAM cover: Gold plated / Copper plated / Metal / no shield	-/-/-/•	-/-/-/•	-/-/-/•	-/-/-/-
Shottky diodes	•	-	•	-
Zero Impedance Matching joint (copper)	•	-	-	-
Separated rectifier circuit for analogue and digital circuitry	•	•	•	-
Digital out circuit off / Audio EX Mode	-/-	-/-	-/•	-/-
Display: Dimmer / Off	•/•	•/•	-/•	-/•
Buffer amplifier for headphone output	•	•	•	•
Chassis : Die-cast / Copper plated / Metal	-/•/-	-/-/•	-/-/•	-/-/•
Extra metal plate for chassis strengthening	•	•	•	-
RS-232C (control / update)	-/-	-/-	-/-	-/-
PLAYBACK				
Program Play	30	30	30	30
Auto Music Scan (AMS)	•	•	•	•
Repeat: track / program / A-B	•/•/•	•/•/•	•/•/•	•/•/•
Random Play	•	•	•	•
Peak Search	-	-	•	•
Edit Recording	-	-	•	•
Sync Recording	-	-	-	•
Pitch Control	-	-	•	•
Start Sound Mode for SA-CD	•	•	-	-
Quick Replay	• (10/20/30 sec.)	• (10/20/30 sec.)	• (5-60 sec.)	• (10 sec.)
INPUTS / OUTPUTS				
Analogue Out (Cinch L + R)	1	1	1	1
Digital Optical Out	1	1	1	1
Digital Coaxial Out	1	1	1	1
Gold plated Cinch	•	•	•	•
D-Bus In / Out	•	•	•	•
RS-232C	-	-	-	-
Headphone Out	•	•	•	•
Headphone Volume Control	•	•	•	•
SPECIFICATIONS				
Mechanism	FG-SA7001	FG-SA7001	KSS-213CCM	KSS-213CCM
Decoder	CXD1885Q	CXD1885Q	TC94A70FG	TC9462F
D/A Conversion	DSD	DSD	Multi-bit, Delta-Sigma	Multi-bit, Delta-Sigma
DAC IC	CS4397	CS4397	CS4398	CS4392
Digital Filter	CS4397	CS4397	CS4398	CS4392
Noise Shaper	CS4397	CS4397	CS4398	CS4392
Low Pass Filter stage	HDAM	HDAM	HDAM	NJM2068
Output Buffer	HDAM	HDAM	HDAM	-
Headphone amp	NJM2114	NJM4560	NJM2068	NJM4556
SA-CD AUDIO				
Frequency Response (Cust.)	2 Hz - 50 kHz (+0, -3 dB)	2 Hz - 50 kHz (+0, -3 dB)	-	-
Dynamic Range (SA)	112 dB	112 dB	-	-
Signal to Noise Ratio (SA)	112 dB	112 dB	-	-
Total Harmonic Distortion (SA)	0.0015	0.0015	-	-
Channel Separation (SA)	108 dB	108 dB	-	-
CDDA AUDIO				
Frequency Response	2 Hz - 20 kHz	2 Hz - 20 kHz	20 Hz - 20 KHz	20 Hz - 20 KHz
Dynamic Range	> 100 dB	> 100 dB	100 dB	100 dB
Signal to Noise Ratio	111 dB	111 dB	111 dB	110 dB
Total Harmonic Distortion	0.002	0.002	0.002	0.0025
Channel Separation	110 dB	110 dB	100 dB	100 dB
GENERAL				
Available colours: Platinum / Gold / Silver / Black	-/-/•/•	-/-/•/•	-/-/•/•	-/-/•/•
Metal Front Panel	•	•	•	•
Remote Control	RC001CD	RC001CD	RC001CD	RC001CD
Power Consumption	19 W	19 W	19 W	14 W
Detachable Power Cable	•	•	•	-
Maximum Dimensions (W x D x H)	440 x 335 x 128 mm	440 x 335 x 128 mm	440 x 283 x 87 mm	440 x 283 x 87 mm
Weight	8.0 kg	6.3 kg	4.7 kg	4.0 kg



RC001CD