

# PM-11S3

Integrated amplifier



marantz®



## Reference Series - Integrated Amplifier

The PM-11S3 Reference Series integrated amplifier features HDAM® SA3 based input and driver stages directly traceable to the cost-no-object SC-7S2 Reference Series preamplifier and MA-9S2 monoblock power amplifier. A high current, regulated power supply with toroidal transformer anchors the design. A newly designed power amplifier stage features Constant Current Feedback for low distortion performance without loss of harmonic balance and is a fully discrete topology. Further performance refinement is found in the all-new digitally controlled analog volume control that boasts high linearity and superior channel to channel tracking accuracy. A Power Amp Direct input makes for easy integration into a fine home theater system for additional flexibility. A superb sounding MC/MM phono stage is standard equipment. Stunning black anodized casework is new for this model. A polished copper interior as at once beautiful and functional, providing an extra degree of electrical and mechanical isolation for the sensitive electronics within. Balanced and single ended inputs and outputs are fully supported. This stunningly functional component combines advanced circuitry and hand-selected parts to virtually define sonic truth.

### Marantz Audio Advantage

- New Current Feedback technology provides wide range; very fast and accurate signal handling.
- Marantz proprietary HDAM SA3 modules and circuits
- Full discrete power amplifier with V/I Servo (100w 8ohm 20-20kHz, 200W 4ohm 20-20kHz)
- Constant Current Feedback (C.C.FB) MM/MC phono equalizer
- Newly designed Marantz original high quality / high-purity copper speaker terminals (SPKT-100)

### High quality sound

- Rigid mechanical construction for anti-vibration
- Rigid premium chassis with 5mm thick Aluminum top cover for anti-vibration
- Copper plated chassis
- OFC toroidal transformer
- Low noise LCD display

### Useful functions

- Newly-designed system remote unit, controls both PM-11S3 amplifier and SA-11S3 CD player
- Linear Control Volume with new volume control IC

- Floating Control Bus System (F.C.B.S) for bi-amp, multichannel configuration
- Power amp direct input
- XLR balanced input
- App operation via RC-5 with network player
- ECO friendly: Auto standby, low power consumption in standby mode (less than 0.2W)

because music matters

## Specifications

### Port

#### XLR (Balanced) input

Balanced 1

#### RCA (Unbalanced) input

Phono (MM/MC) 1

CD 1

Line 1 1

Line 2 1

P. Direct 1

Recorder 1 1

Recorder 2 1

#### RCA (Unbalanced) output

Recorder 1 1

Recorder 2 1

Pre 1

### Control

Remote control (IN/OUT) 1/1

F.C.B.S. (IN/OUT) 1/1

### Other

Headphones 1

### Audio section

#### Power output:

(20 Hz - 20 kHz both channels driven)

100W x 2 (8 ohms load)

200W x 2 (4 ohms load)

#### Total harmonic distortion :

(20 Hz - 20 kHz both channels driven, 8 ohm load)

0.01%

Output band width (8 ohm load, 0.05%) : 5Hz ~ 45kHz

Frequency response (CD, 1W, 8 ohm load):

5Hz ~ 120kHz±3dB

Damping factor (8 ohm load, 20Hz - 20kHz): 100

#### Input sensitivity/Input impedance

PHONO (MC) : 260µV/100 ohms

PHONO (MM) : 2.7mV/47k ohms

BALANCED : 480mV/40k ohms

CD/LINE : 240mV/20k ohms

P. DIRECT IN: 1.7 V/20k ohms

Output voltage/Output impedance

PRE OUT : 1.9 V/220

RIAA deviation (20Hz ~ 20kHz) : ±0.5dB

S/N (IHF-A, 8 ohm load)

PHONO (MC) : 76dB (0.5mV input, 1 W output)

PHONO (MM) : 88dB (5mV input, 1 W output)

BALANCED : 109dB (4V input, Rated output)

CD/LINE : 108dB (2V input, Rated output)

#### Tone control

Bass (50Hz) : ±8dB

Treble (20kHz) : ±8dB

### General

Power supply: AC 120 V, 60 Hz

Power consumption:

300 W

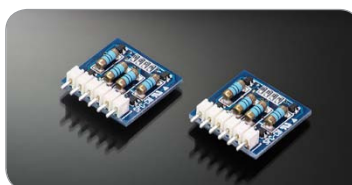
0.2 W (Standby)

Dimensions (W x H x D):

17 3/8" x 6 5/8" x 17 7/8"

440 x 168 x 453 mm

Weight: 58.6 lbs, 26.6 kg



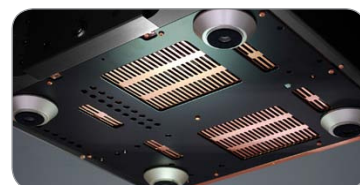
HDAM SA3



Power amp block



Pre-amp power circuit



Rigid Premium Chassis



Marantz Original High quality / High-purity Copper Speaker terminals



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