

ROKSAN

P E R F O R M A N C E

M2
SERIES

Caspian



P E R F O R M A N C E

M2
SERIES

A new era of performance
Exceptional control
Unsurpassed harmonic detail
Genuine lifelike dynamics
Pure classic design

TECHNOLOGY

The **M 2** Integrated amplifier's independent power supplies combined with fully symmetrical complimentary circuit design ensure the amplifier uncovers even the most delicate detail and presents it majestically.



STYLE

ELEGANT

CLASSIC

DETAILED

SOLID

DELICATE

SLIM

FOCUSSED

ERGONOMIC

MODERN

DYNAMIC

AIRY

COMMANDING

POWERFUL

3-DIMENSIONAL

M2
SERIES

Harmonic coherency
Emotional engagement
Structure and detail
Unsurpassed timing
Pure musical experience

DESIGN

The **M 2** CD player's de-coupled laser mechanism, super precision master clock combined with its 12 independant and fully regulated digital & analogue circuits create a seamless harmonic musical experience that is second to none.



HARMONY

Inputs 5 Line & Tape RCA Gold plated
CD Input *switchable to XLR Balanced Gold plated*

Input Impedance 47 k Ω

Input Sensitivity (85W) Line 240mV

Outputs Gold plated RCA Tape & 2 Preamp

Output Voltage 240mV (Tape Out)
700mV (Pre Out)

Power Outputs Loudspeaker, L & R

Output Power 85 Watts, into 8 Ω
both channels driven
125 Watts, into 4 Ω
both channels driven

Power Supply 350VA Ultra Low Noise Toroidal Transformer
60VA Ultra Low Noise Transformer Preamp Section Toroidal
5 Regulated Supply Rails

Current Output 60 Amps Peak to Peak

Damping Factor >160 (8 Ω)

Frequency response -3dB, <1Hz – 90kHz

Gain 40dB Overall (Pre & Power)
9.3dB Preamp
30.7dB Power Amplifier

Harmonic Distortion 0.002% 1kHz, 0.015% 20kHz 10W - 8 Ω
0.0025% 1kHz, 0.03% 20kHz 50W - 8 Ω

Signal to Noise Ratio Line 108dBa (ref. 500mV)
85dBa (ref. 1W, 8 Ω)

Power Source 100V – 120V 50Hz / 60Hz
220V – 240V 50Hz / 60Hz
(via High Quality Mains inlet filter)

Power Consumption < 230 W

Dimension 432 x 330 x 70 (W x D x H) mm
432 x 330 x 80 (including feet)

Weight 13 Kg Gross; 10 Kg Net



S P E C I F I C A T I O N S

The image shows a Roksan MS105S2 Integrated Amplifier. It is a black, rectangular device with a silver-colored top panel. The front panel features a large, circular volume knob with a red indicator dot, a smaller circular tape button, and the 'ROKSAN' logo. The top panel has the model name 'MS105S2 Integrated Amplifier' printed on it. The device is shown from a three-quarter perspective, highlighting its sleek design and ventilation grilles on the top and sides.

FEATURES

- *Full functional Roksan LCD system remote control (RMX-108)*
- *Output protection with high current relays*
- *Independent Preamplifier stage Power Supply*
- *Thermally controlled fan assisted heat-sink cooling*
- *-20dB mute function*
- *350VA ultra low noise, Power section Toroidal transformer*
- *60VA ultra low noise, Pre section Toroidal transformer*

Operating System CD digital audio system (CD, CD-R, CD-RW)

Frequency Response 20Hz – 20kHz \pm 0.2dB

Harmonic Distortion < 0.0015% @ 0dB, 1kHz (Typically 0.0005%)
< 0.005% @ -30dB, 1kHz
< 0.01% @ 0dB, 20kHz

Intermod. Distortion < 0.001% @ 0dB (Typically 0.0005%)

S/N Ratio (IHF-A Wtd.) 105 dB

Wow & Flutter Quartz precision

Channel Separation >100 dB @ 1kHz
>100 dB @ 20kHz

Output Voltage 1.95Vrms

Analogue Outputs L&R, RCA Gold plated
L&R Balanced XLR Gold plated

Digital Outputs 75 Ohm Coaxial, RCA Gold plated
110 Ohm Balanced AES/EBU, XLR Gold plated
Optical, Toslink

Mechanical Isolation Main chassis de-coupling feet, custom made
Laser mechanism 2 stage de-coupling

Power Supply x2 Ultra low noise toroidal transformers
12 fully regulated power rails

D/A Conversion PCM1798 Advace Segment, Stereo DAC

Resolution/Sampling 24 bits / 192 kHz

Oscillation 3rd Overtone Oscillation

Crystal Super precision, custom made

Jitter <130 psec (Typically <70 psec)

Idle Pattern <-105 dB

Stop band Rejection <-95 dB

Power Source 100V – 120V 50Hz / 60Hz
220V – 240V 50Hz / 60Hz
(via High Quality Mains inlet filter)

Power Consumption < 20 W

Dimension 432 x 330 x 70 (W x D x H) mm
432 x 330 x 80 (including feet)

Weight 10 Kg Gross; 7 Kg Net



S P E C I F I C A T I O N S



FEATURES

- *Independent Analogue Output stage Power Supply*
- *Full functional Roksan LCD system remote control (RMX-108)*
- *Programme facility*
- *Repeat function (One/All & A-B)*
- *Display time; elapsed, remaining on track and remaining on disc*
- *Random play*
- *10 second intro play*



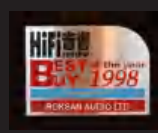
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M2
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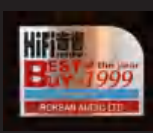
A W A R D S



**HI-FI News
1997**
Caspian
Integrated Amplifier



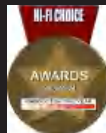
**HI-FI review
1998**
Caspian
Power Amplifier



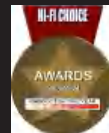
**HI-FI review
1999**
Caspian 5-Channel
Power Amplifier



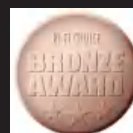
**HI-FI review
2000**
Caspian Surround
Sound Processor



**HI-FI CHOICE
2003/2004**
Caspian Mseries-1
Integrated Amplifier



**HI-FI CHOICE
2003/2004**
Caspian Mseries-1
CD Player



**HI-FI CHOICE
2004**
Caspian Mseries-1
Integrated Amplifier



**HI-FI News
2004**
Caspian Mseries-1
Integrated Amplifier



**diapason D'OR
2005**
Caspian Mseries-1
Power Amplifier



**diapason D'OR
2005**
Caspian Mseries-1
Preamplifier



**AUDIO ART
2006**
Caspian Mseries-1
Preamplifier



**HI-FI News
2007**
Caspian Mseries-1
Pre & Mono Amplifiers



**WHAT HI-FI
2008**
Caspian Mseries-1
Integrated Amplifier



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