



RSP 1069

7.1 Surround Preamp / Processor



Description

The RSP-1069 is Rotel's most advanced home theater and multizone audio controller yet. Utilizing our Balanced Design Concept, the RSP-1069 is built on a high performance platform, including the Texas Instruments Aureus™ DSP processor and Burr Brown 24 bit/192kHz DACs, along with careful attention to power supply, parts selection and circuit path refinement. The result is class leading audio performance.

But there is even more to the RSP-1069. Four HDMI inputs handle complex system requirements. High quality Faroudja DCDi® video processing scales any video source up to 1080p resolution as required. In addition, the RSP-1069 adds three additional zones of audio and composite video with fixed or variable outputs and discrete IR and RS-232 command sets. When combined with a Rotel multi-zone amplifier and Rotel RKP keypads, the RSP-1069 provides a flexible whole house audio solution with unrivaled sound quality. Whatever your pleasure—consummate stereo performance, home theater action or whole house music—you need look no further than the RSP-1069.

Specifications

Audio

Total Harmonic Distortion:	<0.008%
Intermodulation Distortion (60 Hz: 7 kHz):	<0.008%
Frequency Response:	Analog Bypass: 10Hz - 120kHz, ± 3dB Digital Input: 10Hz - 95kHz, ± 3dB
Signal to Noise Ratio (IHF A-weighted):	Analog Bypass: 95dB Digital Input 0 dBFS (Dolby Digital, dts): 92dB
Input Sensitivity/Impedance:	Line Level: 200 mV/100kOhms
Contour (LF /HF):	± 6dB at 50Hz / 15kHz
Preamp Output Level/Impedance:	1.0V / 1kOhms
Decodable Digital Input Signal:	Dolby Digital, Dolby EX, Dolby Prologic IIx, DTS, DTS ES, DTS ES Discrete, DTS Neo 6, HDCD

Video

Frequency Response:	3Hz - 10MHz, ± 3dB (Composite, S-Video), 3Hz - 100MHz, ± 3dB (Component Video)
Signal to Noise Ratio:	45dB
Impedance: Input / Output	75 Ohms / 75 Ohms
Output Level:	1.0 Volt
HDMI Input/Output:	Version 1.1
Video Format Resolution:	480p/576p, 720p, 1080i, [1080p HDMI only]

General

Power Consumption:	80 watts, Standby 4.7 watts
Power Requirements (AC):	120 volts, 60Hz (USA version), 230 volts, 50Hz (CE version)
Dimensions (W x H x D):	432 x 122 x 341 mm / 17 x 4 ³ / ₄ x 13 ³ / ₈ "
Weight (net):	9.0 kg / 20 lb
Front Panel Height (for rack mount):	109 mm / 4 ¹ / ₄ "

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