

RSP-1069



Description

Specification

Category: SURROUND SOUND PROCESSORS, KEYPAD SYSTEM
Model: RSP-1069
Title: 7.1 Surround Preamp / Processor

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.

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Model	RSX-1067
Audio	-
Continuous Amplifier Power (Number of channels driven)	100 watts/ch (20-20k Hz, <0.05% THD, 8 ohms) (Seven Channel Driven)
Continuous Amplifier Power (two channels driven)	120 watts/ch (1kHz, <1.0% THD, 8 ohms, DIN) (Two Channel Driven)
Total Harmonic Distortion	<0.05 %
Intermodulation Distortion (60 Hz:7 kHz)	<0.05%
Frequency Response	-
Analog Bypass	10 Hz - 120 KHz, ± 3 dB
Digital Input	10 Hz - 95 KHz, ± 3 dB
Signal to Noise Ratio (IHF A-weighted)	-
Analog Bypass	95 dB
Digital Input 0 dBFs (Dolby Digital, dts)	92 dB
Input Sensitivity/Impedance	Line Level: 200 mV/100K ohms
Contour (LF / HF)	± 6 dB at 50 Hz / 15 KHz
Preamp Output Level/Impedance	1.0 V / 1K ohm
Decodable Digital Input Signal	Dolby Digital, Dolby Digital EX, DTS, DTS ES, DTS96/24, LPCM(up to 192K), HDCD, MP3, MPEG Multichannel
Video	-
Frequency Response	3 Hz - 10 MHz, ± 3 dB (Composite, S-Video) 3 Hz - 100 MHz, ± 3 dB (Component Video)
Signal to Noise Ratio	45 dB
Input Impedance	75 ohms
Output Impedance	75 ohms
Output Level	1.0 Volt
FM Tuner	-
Usable Sensitivity	14.2 dBf
Signal to Noise Ratio (at 65 dBf)	70 dBf
Harmonic Distortion (at 65 dBf)	0.03%
Stereo Separation (1 kHz)	45 dB
Output level	1 V
Antenna Input	75 ohms unbalanced
AM Tuner	-

Sensitivity	500 uV/m
Signal to Noise Ratio	40 dB
Output level	500 mV
Antenna Input	Loop Antenna
General	-
Power Consumption:	990 watts, Idling power 130 watts, Standby 19 watts
Power Requirements (AC)	115 volts, 60 Hz (USA version) 230 volts, 50 Hz (CE version)
Dimensions (W x H x D)	433 x 189 x 400 mm 17 ¹ / ₄ x 7 ¹ / ₄ 15 ³ / ₈ ?
Weight (net)	20.4 kg
Front Panel Height (for rack mount)	176 mm