



### Description

The RSP-1068 combines flexibility, superior performance, and easy operation. You can connect up to eight sources, five of them video-based, plus a CD player, external tuner, and an analog tape recorder. In addition, there are five assignable digital audio inputs, 3 coaxial and 2 optical. There's also a direct analog stereo mode that bypasses all digital processing.

The RSP-1068 includes inputs and switching/transcoding for five composite, five S-, and three component video sources. Custom ID capability lets users program the front panel display so it precisely confirms all of your A/V input selections.

Advanced microprocessors from Crystal Semiconductor handle Dolby Digital (complete with dynamic range adjustments), Dolby

Digital EX, DTS, and Dolby Pro Logic II decoding. The RSP-1068 also automatically detects and decodes DTS ES, DTS ES Discrete and Matrix, DTS 24/96, HDCD, and MP3-encoded audio. There's also DTS Neo:6 mode for cinema sound and music. Six other DSP modes (Music 1-4, 5 CH Stereo, and 7 CH Stereo) complement traditional two-channel stereo operation to make the RSP-1068 more than suitable for any source.

The RSP-1068 integrates into advanced custom-designed systems with an RS-232 port, 12-volt "trigger" outputs, discrete on/off remote control command codes, multi-source/multi-zone operation with composite video, group delay settings, and a fully programmable universal remote control.

### Specifications

#### Audio

<b>Total Harmonic Distortion</b>	<0.008%
<b>Intermodulation Distortion (60 Hz: 7 kHz)</b>	<0.008%
<b>Analog Bypass</b>	10 Hz - 120 KHz, ± 3 dB
<b>Digital Input</b>	10 Hz - 95 KHz, ± 3 dB
<b>Analog Bypass</b>	95 dB
<b>Digital Input 0 dBFs (Dolby Digital, dts)</b>	92 dB
<b>Input Sensitivity/Impedance</b>	Line Level: 200 mV/100K ohms
<b>Contour (LF /HF)</b>	± 6 dB at 50 Hz / 15 KHz
<b>Preamp Output Level/Impedance</b>	1.0 V / 1K ohm
<b>Decodable Digital Input Signal</b>	Dolby Digital, Dolby Digital EX, Dolby Prologic IIx, DTS, DTS_ES, DTS96/24, LPCM (up to 192K), HDCD, MP3, MPEG Multichannel

#### Video

<b>Frequency Response</b>	3 Hz - 10 MHz, ± 3 dB (Composite, S-Video) 3 Hz - 100 MHz, ± 3 dB (Component Video)
<b>Signal to Noise Ratio</b>	45 dB
<b>Impedance: Input / Output</b>	75 ohms / 75 ohms
<b>Output Level</b>	1.0 Volt
<b>General</b>	
<b>Power Consumption</b>	40 watts, Standby 6 watts
<b>Power Requirements (AC)</b>	115 volts, 60 Hz (USA version) 230 volts, 50 Hz (CE version)
<b>Dimensions (W x H x D)</b>	433 x 121 x 334 mm 17 1/8 x 4 3/4 x 13 1/8"
<b>Weight (net)</b>	7.6 Kg, 16.7 lbs.
<b>Front Panel Height (for rack mount)</b>	109 mm, 4.3"

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