



M O O N

Power

Emotion

Soul



CP-8 Surround Preamplifier / Processor



The MOON CP-8 is a true flagship Surround Preamplifier / Processor, aimed at the uncompromising enthusiast without price constraints. Designed with sound quality first and foremost in mind, the CP-8 provides a previously unattainable level of sonic purity and realism from an audio/video product.

*Raising the bar
for the ultimate
Pre / Pro !*

A monumental obstacle that has been overcome by our dedicated engineering staff was the successful implementation of the many complex advancements in HD video and digital audio decoding technologies. Coupled with our State-of-the-Art analog circuitry, the MOON CP-8 is foolproof, yet simple to operate.

Significant Design Features:

- 7.1 Channels with up-to-date HD audio and HD video decoding.
- HDMI 1.3a inputs and output.
- Three-zone multiple source capability.
- RS-232C and serial IR ports for full custom external control.
- Dual assignable 12 Volt trigger outputs.
- HD Video Circuitry using 12-bit/216MHz encoders/decoders with NSV Precision Video including Faroudja DCDi video processing, 1080p video pass-through, and up to 1080p analog-video-to-HDMI upscaling.
- Full-function programmable remote-control with touch-screen.
- An over-sized power supply with 2 transformers including one proprietary toroidal specifically for analog audio circuitry.
- Power supply voltage regulation includes 20 stages of i²DCf (Independent Inductive DC Filtering).
- Secondary remote control for basic operation.
- 6 assignable digital audio inputs.
- Hidden control panel allows for full operation and setup.
- Three (3) user-selectable muting levels.
- Auto Surround Mode for Digital & Analog inputs.
- Ten (10) DSP simulation playback Modes.
- Audyssey "MultEQ XT" with "Dynamic Volume" & "Dynamic EQ".
- "Auto Setup Calibration": Auto & Manual room calibration.
- Crossover points at 40, 60, 80, 100, 120, 150 & 250Hz in either 12 dB or 24dB steps.
- Built-in AM/FM Tuner and RIAA Phono Section (MM)
- SIRIUS and XM Satellite Radio ready.
- Two (2) subwoofer outputs.

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Nearly 2 years of research and development were invested into the design of the MOON CP-8 by a dedicated engineering team who are passionate about and inspired by, both film and music. The ultimate goal was to redefine the home-theater experience.

The result can be best described as a flawless nerve center for the most sophisticated and high-performance audio/video systems, regardless of the source material. Each experience will leave you utterly breathless and in eager anticipation of your next home entertainment indulgence.

Exceptional digital-to-analog and analog-to-digital converters in conjunction with a heavily regulated and oversized power supply yields unprecedented soundtrack reproduction that lesser designs can only hint at. Add an ultra rigid chassis and a very carefully laid out circuit design, the result is the finest sounding multi-channel processor available today. When used solely as a 2-channel preamplifier for either digital or analog sources, astonishing imaging and a lifelike soundstage prevail.

Combining the finest available video processing hardware



and software, located on circuit boards independent of audio processing, with a dedicated power supply, creates the most realistic picture yet; Color accuracy that can be best described as a truly organic experience. With the MOON CP-8 at the helm, there's no looking back. Rediscovering classic movies of yesteryear will be as engaging an experience as taking in the latest BluRay release.

Analog Audio Input Connections

7.1 Channel with corresponding video input.....	1 x single-ended (RCA)
2 channel with corresponding video input	6 x single-ended (RCA)
Auxiliary with corresponding video input.....	1 x balanced (XLR)
CD - audio only	1 x single-ended (RCA)
Phono - audio only	1 x single-ended (RCA)

Analog Audio Input Connections

7.1 channel with 2 subwoofer outputs	1 x balanced (XLR)
7.1 channel with 2 subwoofer outputs	1 x single-ended (RCA)
2 channel - Zone2 preamplifier output	1 x single-ended (RCA)

Digital Audio Connections

Coaxial - S/PDIF (RCA).....	3 x Input
Optical - Toslink	3 x Input / 1 x output

Video Connections

Composite	Input x 6 / Output x 4
S-Video	Input x 6 / Output x 3
Component	Input x 3 / Output x 1
HDMI v1.3a.....	Input x 4 / Output x 1

Miscellaneous

Volume Adjustment	0.5dB increments
Total Harmonic Distortion	< 0.005%
Frequency Response	20Hz - 20kHz ±0.25dB
Signal-to-Noise Ratio	102dB @ full output
Available Faceplate Finishes	Black and Silver
Power Consumption	30 watts
Shipping weight	47 lbs / 21 Kg
Dimension (W x H x D)	17.4" x 7.8" x 17.3"



Surround Modes

- Dolby True HD
- Dolby Digital Plus
 - Dolby Digital Surround EX
 - Dolby Pro Logic IIX
 - DTS-HD Master Audio
 - DTS ES Discrete 6.1 & Matrix 6.1
 - DTS 96/24 5.1
 - DTS Neo:6 Stereo-to-Surround



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