

## MOON EVOLUTION SERIES CP-8 Surround Preamp / Processor

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

### *Raising the bar for the ultimate in A/V Controllers !*

A monumental obstacle that has been overcome by our dedicated engineering staff was the successful implementation of the most recent advancements in both 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.



Also available with black faceplate

Nearly 2 years of research and development were invested into the design of the **MOON CP-8** by people who are passionate about, and inspired by, both film and music. The ultimate goal was to fully 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 yearning for 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 the competition's offerings 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 preamp 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 enveloping an experience as taking in the latest BluRay release.

## Significant Design Features:

- 7.1 Channels with up-to-date HD audio and 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 that includes 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 1 proprietary toroidal specifically for analog audio circuitry
- Power supply voltage regulation includes 20 stages of  $i^2DCf$  (Independant Inductive DC Filtering)
- 6 assignable digital audio inputs
- Secondary remote control for basic operation
- Hidden control panel allows for full operation and setup without a remote control
- 10 DSP simulation playback Modes
- Auto Surround Mode for Digital & Analog inputs
- 2 subwoofer outputs
- Three user-selectable muting levels
- "Auto Setup Calibration" (w/ microphone); Auto & Manual room calibration
- Audyssey "MultEQ XT" with "Dynamic Volume" and "Dynamic EQ"
- 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
- Short signal paths for a faster transient response
- Designed to remain powered up at all times for optimal performance.

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### Surround Modes:



- Dolby True HD
- Dolby Digital Plus
- Dolby Digital Surround EX
- Dolby Pro Logic IIX (cinema, music & game modes)



- DTS-HD Master Audio
- DTS ES Discrete 6.1 & Matrix 6.1
- DTS Neo:6 Stereo-to-Surround (cinema & music modes)
- DTS 96/24 5.1

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- 10 DSP simulation playback modes
  - Audio signal delay for synchronization with video
  - Auto Surround Mode (for ea. digital & analog input)
  - Multi-channel Stereo mode for 5, 6, and 7 channels
  - Active Center Channel for all surround modes.