



RETHINK HIGH-END

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**For Immediate Release**

**Emotiva's New RMC-1 Reference A/V Processor  
Epitomizes Brand's Approach to Audio Design**

*Top-of-the-Line Processor Features Extensive Feature Set, 4K UHD, and Object-Oriented Surround Sound*

**LAS VEGAS, NV, January 3, 2017**—Emotiva Audio Corporation, the company that continually proves high-end audio doesn't have to be high-priced, will unveil, at CES '17, its new flagship AV processor, **RMC-1** (SRP: \$4,999), a no-holds-barred model that supports full 4K UHD video, with high speed video switching, in addition to the latest Dolby Atmos and DTS-X object-oriented surround sound formats.



The RMC-1 is designed to be the best in its class, with 16 fully balanced channels, including an all-analog preamplifier section, precision 32-bit AD/DA conversion, and an advanced 4K UHD video management system. Eight HDMI inputs and dual HDMI outputs support 2.0b and HDCP 2.2,

ensuring theater-like video quality from all 4K UHD HDR10 sources and equipment. (A full list of specifications follows the release.)

“The RMC-1 is, quite simply, the ultimate expression of our design expertise,” said Dan Laufman, President and Founder, Emotiva Audio Corp. “From the outset, this project was a mission to build the best AV processor in our company’s history. Of course, we’re talking about Emotiva, so the price is drastically lower than what you would expect for such an extraordinary product.”

Sonically, the RMC-1 features a full 16 channels of Dolby Atmos and DTS:X surround sound (7.3.6 channels), with a decoded audio signal for each channel that is processed by a separate high performance AKM Verita™ 32-bit DAC, operated in precision balanced mono mode. Support is provided for native audio decoding of single- and double-rate DSD digital audio signals, accepted from either HDMI or USB sources. (Auro 3D™ is supported with an optional license.)

Analog audio signals are routed by precision circuitry that rivals the most expensive audiophile preamps. The analog signal path features premium audiophile-quality components at all critical locations to ensure the integrity of audio signal is preserved.

The RMC-1’s Reference Stereo mode helps to create a two-channel listening experience that is unparalleled at the price point. Dirac Live™ automatic room correction, running on all 16 channels at a full 192 kHz sample rate, establishes the perfect synergy between the RMC-1, the listening room, and the rest of the system.

For those who prefer a more interactive user experience, the RMC-1 includes comprehensive 11-band parametric equalization on every channel, in addition to compatibility with the popular Room EQ Wizard room correction and analysis software.

The RMC-1 can be controlled via a powerful yet simple to use menu system which can be accessed via front panel controls, the included infrared remote control, or various network remote control options. System status is displayed on the 64 x 256 front panel OLED display, and the on-screen display.

Similar to many Emotiva products, the RMC-1 will be manufactured on site at the company’s headquarters in Franklin, TN.

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## About Emotiva Audio Corporation

Emotiva Audio Corporation ([www.emotiva.com](http://www.emotiva.com)) is a designer, manufacturer and marketer of high performance audio and video products. Outstanding performance and impeccable customer service has helped build a strong, dedicated following among the most demanding music and movie lovers.

The company invests extensive resources into engineering, development, and quality, the sum of which is reflected in every amplifier, pre-amplifier, processor/controller, audio source, and loudspeaker system bearing the company's name, assuring end-users an entertainment experience on a par with systems costing significantly more. For additional information, contact Adam Sohmer; Sohmer Associates, LLC; 347-662-6535; [adam@sohmerassoc.com](mailto:adam@sohmerassoc.com).

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## RMC-1 Features and Specs

- Audio Capabilities
  - Dirac Live™ 13.3 automatic room correction system with PC/MAC GUI for complete system control and adjustment, “on-the-fly,” including the creation of your own customized response curve for precise alignment with your individual preferences.
  - Twin Analog Devices Sharc™ dual-core, 450 MHz DSP engines handle all audio decoding and post processing.
  - 16 audio channel paths with stereo bass management, .1 channel support, and post processing for the ultimate 3D cinema and stereo listening experience.
  - Fully independent crossover settings for fronts, center, surrounds, backs, & subs.
  - Independent crossover frequencies and slope rates by channel groupings.
  - Stereo subwoofer support with independent level, distance and parametric EQ.
  - .1 channel support with independent level, distance, and parametric EQ.
  - Selectable dynamic range control.
  - Selectable Fletcher-Munson loudness compensation.
  - Selectable independent or global 11 band parametric EQ.
  - Support for multichannel 1x and 2x DSD via USB and HDMI.
  - Global bass and treble controls with user selectable turnover points.
  - High performance AM/FM tuner with RDS text information, including artist, category, and title. Also features a signal strength meter.
  - Internal test tone generator with variable frequency.

- Internal wide-band and shaped pink noise generator.
- Video Capabilities
  - 18 Gbps video bandwidth with bit-perfect signal switching on all HDMI inputs and outputs. Supports formats up to 4k UHD 50/60Hz 4.4.4 with HDR.
  - Full HDCP 2.2 support on all inputs and main output.
  - ARC and CEC support on primary output.
  - Informative OSD overlays over live video and setup menus with no interruption or degradation of the native video. Variable opacity, including 4K and 3D sources.
  - Video sub-system uses 3 Panasonic MN864788's.
- AD/DAC's and Volume Controls
  - AKM AK5572 Verita™ 32 bit 768k A/D.
  - AKM AK4490 Verita™ 32 bit 768k main zone D/A's running in fully balanced mono mode.
  - Cirrus CS3318 lossless resistor ladder volume controls for main zone, 0.5dB resolution.
  - Cirrus CS3310 lossless resistor ladder volume controls for secondary zones, 0.5dB resolution.
  - ADI DG333 and DG407 wide-band analog switches for analog routing and switching.
- Second Audio Zone
  - Independent audio selection from:
    - Balanced Analog In.
    - Unbalanced Analog in 1-4.
    - 5.1 analog down-mix.
    - AM/FM tuner (shared with main zone).
    - USB Audio.
    - 2-ch PCM.
    - Zone 1 sync, including multichannel sources.
    - Analog selections can be used with main zone off.
    - Independent volume control, 0.5dB resolution

- Computer
  - 1 Ethernet port for control (RJ-45) for Firmware updates.
  - Compatible with Control4™, RTI™, URC™, Crestron™, etc.
  - Setup and control via PC/ Mac.
  - Dirac Live™ interface control via PC/Mac.
  - Firmware update via USB-A.
- Main System Micro processor
  - Texas Instruments AM-1808 Sitara™ Arm9 32 bit 375MHz processor
- Display
  - Custom designed, full graphical 256x64 OLED blue display 5.5" display width.
  - Fully dimmable.