

ANTHEM®

Demand Excellence,
Demand Anthem.

AVM 70 15.2 Channel
A/V Pre-Amplifier/
Processor



Introducing the AVM 70 audio-video pre-amplifier/processor, now with 8K.

HIGHLIGHT FEATURES

- **New & Improved Electronics Platform**, up to 15.2 channels, now with HDMI 2.1 & HDCP 2.3 (8K Ready)
- **Platform Agnostic Streaming** with AirPlay2, Google Chromecast (Audio), Bluetooth v4.2, and Spotify Connect and Roon (coming soon!)
- **Reliable Networking Platform** with web-based setup and over-the-air updates
- **Next-Generation DSP Platform** featuring the award-winning Anthem Room Correction (ARC Genesis) software.
- **Modernized Design** with high-resolution front panel

AVM 70

15.2 CHANNEL A/V PREAMPLIFIER/PROCESSOR

- Toroidal Power Supply
- 32-Bit/768 kHz DAC
- Two Independent Subwoofer Outputs
- Wi-Fi / Ethernet Enabled
- IP and Serial Control
- Dolby Atmos
- DTS:X, DTS Virtual:X
- HDMI eARC
- Apple AirPlay 2
- Google Chromecast (Audio)
- Bluetooth v4.2
- Spotify Connect

HDMI & VIDEO

- Dolby Vision
- IMAX Enhanced
- HDMI 2.1 & HDCP 2.3
- HDMI eARC
- 4:4:4 Subsampling @ 8K/60 Hz (18.2 Gbps)
- High Dynamic Range (HDR10+)
- Variable Refresh Rate (VRR)
- Auto Low Latency Mode (ALLM)
- Quick Frame Transport
- Hybrid Log Gamma (HLG)
- BT.2020 Color Gamut
- 8K/60 Hz / 4K/120 Hz Pass-Through
- Zone 2 HDMI Output

Limitless Possibilities

The AVM 70 A/V Processor is capable of supporting a premium home theater featuring as many as 15 speakers and 2 subwoofers handling the latest Dolby Atmos and DTS:X object-oriented audio codecs. Pair an AVM 70 A/V Processor with a stack of MCA Amplifiers and you'll hear sound that rivals the best commercial cinemas.

MCA's scalability means you can purchase only the channels you need to power your vision of home entertainment. AVM 70 A/V Processor can manage configurations up to 15.2 channels (up from the previous generation's 11.2) with ARC Genesis Room Correction ensures the best possible sound at every seat. And you won't need to hide your gear from view.

Anthem's modernized design extends to every component in the AVM and MCA lines. All MCA power amplifiers are proudly made in Canada.





Advanced 8K HDMI Platform

Feel the power of every frame with the AVM 70 A/V Processor and its advanced 8K HDMI 2.1 Platform with HDCP 2.3. Showcasing 7 dedicated HDMI 2.1 inputs supporting 8K/60Hz or 4K/120Hz pass-through and 3 HDMI outputs with eARC, you can enjoy 8K quality video from all of your 8K source devices in amazing clarity. The latest HDMI technology, allows you to take your home entertainment to the next level with HDR10+, ALLM, VRR, QMS and QFT support.

Experience Gaming Like Never Before

Supporting the next generation of A/V formats, the AVM 70 A/V Processor unlocks the potential of the latest generation of consoles. Experience every sight, every sound, as the AVM 70 immerses you with stunning picture up to 8K/60Hz (4K/120Hz), and the latest generation audio formats in up to 17-channels (15.2) AVM 70 A/V Processor defines state-of-the-art gaming performance. Advanced processing precisely positions every sound with breathtaking realism and clarity.

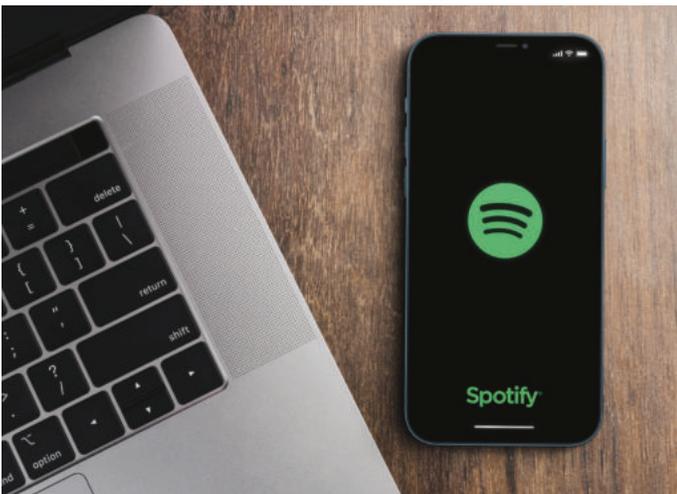
Flexible Streaming

The AVM 70 A/V Processor includes a robust set of streaming options that can pull your music in from local storage or from the internet. Thanks to Anthem's high-speed processing and premium digital-to-analog conversion using high-end DACs, sound quality can be every bit as good as dropping a CD into a dedicated disc player. In some cases, high-resolution streams can sound even better than CDs, approaching the quality of SACD, DVD-A, and Blu-ray audio.



Web User Interface

Using a phone, tablet or laptop, owners can easily access the Anthem Web User Interface to make changes on the fly to any function or setting. Power the main or second zone on and off, adjust volume, change audio modes or tweak channel trims for a perfect surround sound experience. Web UI can also be used to calibrate speaker delays and levels and configure network settings/control options. Source devices can be renamed, simplifying setup by enabling the elimination of unused inputs.





The Power to Engineer Your Room with Anthem Room Correction (ARC)

At Anthem, we like to take things one step further. Rather than just designing a processor, we want to engineer your room. With the most advanced implementation of our award-winning ARC

Genesis room correction, professional calibration of your system can be achieved with the click of a button while still offering advanced functionality to refine the sound to your personal taste.



Sound in Disorder

Surfaces such as windows, furnishings, and the geometry of the walls, floor, and ceiling add unwanted resonance and coloration, making the bass either boomy or less punchy, voices less natural, and the dialogue-less intelligible.

Sound in Order

Anthem Room Correction measures each speaker's output relative to the listening area, then through a series of calculations, adjusts its output. Not only does ARC correct peaks and dips in a speaker's frequency response, but it also preserves the beneficial acoustic attributes of a room.

Anthem Remote App Early Access / Public Beta

Gain unprecedented command over your network-enabled Anthem A/V Receiver, Processor or Pre-amplifier.

The Anthem Remote App uses a Wi-Fi connection to simplify the configuration of supported Anthem devices. App-based controls include volume level, muting, input selection, power, listening modes, bass, treble, level trims, menu navigation, and Anthem Room Correction (ARC) control.



Anthem App Version 2.7



Anthem App Version 3.1 (Testflight required)





Smart Engineering

At Anthem, we have a straightforward goal – to design, engineer and manufacture audio/video products that deliver performance and convenience at a reasonable price. We do this by spending thousands of hours selecting and testing components, carefully designing our own circuit topologies, and backing them with robust power supplies that ensure maximum long-term quality and reliability.

Integration Ready

At Anthem, we pride ourselves on playing nice with others, no matter the ask. As a result, we've made the AVM 70 A/V Processor the ultimate nerve center for any home theatre or media room by treating ease of integration as a top priority. The AVM 70 A/V Processor features RS232 Serial and IP control capabilities for easy customization and compatibility with common third-party integration solutions.

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PREAMPLIFIER CHANNELS

Maximum Output (<0.1% THD)	10.7 VRMS, Subwoofer 11 VRMS
Frequency Response	20 Hz — 35 kHz (+/-0.2dB)
Frequency Response, Analog-Direct	20 Hz — 80 kHz (+0, -2 dB)
THD+N (4 Vrms output) *†	-100 dB
S/N Ratio (4 Vrms output, IEC-A filter)	110 dB
XLR Configuration	Pin 1: Ground, Pin 2: Positive, Pin 3: Negative

POWER CONSUMPTION

Typical Load	60 W
Standby	0.3 W
Standby IP Control Enabled	1.8 W
Standby HDMI Bypass Enabled	4.9 W

DIMENSIONS

Height (without feet)*	6" (15.24 cm)
Height with Rackmount Kit	4U
Width	17" (43.18 cm)
Depth	14-1/2" (36.4 cm)



TECHNICAL SPECIFICATIONS

All specifications are subject to change without notice. *Including Wi-Fi antenna and no power cord.

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