

Multi-zone connections.
Separate subwoofers for each zone.
Independent room optimization.
Easy Web-based setup.

MDX includes these key features and more....

- **65 Watts (8 Ohms) / 130 Watts (4 Ohms) of amplification** with all channels driven, or bridges to provide 240 Watts (8 Ohms).
- **8- or 16-channels of Ultra-Class-D amplification**, each supported by Advanced Load Monitoring technology, delivers fast, reliable performance even under the most demanding loads.
- **24-bit/192kHz digital-to-analog converter (DAC)** maintains the integrity of high-resolution source materials.
- **All DSP and on-board room correction** executed at above-standard 24-bit/192kHz.
- **Customized pre-set DSP settings.**
- **Separate zone-specific bass management and subwoofer integration** via a passive (RCA) or active (powered by another zone in bridge mode) connection.
- **Bridging allows up to 240 Watts** for high power applications such as subwoofers.
- **Digital switching output allows linking of digital inputs** between multiple amplifiers.
- **Analog pass-through connections allow daisy chaining** of multiple amplifiers.
- **Speaker terminal block connections accept up to 12 AWG**, ideal for long speaker cable runs.
- **IP/RS232 capability ensures compatibility with leading home automation systems.**
- **Fast power ON/OFF switched via IP/RS232, 12-Volt trigger, or audio sensing.**
- **High-efficiency design** meets global power saving standards.

Secure professional rack-mount arms included.

Specifications

	MDX-8	MDX-16
Channels / Zones	8 channels / Up to 4 zones	16 channels / Up to 8 zones
Power Output RMS per Channel (8 Ohm)	65 Watts (all channels driven)	65 Watts (all channels driven)
Power Output RMS per Channel (4 Ohm)	130 Watts (all channels driven)	130 Watts (all channels driven)
High Output Mode (Bridged) RMS per Channel (8 Ohm)	240 Watts	240 Watts
Frequency Response	10Hz – 20kHz ±0.5dB	10Hz – 20kHz ±0.5dB
Digital-to-Analog Converter	PCM up to 24 bit/192 kHz	PCM up to 24 bit/192 kHz
Inputs (analog)	4x RCA pairs (left/right)	8x RCA pairs (left/right)
Inputs (analog, global)	0	1x RCA pair (left/right)
Inputs (digital S/PDIF)	1x Optical	2x RCA coaxial; 2x optical (TosLink)
Inputs (network)	RJ-45 10Base-T/100 Base-TX ethernet port (female)	RJ-45 10Base-T/100 Base-TX ethernet port (female)
Inputs (trigger)	1x 3.5mm (5 – 24V DC/AC)	1x 3.5mm (5 – 24V DC/AC)
Inputs (other)	Micro-USB (for ARC/firmware); RS-232	Micro-USB (for ARC/firmware); RS-232
Outputs (speaker level)	4x removable Phoenix style (left /right) accomodates wire up to 12AWG	8x removable Phoenix style (left/right) accomodates wire up to 12AWG
Output (analog, global)	1x RCA pair (left/right)	1x RCA pair (left/right)
Outputs (subwoofer)	4x RCA (with bass management and room correction)	8x RCA (with bass management and room correction)
Outputs (digital matrix)	0	1x optical (TosLink)
Outputs (other)	1x 3.5mm 12V trigger	1x 3.5mm 12V trigger
Audio In-Out Matrix	Yes	Yes
Advanced Load Monitoring	Yes	Yes
Controls (via web-based UI)	Bass level: ±6dB for each zone; Trebel level: ±6dB for each zone; Level balancing: ±10dB for each zone	Bass level: ±6dB for each zone; Trebel level: ±6dB for each zone; Level balancing: ±10dB for each zone
Controls (back panel)	Power Mode: Auto, Trigger, External Command; Network Reset (pinhole); Factory Reset (pinhole); Mains Power: On /Off	Power Mode: Auto, Trigger, External Command; Network Reset (pinhole); Factory Reset (pinhole); Mains Power: On /Off
Room Correction	Anthem Room Correction (ARC®)	Anthem Room Correction (ARC®)
Microphone (for room correction)	Included dual input microphone (3.5mm and mini-USB)	Included dual input microphone (3.5mm and mini-USB)
Setup	Web-based user interface	Web-based user interface
IP Control (via IP or RS-232)	Drivers for Control4, Crestron, Savant, URC, Elan	Drivers for Control4, Crestron, Savant, URC, Elan
AC Voltage	120V~50/60Hz	120V~50/60Hz
Rack Mount Ears / Feet	Included	Included
Rack Space (feet removed)	2U	2U
Dimensions (H x W x D, with feet)	3.5" x 17" x 16.4" (8.9 x 43.2 x 41.7 cm)	3.5" x 17" x 16.4" (8.9 x 43.2 x 41.7 cm)
Weight	21 lbs. (9.5kg)	23 lbs. (10.4kg)

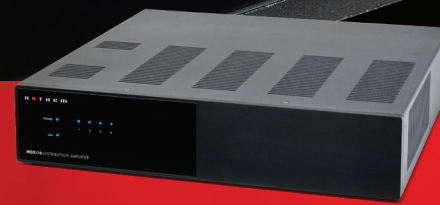


Ask us How!

Make the power of Anthem and Paradigm work together for you to create the BEST package for your job. One order! One shipment! Done!

Team Anthem MDX with these fine Paradigm products:

- CI HOME speakers
- CI PRO speakers
- CI ELITE speakers
- Defiance Subwoofers
- Prestige Subwoofers
- MilleniaSUB
- Seismic



MDX-8



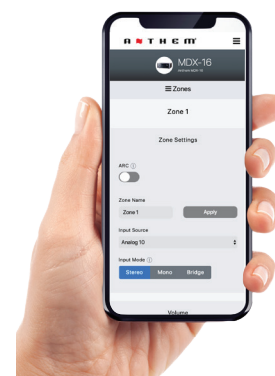
MDX-16

MDX SERIES
DISTRIBUTION AMPLIFIERS

Your Multi-Room Music System Solution.

New Anthem MDX Series Distribution Amplifiers are the first digital distribution amplifiers to feature fully powered independent-zone subwoofer connections, as well ARC® Genesis room correction for each zone. And that's just for starters.

MDX amplifiers feature today's cutting-edge Anthem amplifier technology, so you can expect smooth, efficient, consistent high power and reliability. MDX Series is engineered to simplify your next custom audio system installation, and to blow your clients away with extreme performance in any setup.



Web Based Setup

Nothing could be easier than on-site configuration and calibration using our intuitive Web-based controls.

The specially designed, adaptive user interface works on any device. Custom configure zones, from input assignments to zone names. Adjust levels (and every aspect of performance) independently.

Run Anthem Room Correction (ARC Genesis) for each individual zone, and customize settings separately. Speed firmware updates with the touch of a button.

Dedicated Subwoofers for each Zone

Install and control subwoofers independently in separate zones, with dedicated outputs (both low- and high-level, including bridge mode), and zone-independent settings for the new, more advanced Anthem Room Correction (ARC Genesis). Toggle ARC Genesis on/off in each zone to clearly hear the benefits of premium room optimization.

Zone Configuration Options

Zones can have custom names, multiple inputs, independent playback and tuning controls. Bridge zones for more power. Enable subwoofer bass management in any zone, instantly set crossover frequency, level, phase, and polarity.

Only MDX Series gives you this much control over multiple zones, supporting more creative system designs and more thrilling audio performance.



Digital Inputs, Digital Switching

MDX Series accepts inputs up to 24-bit/192kHz over S/PDIF to provide the most flexibility supporting high-resolution source materials.

Fast, efficient Ultra-Class-D amplification is supported by proprietary Advanced Load Monitoring technology, delivering reliable performance under even the most demanding loads.

Smooth, instantaneous digital switching output allows the linking of digital inputs between multiple amplifiers. (Analog pass-through connections are also included, allowing daisy-chaining of multiple amplifiers.) Our high efficiency design meets and exceeds global power-saving standards.

Equalization and Matrixing Capabilities

Full digital/analog matrix switching allows any analog RCA, digital coaxial or digital optical input to be assigned to any output, either pre-configured via Web interface or switched in real-time via IP commands.

Media Center Compatibility

Robust IP/RS-232 connection capability ensures compatibility with leading home automation systems, with easily downloaded drivers available for:

- ELAN
- Control 4
- Crestron
- RTI
- Savant
- URC (Universal Remote Control)

Comparison Chart

ZONES (CHANNELS)

MDX-16

MDX-8

AUDIO INPUTS

Stereo RCA Analog Input
Global Stereo Analog Input
RCA coax digital input
Toslink Digital Input

8
1
2
2

4
0
0
1

AUDIO OUTPUTS

Mono RCA analog sub out
Stereo speaker level output (130W/4ohms)
Global Stereo RCA Analog
Through Toslink Digital Output

8
8
1
1

4
4
0
0

CONTROL CONNECTIVITY

RJ-45 (10/100)
USB Type B micro
RS-232
3.5mm Trigger jacks

1
1
1
2

1
1
1
2



ARC®
GENESIS

Anthem Room Correction (ARC®) Transforms the sound in any space.

Anthem Room Correction (ARC®) technology is the world's most advanced, yet easiest to use, room optimization process. Installers love it because it instantly improves performance in even the most difficult settings. Customers love it because the results are undeniable.

ARC® Genesis lets you toggle between pre and post ARC setting to clearly show your clients the difference ARC makes.

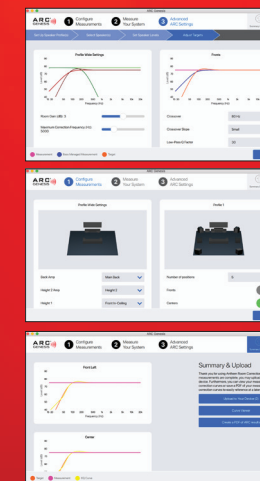
ARC Genesis is compatible with MAC and Windows operating systems. Each MDX Distribution Amplifier comes with a dual input ARC microphone. Simply download the free ARC Genesis software to your laptop from AnthemAV.com, and follow the step-by-step directions. The ARC microphone, placed in key positions in the listening space, takes precise measurements. Our proprietary ARC software instantly compares the acoustic response of the room to the speaker's ideal lab standard. Sophisticated DSP accurately equalizes the response and automatically sets low frequency crossover curves to account for the room's individual acoustic signature, matching the speaker performance to the lab standard. Achieve the most accurate, naturally blended audio with the touch of a button!



Supplied Microphone



MAC or PC



Download ARC® Genesis software