

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)	60 Watts	60 Watts
Power Output RMS per Channel (4 Ohm)	120 Watts	120 Watts
High Output Mode (Bridged) RMS per Channel (8 Ohm)	200 Watts	200 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)	4 x RCA pairs (left/right)	8 x RCA pairs (left/right)
Inputs (digital S/PDIF)	1 x Optical (Toslink)	2 x coaxial; 2 x optical (Toslink)
Inputs (network)	RJ-45 10Base-T/100 Base-TX ethernet port	RJ-45 10Base-T/100 Base-TX ethernet port
Input (trigger)	1 x 3.5mm (5-24V DC/AC)	1 x 3.5mm (5-24V DC/AC)
Inputs (other)	Micro-USB (for ARC); RS-232	Micro-USB (for ARC); RS-232
Outputs (speaker level)	4 x removable Euroblock style (left /right) accommodate wire up to 12AWG	8 x removable Euroblock style (left/right) accommodate wire up to 12AWG
Output (analog, passthrough)	—	2 x RCA pair (left/right)
Outputs (subwoofer)	4 x RCA (with bass management and room correction)	8 x RCA (with bass management and room correction)
Outputs (digital matrix)	—	1 x optical (Toslink)
Output (trigger)	1 x 3.5mm (5-24V DC/AC)	1 x 3.5mm (5-24V DC/AC)
Audio In-Out Matrix	Yes	Yes
Advanced Load Monitoring	Yes	Yes
Controls (via web-based UI)	Bass level: ±10dB for each zone; Treble level: ±10dB for each zone; Level balancing: ±12dB for each zone	Bass level: ±10dB for each zone; Treble level: ±10dB for each zone; Level balancing: ±12dB 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 (for each zone)	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 Control 4, Crestron, Elan, RTI, Savant, URC	Drivers for Control 4, Crestron, Elan, RTI, Savant, URC
AC Voltage	120V±10%~50/60Hz 220-240V±10%~50/60Hz	120V±10%~50/60Hz 220-240V±10%~50/60Hz
Rack Mount Ears/Feet	Included	Included
Rack Space (feet removed)	2U	2U
Dimensions (H x W x D, with feet)	3.9" x 17" x 17" (9.9 x 43.2 x 43.2 cm)	3.9" x 17" x 17" (9.9 x 43.2 x 43.2 cm)
Weight	21 lbs. (9.5kg)	24 lbs. (10.8kg)

Specifications subject to change without notice.



One Order. One Shipment. Done.

Put the power of Anthem and Paradigm together to create the BEST experience for your customers.

Anthem's MDX includes custom DSP profiles for Paradigm CI speakers and subwoofers to equalize frequency response. Using Paradigm CI speakers and subwoofers with the Anthem MDX's custom DSP profiles also provides the added advantage of tracking voltage, current, frequency and impedance for output management and integration with Advanced Load Monitor of the channels.

Team Anthem MDX with these Paradigm products:

- CI Home speakers
- CI Pro speakers
- CI Elite speakers
- Garden Oasis
- Stylus Series
- Décor Collection
- In-Wall subwoofers
- Defiance subwoofers
- MilleniaSub subwoofer
- Seismic 110 subwoofer

A T H E M

POWER

LAN

1

2

3

4

5

6

7

8

MDX-16

MDX SERIES

THE MOST ADVANCED AND VERSATILE DISTRIBUTION SOLUTION EVER



MDX-8



MDX-16

Your Multi-Room Music System Solution.

New Anthem MDX Series is the first distribution solution to feature fully powered independent-zone subwoofer connections, as well as ARC® Genesis room correction for each zone.

MDX Series features today's cutting-edge Anthem distribution 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 simpler 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.

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 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 the 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 PCM to provide the most flexibility supporting high-resolution source materials.

Fast, efficient Ultra-Class-D is supported by proprietary Advanced Load Monitoring technology, delivering reliable performance under even the most demanding loads. Our high-efficiency design meets and exceeds global power-saving standards.

Smooth, instantaneous digital switching output allows the linking of digital inputs between multiple MDX and analog pass-through connections allow daisy-chaining of multiple MDX units.

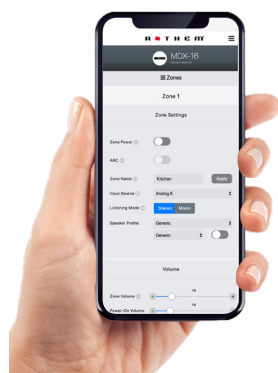
Matrixing Capabilities

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

Automation Compatibility

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

- **Control 4**
- **Crestron**
- **ELAN**
- **RTI**
- **Savant**
- **URC**



MDX-16 16 channels / up to 8 zones

Comparison Chart

ZONES (CHANNELS)

AUDIO INPUTS

Stereo RCA Analog Input
Coaxial RCA Digital input
Toslink (Optical) Digital Input

AUDIO OUTPUTS

Mono RCA Analog Sub Output
Stereo Speaker Level Output
Watts 8 ohms
Watts 4 ohms
Stereo RCA Passthrough
Toslink (Optical) Digital Output

CONTROL CONNECTIVITY

Ethernet (RJ-45)
Micro USB
Serial (RS-232)
3.5mm Triggers (In/Out)

MDX-16

8 (16)

MDX-8

4 (8)

8

2

2

4

—

1

8

8

60 W

120 W

2

1

4

4

60 W

120 W

—

—

1

1

1

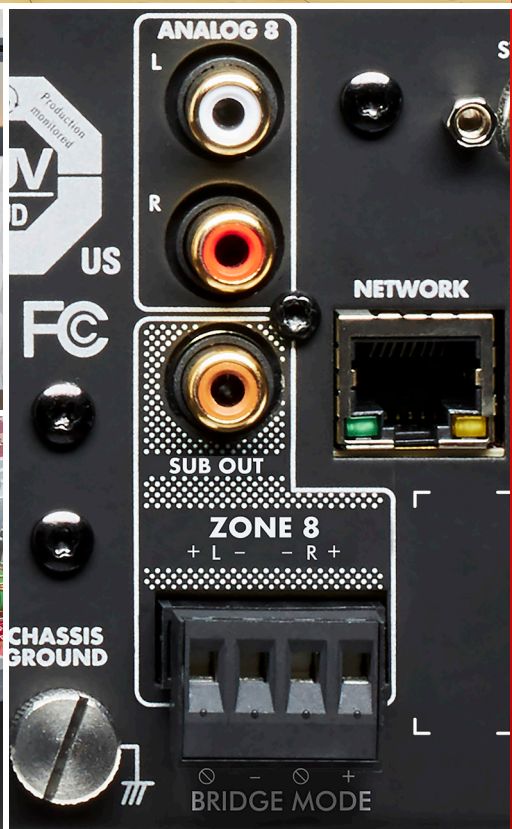
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Multi-zone connections.
Separate subwoofers for each zone.
Independent room optimization.
Easy web-based setup.

MDX includes these key features and more...

- **60 W (8 Ohms) / 120 W (4 Ohms)** with all channels driven, or bridges to provide 200 W (8 Ohms).
- **8- or 16-channels of Ultra-Class-D**, 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.
- **Customized pre-set DSP settings** maximizes performance and provides unparalleled protection when connecting to Paradigm CI speakers and subwoofers.
- **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 200 W** for high power applications such as subwoofers.
- **Digital switching output allows linking of digital inputs** between multiple MDX units.
- **Analog pass-through connections allow daisy chaining** of multiple MDX units.
- **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.**
- **ON/OFF switched via IP/RS232, 12 V trigger, or auto sensing.**
- **High-efficiency design** meets global power saving standards.
- **Secure, professional rack-mount arms included.**



Anthem Room Correction (ARC®)

Transform the sound in any space.

Anthem Room Correction (ARC®) technology is the world's most advanced and user-friendly room optimization system. Installers love it because it instantly improves performance in even the most demanding settings. Customers love it because the results are undeniable.

ARC Genesis is compatible with Mac OS X and Windows operating systems. Each MDX Distribution Amplifier comes with an ARC microphone. Just download the free ARC Genesis software to your laptop from **AnthemARC.com** and follow the step-by-step directions. The ARC microphone, placed in the listening space, takes precise measurements. Our proprietary ARC software compares the acoustic response of the room to the ideal in-room response, unique to each room. Sophisticated DSP accurately equalizes the response and automatically sets low-frequency crossover curves to account for the room's unique acoustic signature. Achieve the most accurate, naturally blended audio with the touch of a button!

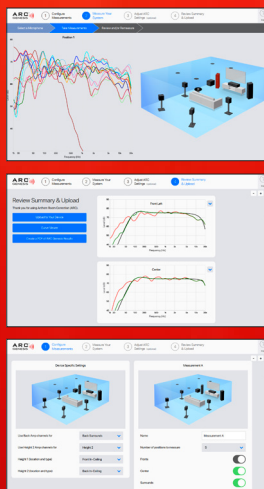


Mac OS X



Windows

ARC®
Microphone
(included)



ARC® Genesis Software
(free download)