



# All-in-One Multiroom Audio

## Episode Response Series DSP Amplifiers

Episode Response Series Amplifiers take multiroom audio to the next level, giving you a matrix switching DSP amp that delivers incredible audio in up to 8 rooms - all in one convenient package.



### DSP & Mixing Capability

DSPs are essential for great audio. This built-in DSP allows for 10-bands of onboard parametric EQ, and individual zone mixing for amazing sound in any space.

### Smart and Powerful

These amps deliver up to 50-200 watts for powerful multiroom audio. Plus, they're IP controlled and OvrC enabled for ultimate convenience.

### Sub Out in Every Zone

Sub outs allow you to easily add a subwoofer to your distributed audio system for a full-frequency listening experience in every room.

### Control System Integration

Easily use your Response amp with your favorite control system, including Control4, for amazing sound that's a breeze to control.

## EPISODE RESPONSE SERIES DSP AMPLIFIERS

	EA-RSP-2D-200	EA-RSP-8D-100	EA-RSP-12D-100	EA-RSP-16D-100
Impedance Input	RCA analog input: 22k $\Omega$	RCA analog input: 20k $\Omega$	RCA analog input: 20k $\Omega$	RCA analog input: 20k $\Omega$
Power Output @ 4 ohm	2 channels driven: 2 x 200W 1 kHz All Channels: 2 x 200W 1 kHz	2 channels driven: 2x100W 1 kHz All Channels: 8x100W 1 kHz	2 channels driven: 2 x 100W 1 kHz All Channels: 12x85W 1 kHz	2 channels driven: 2 x 100W 1 kHz All Channels: 16x80W 1 kHz
Power Output @ 8 ohm	2 channels driven: 2 x 100W 1 kHz All Channels: 2 x 100W 1 kHz"	2 channels driven: 2x50W 1 kHz All Channels: 8x50W 1 kHz"	2 channels driven: 2 x 50W 1 kHz All Channels: 12x50W 1 kHz	2 channels driven: 2 x 50W 1 kHz All Channels: 16 x 50W 1 kHz
Power Output Bridged @ 8 ohm	1 x 400W 1 kHz	4 x 200W 1 kHz	1 x 170W 1 kHz	8x160W 1 kHz
Sensitivity Input	1 Vrms	1 Vrms	1 Vrms	1 Vrms
Topology	Class D	Class D	Class D	Class D
Total Harmonic Distortion (THD)	0.01% 1 kHz @1/8 rated power 4 $\Omega$ or 8 $\Omega$	0.01% 1 kHz @1/8 rated power 4 $\Omega$ or 8 $\Omega$	0.01% 1 kHz @1/8 rated power 4 $\Omega$ or 8 $\Omega$	0.01% 1 kHz @1/8 rated power 4 $\Omega$ or 8 $\Omega$
Connector Type	1 x RJ45 (ethernet), Stereo RCA inputs, 1x Analog loop output, 2 channels: 1 stereo or bridged Speaker outputs	1 x RJ45 (ethernet), Stereo RCA inputs, 4x Analog loop output, 8 channels: 4 stereo or bridged Speaker outputs	1 x RJ45 (ethernet), Stereo RCA inputs, 6x Analog loop output, 12 channels: 6 stereo or bridged Speaker outputs	1 x RJ45 (ethernet), Stereo RCA inputs, 8x Analog loop output, 16 channels: 8 stereo or bridged Speaker outputs
Fan Description	Fanless (passive) cooling	Two fans mounted, 1 each in left and right sides	Two fans mounted, 1 each in left and right sides	Two fans mounted, 1 each in left and right sides
Frequency Response	20 Hz - 20 kHz < $\pm$ 2 dB	20 Hz - 20 kHz < $\pm$ 2 dB	20 Hz - 20 kHz < $\pm$ 2 dB	20 Hz - 20 kHz < $\pm$ 2 dB
Power Connection Type	NEMA 5/15P 3 prong to IEC 60320 C13, 1.8m length	NEMA 5/15P 3 prong to IEC 60320 C13, 1.8m length	NEMA 5/15P 3 prong to IEC 60320 C13, 1.8m length	NEMA 5/15P 3 prong to IEC 60320 C13, 1.8m length
Certifications	UL, CE, FCC	UL, CE, FCC	UL, CE, FCC	UL, CE, FCC
Dimensions (W x H x D)	6.5 x 8.3 x 1.8 in. (420 x 211 x 44.5 mm) With feet: 16.5 x 8.3 x 2.2 in. (420 x 211 x 56 mm)	19.0 x 16.7 x 3.5 in. (483 x 424 x 89 mm) With feet: 19.0 x 16.7 x 4.0 in. (483 x 424 x 101 mm)	19.0 x 16.7 x 3.5 in. (483 x 424 x 89 mm) With feet: 19.0 x 16.7 x 4.0 in. (483 x 424 x 101 mm)	19.0 x 16.7 x 3.5 in. (483 x 424 x 89 mm) With feet: 19.0 x 16.7 x 4.0 in. (483 x 424 x 101 mm)
Operating Humidity	20-90% RH	20-90% RH	20-90% RH	20-90% RH
Operating Temperature	-10 to +50 $^{\circ}$ C (+14 to +122 $^{\circ}$ F) (indoor)	-10 to +50 $^{\circ}$ C (+14 to +122 $^{\circ}$ F) (indoor)	-10 to +50 $^{\circ}$ C (+14 to +122 $^{\circ}$ F) (indoor)	-10 to +50 $^{\circ}$ C (+14 to +122 $^{\circ}$ F) (indoor)
Power Consumption	200W	800W	1200W	1600W
Storage Temperature	-30 to +70 $^{\circ}$ C (-22 to +158 $^{\circ}$ F)	-30 to +70 $^{\circ}$ C (-22 to +158 $^{\circ}$ F)	-30 to +70 $^{\circ}$ C (-22 to +158 $^{\circ}$ F)	-30 to +70 $^{\circ}$ C (-22 to +158 $^{\circ}$ F)
Weight	7.93 lb (3.6 kg)	18.7 lb. (8.5 kg)	19.8 lb. (9 kg)	20.9 lb. (9.5 kg)
Signal to Noise Ratio	>95 dB A-weighted @ rated power	>95 dB A-weighted @ rated power	>95 dB A-weighted @ rated power	>95 dB A-weighted @ rated power
Minimum Impedance	1 ohm	1 ohm	1 ohm	1 ohm
Auto Sensing Sensitivity	2.5 mVrms	2.5 mVrms	2.5 mVrms	2.5 mVrms
LED Indicators	Front power LED: 1x Blue LED light bar System status LED: 2x Bi-color LED	Front power LED: 1x Blue LED light bar System status LED: 8x Bi-color LED	Front power LED: 1x Blue LED light bar System status LED: 12x Bi-color LED	Front power LED: 1x Blue LED light bar System status LED: 16x Bi-color LED
Dynamic Range	> 100 dB A-weighted @ rated power	> 100 dB A-weighted @ rated power	> 100 dB A-weighted @ rated power	> 100 dB A-weighted @ rated power