



# AX2 2U power amplifiers

There are three models in the AX series of amplifiers, all offering you professional quality and high power in a compact 2-rack space package.

As well as Hi Pass filters, stereo crossovers and twin cooling fans, their biggest asset is their sound. For three decades, Studiomaster has been building superb amplifiers. What has always set them apart from others is their exceptional sound quality. The AX continues this tradition... you can concentrate on the performance, with no need to worry about the amps!

The AX amplifiers are perfect for stereo or bridged mono application and with the onboard two way crossover, will suit virtually any application. The crossover frequency can be set at either 100Hz or 150Hz. Each channel can be assigned to the high, or low, frequency signal. The output from each crossover is also available on 1/4" jack sockets to connect more amplifiers.

**AX2 15 2 x 450W 2U POWER AMPLIFIER**

**AX2 25 2 x 750W 2U POWER AMPLIFIER**

**AX2 35 2 x 1100W 2U POWER AMPLIFIER**



**designed for operation to 2 ohms**    **built in flexible 2-way active crossover**  
**35Hz hi-pass filters**    **twin variable speed fan cooling**    **comprehensive amp status leds**  
**compact 2U size with up to 2900W**    **fully ventilated steel chassis**

professional inputs and efficient cooling



built in active crossover

# LIVE AMPLIFICATION

## SPECIFICATIONS

## AX2

	AX215	AX225	AX235		
<b>Output power per channel</b>					
Both channel @ 8 ohms RMS	270 watts	450 watts	710 watts	Cooling	Twin variable speed fans. Back to front airflow
Both channel @ 4 ohms RMS	450 watts	750 watts	1100 watts	Protection	Full short circuit, open circuit, thermal, ultrasonic and RF protection. Stable into mismatched or reactive loads
Both channel @ 2 ohms RMS	575 watts	990 watts	1450 watts	Output circuit type	AX215 : AB AX225 : AB+H(2) AX235 : AB+H(3)
Bridged @ 8 ohms RMS	900 watts	1500 watts	2200 watts	Power requirements	230V +/- 10% 50/60Hz
Bridged @ 4 ohms RMS	1150 watts	1950 watts	2900 watts	Power consumption @ 230V 1/3power pink noise	AX215 : 4.6A AX225 : 7A AX235 : 8.2A
Input sensitivity	rated power 4 ohm	0dBu 0.775V		Connections	Input Output
Distortion THD	1kHz @ rated power	AX215/AX225 : 0.01% AX235 : 0.02%			Combination XLR and jack, Male XLR link socket
Frequency response	20Hz - 20kHz	+0 / -0.5dB		Size (WxHxD)	All models
Signal to noise ratio	rated power 4 ohm	100dB unweighted		Weight (net/shipping)	AX215 AX225 AX235
Input filter	3rd order 18dB/oct	35Hz			482mm(19") x 89mm(3.5") x 394mm(15.5")
Crossover		Selectable 100 / 150Hz 3rd order filter			16kg(35.2lb) / 20kg(44lb) 19.4kg(42.7lb) / 23kg(50.6lb) 21.8kg(47.9lb) / 26kg(57.2lb)

AX2 amplifier series