

# AX2 Series

|        |                              |
|--------|------------------------------|
| AX2 15 | 2 x 450W 2U POWER AMPLIFIER  |
| AX2 25 | 2 x 750W 2U POWER AMPLIFIER  |
| AX2 35 | 2 x 1100W 2U POWER AMPLIFIER |



## 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.

## KEY Features

- 3 MODELS from 450W to 1100W per channel at 4 ohm
- 2 OHM designed for continuous 2 ohm operation
- HPF built-in switchable 35Hz high pass filter
- PROTECTION comprehensive amplifier protection
- COMPACT 2U size, with 19" rack mount ears
- CROSSOVER built-in 2-way 100/150Hz active crossover
- VENTILATED hard wearing steel enclosure channels
- VARIABLE Twin speed fan cooling for reliable long term operation

## Rear Panel

professional inputs  
and efficient  
cooling



built in  
active  
crossover

## Specification

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