

SynergySeries

Dual Channel Power Amplifiers

The Australian Monitor Synergy Series is aptly named. Taking from one side our years of experience in the touring and hire markets, and from the other our years of experience in the installation market, we have combined our experiences to create a high performance, low cost amplifier worthy of installations and hire.

An extensive market survey showed that whilst the lower cost amplifier market is growing, most people were not satisfied with the end product. In many cases the sound quality was very poor and very few people bought the same amplifier twice, constantly looking for a better performing amplifier that offered exceptional value for money.

We have the solution. The Synergy Series has been a long term development project. We have not rushed anything and we have spent a lot of time and money getting it right. There are now thousands of happy Synergy Series customers across the world. We welcome you to join them.

Unlike most amplifiers in this price bracket, the Synergy Series does sound exceptionally good - please compare!



SynergySeries

UNLIKE MOST AMPLIFIERS IN THIS PRICE BRACKET, THE SYNERGY SERIES DOES SOUND EXCEPTIONALLY GOOD - PLEASE COMPARE!

- It is very reliable
- It is very well constructed
- It features in-built clip limiting
- Ground Lift Facility
- Twin fans for efficient cooling
- It is genuinely suitable for installations and hire applications
- Industry standard XLR inputs and speakon/binding post outputs

FIVE SOLID LEVELS OF PROTECTION:

- Overload
- Output Short Circuit
- Thermal
- Output DC Protection
- Slow Start Facility

FIVE STAGE INDICATION:

- Power
- Status/Clip (L/R)
- Overload
- Thermal
- Fault

**Engineered and Distributed by
Audio Telex
Communications Pty Ltd**

ABN 78 001 345 482

149 Beaconsfield Street,
Silverwater, Sydney NSW 2128,
Australia

NSW Tel (02) 9647 1411
Fax (02) 9648 3698

VIC Tel (03) 9890 7477
Fax (03) 9890 7977

QLD Tel (07) 3852 1312
Fax (07) 3252 1237

SA Tel (08) 8352 4444
Fax (08) 8352 4488

WA Tel (08) 9228 4222
Fax (08) 9228 4233

NZ Tel (09) 415 9426
Fax (09) 415 9864

International Enquiries
international@audiotelx.com.au

Website
www.australianmonitor.com.au

Specifications

SY400	
Output power per channel at 4 ohms	200W
Output power per channel at 8 ohms	130W
Output power in bridge mode at 8 ohms	400W
Frequency Response	15Hz-80kHz +0dB -3dB
Distortion	Better than 0.03%
Input Sensitivity	1Vrms
Voltage Gain	28.3
Slew Rate	>40V/us
Damping Factor	>375:1
Signal to Noise	Better than 97dB
Input Impedance	20kohm
Input clipping	+20dBV
Cooling	Front to Back
Amplifier Indicators	Power, Status(Signal/Clip), Overload, Thermal, Fault
Amplifier Controls	Volume, Ground Lift, Bridge Switch, Limiter
Amplifier Protection	Current Limiting, DC Protection, mains fuse, DC rail fuses, Slow Start, Thermal Cutout
Dimensions	87x482x400
Net weight	10kg
Shipping weight	12kg
Shipping dimensions	210x540x470
SY800	
Output power per channel at 4 ohms	375W
Output power per channel at 8 ohms	235W
Output power in bridge mode at 8 ohms	750W
Frequency Response	15Hz-70kHz +0dB -3dB
Distortion	Better than 0.03%
Input Sensitivity	1Vrms
Voltage Gain	38.7
Slew Rate	>40V/us
Damping Factor	>430:1
Signal to Noise	Better than 97dB
Input Impedance	20kohm
Input clipping	+20dBV
Cooling	Front to Back
Amplifier Indicators	Power, Status(Signal/Clip), Overload, Thermal, Fault
Amplifier Controls	Volume, Ground Lift, Bridge Switch, Limiter
Amplifier Protection	Current Limiting, DC Protection, mains fuse, DC rail fuses, Slow Start, Thermal Cutout
Dimensions	87x482x400
Net weight	13kg
Shipping weight	15kg
Shipping dimensions	210x540x470

SY1200	
Output power per channel at 4 ohms	600W
Output power per channel at 8 ohms	390W
Output power in bridge mode at 8 ohms	1200W
Frequency Response	15Hz-75kHz +0dB -3dB
Distortion	Better than 0.03%
Input Sensitivity	1Vrms
Voltage Gain	49.0
Slew Rate	>41V/us
Damping Factor	>450:1
Signal to Noise	Better than 97dB
Input Impedance	20kohm
Input clipping	+20dBV
Cooling	Front to Back
Amplifier Indicators	Power, Status(Signal/Clip), Overload, Thermal, Fault
Amplifier Controls	Volume, Ground Lift, Bridge Switch, Limiter
Amplifier Protection	Current Limiting, DC Protection, mains fuse, DC rail fuses, Slow Start, Thermal Cutout
Dimensions	87x482x450
Net weight	15kg
Shipping weight	17kg
Shipping dimensions	210x540x520

SY1600	
Output power per channel at 4 ohms	800W
Output power per channel at 8 ohms	490W
Output power in bridge mode at 8 ohms	1600W
Frequency Response	15Hz-62kHz +0dB -3dB
Distortion	Better than 0.03%
Input Sensitivity	1Vrms
Voltage Gain	56.5
Slew Rate	>41V/us
Damping Factor	>430:1
Signal to Noise	Better than 97dB
Input Impedance	20kohm
Input clipping	+20dBV
Cooling	Front to Back
Amplifier Indicators	Power, Status(Signal/Clip), Overload, Thermal, Fault
Amplifier Controls	Volume, Ground Lift, Bridge Switch, Limiter
Amplifier Protection	Current Limiting, DC Protection, mains fuse, DC rail fuses, Slow Start, Thermal Cutout
Dimensions	87x482x450
Net weight	18kg
Shipping weight	20kg
Shipping dimensions	210x540x520