

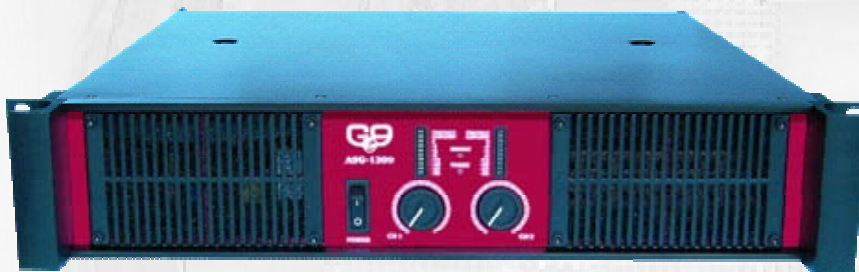
ASG SERIES AMPLIFIERS

PFC on ASG-1300, Light weight - Switch-mode PSU - Solidly built - Protection - Limiter

The ASG Amplifier series

The G9 ASG series of professional power amplifiers are designed to give superb audio performance with all the features, control and sonic performance you might expect from G9. The ASG series amplifiers are all Class H topology and use Bi-polar devices on the output. The switch-mode PSU allows all versions to be 2U in height, while making sure they are both light-weight and capable of delivering stable power down to 2 Ohms. The larger ASG-1300 model has Power factor Correction (PFC) allowing greater efficiency of regulated AC, ensuring that the rated power is always available when you need it in this high powered amplifier.

The ASG series amplifiers have been designed and built to exacting standards and are a good match for the G9 system products, including the superb "G" series professional plywood enclosures and the DSM 26 Digital Speaker Management system. The ASG professional power amplifier series adds to a high quality and compatible audio system package, a well priced series with no compromise from G9.



Mechanical & Protection Features

- Switch-mode PSU - ASG-1300PFC = 98v - 242v, ASG-300 & ASG-600 = 207v to 253v.
- Thermal protection circuitry.
- Soft start circuitry.
- NEUTRIK PowerCon power connector.
- Three fans with front to back variable speed airflow.
- Removable front inlet filters, washable for cleaning x 2.
- Rear rack fixing points.

Front Panel

- Precision 41 step input attenuators on Channel 1 & Channel 2.
- Input level indication by LED ladder from 0dB to -30dB.
- Amplifier Status - Green LED ON.
- Protect warning - Red LED shows protection status.
- Clip/Limiter - Yellow LED (more than 0.5% THD). Also indicates the input is compressed by the amplifier.
- Bridge Mode status - Yellow LED indication.

Rear Panel

- Mode switch: Stereo / Bridge / Parallel.
- Limiter switch - On / Off
- Sensitivity switch on each individual channel - 1.4v / 32dB / 26dB.
- XLR input connector (female) x 2 with parallel XLR output connector (male) x 2.
- Speakon loudspeaker connector x 2 Bridge output via Channel 1.
- Neutrik PowerCon - Mains connection.

NOTE: G9 RESERVES THE RIGHT TO CHANGE SPECIFICATION WITHOUT NOTICE.



ASG Amplifier with "G" series loudspeakers

The ASG series amplifier are suitable for all "G" series cabinets. The ASG-300 is a great match for the G6 loudspeaker, while the ASG-600 is most suitable for either G8 or G12. The powerful ASG-1300 with power factor correction (PFC) is an excellent choice for G15, G218B and G212B. It gives plenty of power at 8 Ohms on the G15, while operating with strong power at 4 Ohms on the subwoofers. All ASG amplifiers give good power output at 8 Ohms and will operate down to 2 Ohms and are bridgeable at both 8 and 4 Ohms.

ASG Amplifier Specifications

	ASG-300	ASG-600	ASG-1300 PFC
Stereo 8 Ohms:	2 x 350w	2 x 600w	2 x 1300w
Stereo 4 Ohms:	2 x 525w	2 x 900w	2 x 2300w
Stereo 2 Ohms:	2 x 660w	2 x 1150w	2 x 3200w
Bridge 8 Ohms:	1 x 1050w	1 x 1800w	1 x 3900w
Bridge 4 Ohms:	1 x 1350w	1 x 2250w	1 x 4900w
Hum and Noise:	100dB	100dB	102dB
THD: @ 1 kHz, 1 dB below clipping:	0.10%	0.10%	0.10%
THD: @ 100 Hz, 1 dB below clipping:	0.20%	0.20%	0.20%
THD: @ 10 kHz, 1 dB below clipping:	0.15%	0.15%	0.15%
Channel separation at 10 kHz:	60dB	60dB	60dB
Slew Rate:	45V μ S	45V μ S	50V μ S
Damping Factor:	500	500	1000
Common mode rejection:	60dB	60dB	60dB
Output Impedance:	600 Ω	600 Ω	600 Ω
Sensitivity:	1.4v/32dB/26dB	1.4v/32dB/26dB	1.4v/32dB/26dB
Frequency Response:	20Hz - 20kHz	20Hz - 20kHz	20Hz - 20kHz
Current draw:	5.1 amps	9.5 amps	18 amp
Operational Voltage:	207v - 253v	207v - 253v	198-242v / 99-121v

Weight & Dimensions

	ASG-300	ASG-600	ASG-1300 PFC
Unit dimensions WxDxH:	483x480x89mm	483x480x89mm	483x480x89mm
Packed dimensions WxDxH:	545x545x125mm	545x545x125mm	545x545x125mm
Net Weight:	11.5 kg	12 kg	14 kg
Gross Weight:	13.5 kg	14 kg	16 kg



NOTE: G9 RESERVES THE RIGHT TO CHANGE SPECIFICATION WITHOUT NOTICE.