



Power Amplifier Two-channel

GS series

GS4 GS5 GS6 GS7 GS8



- TD Class Topology
- Two Separate Switching Power Supply
- Forced Cooling
- Easily Removable Dust Filters
- 2U Height
- Calibrated Input Level Controls (manufactured by ALPS)
- 6-step Bar Level Indicators
- Clip, Alarm and Thermal Indicators
- Mode Switch
Stereo - Mono - Bridge
- Switchable High Pass Filter
(OFF, 35 Hz and 45 Hz; 18dB/octave)
- Sensitivity switch
0.775V - 1.4V - 32dB
- Detachable Power Cord
- XLR Input Connectors
- SpeakON Output Connectors
- 2-Stage Overload Protection
- Short Circuit Protection
- Thermal Protection
- Optoelectronic Clip Limiter
- Electronically DC Speaker Protection
(switch-off power supply)
- High Mains Voltage Protection
(included 400V mains)
- High Frequency Speaker Protection
- Soft Signal Start

The **GS** Series is designed for the most demanding live audio users, whether in touring rigs or fixed installations. For those users, who simply want a high performance amplifier to go with their existing processor or console, the **GS** Series amplifier is an ideal choice, offering high power, reliability and zero signal latency.

GS Series amplifiers are based on TD class topology. This topology almost uncompromising combines the best features of switching and analog amplifiers - high efficiency of switching and high quality sound of analog amplifiers.

GS Series amplifiers have switching power supply. Each channel is powered from separate power supply. This allows to continue working in case of failure of one of them.

The amplifiers use separate for each channels oversized forced cooling system. The amplifiers can stable work on 2 Ohms load resistance at ambient temperatures up to 50 degrees. The cooling system uses 4 powerful fans, the intensity of which changes smoothly depending on the output stage temperature.

Specifically for use in hard touring conditions amplifiers are equipped with reliable protection against high mains voltage. Even the connection to the ~400 V mains will not damage the amplifier!

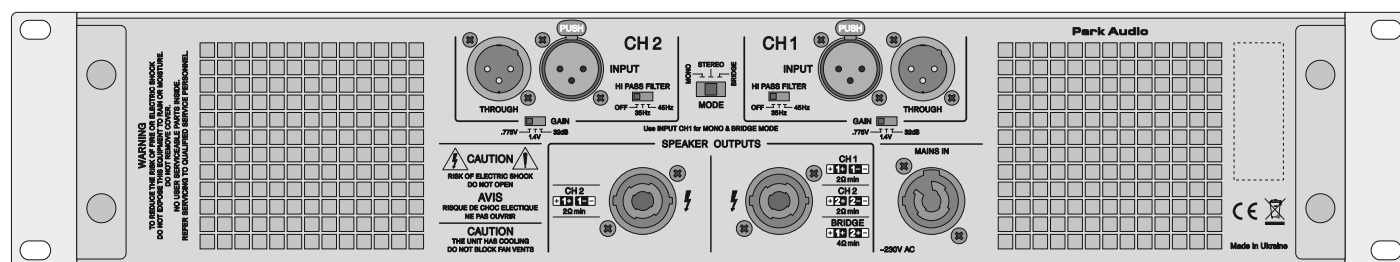
For easy connection to external signal processing devices, amplifier has a sensitivity switch. Highly reliable calibrated level controls, manufactured by ALPS, have graduated in decibels scale.

Switchable high-pass filter (OFF, 35 Hz or 45Hz positions) has slope 18 dB/octave and improves the reliability of the speaker by removing from the signal low frequency components (lower frequency limit of the loudspeaker), which are not reproduced by speakers and only cause useless «bumpy» cones.

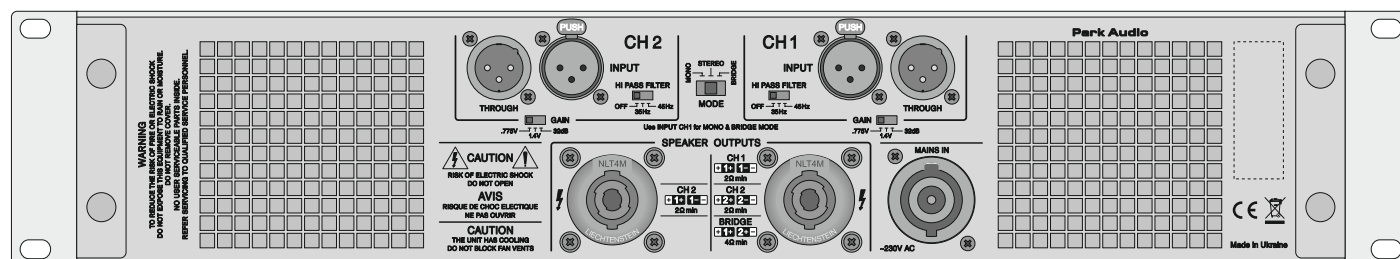
To protect the amplifier from ingress of dust and foreign objects, amplifiers have a dust filter made of polyurethane foam. Due to its structure, the filter material allows repeated washing and flushing. The filter is easily installed and removed without any additional tools.

The amplifier is equipped with a full set of modern protection systems. These include short circuit protection, thermal protection, DC and high frequency speaker protections.

Model	GS4	GS5	GS6	GS7	GS8
Output Power (2 Ohms)	2 x 2000 W	2 x 2500 W	2 x 3000 W	2 x 3500 W	—
(4 Ohms)	2 x 1500 W	2 x 2000 W	2 x 2300 W	2 x 3000 W	2 x 4000 W
(8 Ohms)	2 x 800 W	2 x 1100 W	2 x 1300 W	2 x 1800 W	2 x 2200 W
(Bridge, 4 Ohms)	3600 W	4500 W	5400 W	6300 W	—
(Bridge, 8 Ohms)	2700 W	3600 W	4140 W	5400 W	7200 W
Frequency Response	20 Hz – 20 kHz (±0.2 dB, Phom.)				
Total Harmonic Distortion	0.05 % (20 Hz – 20 kHz)				
Slew Rate	60 V/μs (channel) / 120 V/μs (bridge)				
Damping Factor	800 (1 kHz, 8 Ohms)				
Crosstalk	60 dB (1 kHz)				
Signal-to-Noise Ratio	100 dB (unweighted)				
Sensitivity	0.775 V, 1.4 V, 32 dB (switchable)				
Input Impedance	10 kOhms (balanced)				
High-pass Filter Cutoff Frequency	35 Hz, 45 Hz (18 dB/octave)				
Power Requirements	~230 V, 50/60 Hz				
Weight	14.0 kg	14.2 kg	14.4 kg	14.6 kg	14.8 kg
Heigh	2U				
Depth in Rack	461 mm				
Dimensions	482 mm (W) x 96 mm (H) x 506 mm (D)				



GS4, GS5



GS6, GS7, GS8

