



GS Series Power Amplifiers

Owner's Manual



Important Safety Precautions & Explanation of Symbols



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated [~] dangerous _~ voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to humans.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in this manual.



The lightning flashes printed next to the output terminals of the amplifier are intended to alert the user to the risk of hazardous energy. Output connectors that could pose a risk are marked with the lightning flash. Do not touch output terminals while amplifier power is on. Make all connections with amplifier turned off.



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSON NEL.



WARNING: To prevent fire or electric shock, do not expose this equipment to rain or moisture.



Do not put any containers that hold water on the amplifier, just in case the water would drip into the amplifier and cause electric shock.

This amplifier has a serial number located on the rear panel.
Please write this and the model number down and keep them for your records.
Keep your purchase receipt. It is your proof of purchase.

Serial Number: _____

Date of Purchase: _____

Purchased From: _____

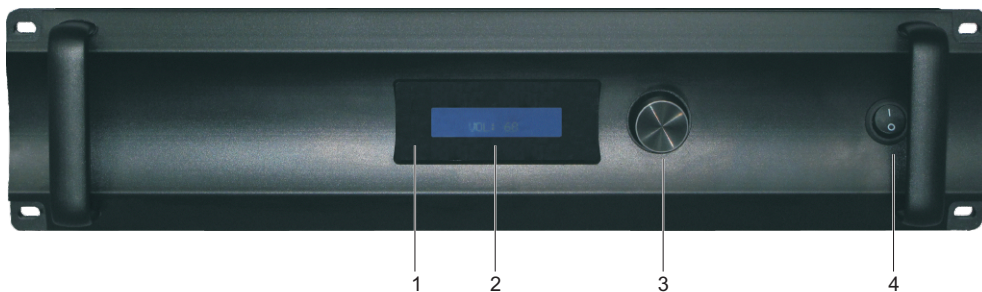
INTRODUCTION

Please read the following directions and obtain the best results.

Key features:

- 7.1 and 5.1 channel
- Remote control
- bluetooth control
- 4 layer PCB and SMT design
- each channel's output power is adjusted separately
- adopting high power, strong current and low internal resistance FET
- Hi-Fi class D amplifying circuit
- complete amplifying protection

CONTROLS, CONNECTORS & FEATURES



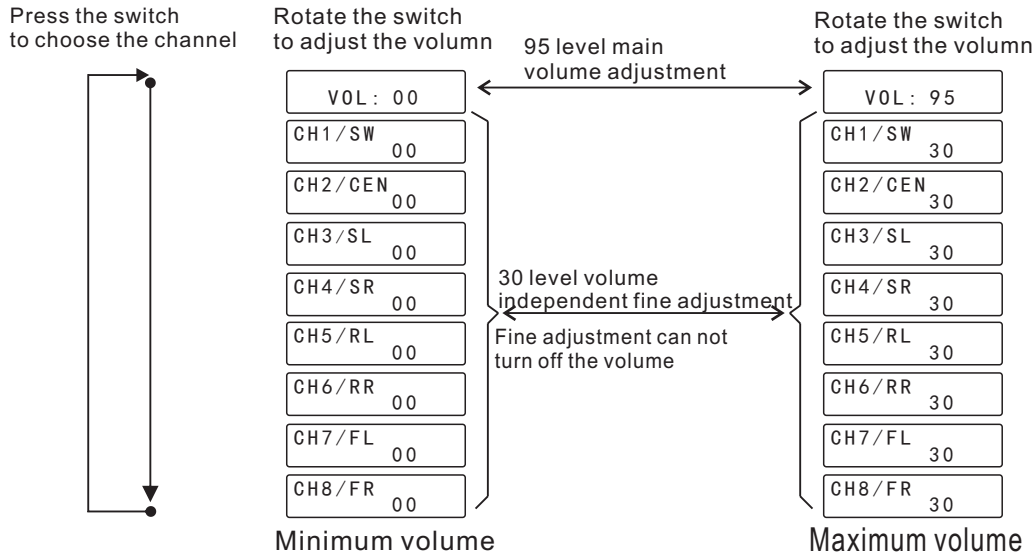
- 1-Remote control sensor
- 2-Screen
- 3-Control switch
- 4-Power switch
- 5-Series number label
- 6-Power cord connector



- | | |
|---------------------------|----------------------------------|
| 7-XLR input connectors | 8-Binding post output connectors |
| CH.1/SW: Subwoofer input | CH.1/SW: Subwoofer output |
| CH.2/CEN: Center input | CH.2/CEN: Center output |
| CH.3/SL: Surround L input | CH.3/SL: Surround L output |
| CH.4/SR: Surround R input | CH.4/SR: Surround R output |
| CH.5/RL: Rear L input | CH.5/RL: Rear L output |
| CH.6/RR: Rear R input | CH.6/RR: Rear R output |
| CH.7/FL: Front L input | CH.7/FL: Front L output |
| CH.8/FR: Front R input | CH.8/FR: Front R output |

Panel operation

- press the switch to choose the channel
- rotate the switch to adjust the volume
- the screen is showed as follow:



Volume saved after adjustment

- Main volume will be saved automatically after 10 seconds' absent operation
- after adjusting CH1-CH8 channel volume, the screen will go back to main volume
- after 7 seconds. Volume will be saved automatically after 10 seconds' absent operation
- the saved volume will be used when the amplifier is turned on next time

Mobile phone bluetooth operation

download [蓝牙串口助手.APK] (android system mobile phone software)

turn on mobile bluetooth, enter the software and connect the amplifier, the PW is 6666

And then go to setting and set each channel accordingly



手机蓝牙串口助手. APK



Android system available only

XLR INPUTS

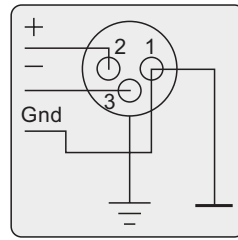
1. Balanced input connections

XLR input connectors are electronically balanced;
XLR input connectors should be wired as follow:

Pin 1 Groud/ shield

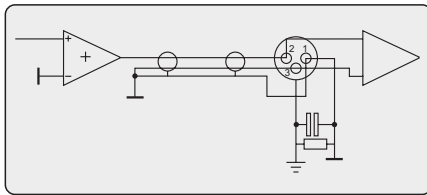
Pin 2 positive (+)

Pin 3 negative (-)



2. Unbalanced input connections

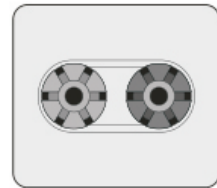
To connect an input to an unbalanced source, it is possible to connect Pin1 and Pin3 in the XLR plug at the amplifier end of the cable. However, a better method is to connect Pin3 to the shield at the source end of the cable, as this usually results in better hum and noise rejection. Balanced input connections are recommended whenever possible.



Each channel is with a balanced XLR input connector. it can be connected by standard wire. it's suggested that to use balanced connector so as to reduce the AC noise and disturb, especially when using long wire. Unbalanced connect is suitable when using short wire, and the signal source impedance should lower than 600ohm.

Binding post output

each channel accept regular 2-wire cord, the red wire connects the positive pole of the speaker, and the black wire connects the negative pole.



There's no bridge mode on this amplifier, and it can't work under 4 ohms load.

Do not support hot-plugging. Only plug in or out input signal when the power is off.



OUTPUT TERMINAL SAFETY WARNING!

Do not touch output terminals while amplifier power is on.

Turn off the amplifier before connecting, or else there will be risk of hazardous energy!

Overheat situation

- the amplifier will protect itself when the temperature is too high or the amplifier works overloaded at low impedance.
- when the temperature is less than 60 degree centigrade, the fans work at low speed.
- when the temperature is between 60-95 degree centigrade, the fans work at high speed.
- when the temperature is over 95 degree centigrade, that
- channel will stop output

SPECIFICATIONS

Model	GS7. 1	GS7. 1S	GS5. 1	GS5. 1S
8ohms Stereo Power	7X500W+1200W	7X300W+800W	5X500W+1200W	5X300W+800W
4ohms Stereo Power	7X800W+900W	7X800W+1300W	5X500W+1900W	5X500W+1300W
Hum&Noise	-100dB			
Channelseparation(Crosstalk)	>100dB(1kHz)			
Damping Factor 1kHz, 8ohms	>400			
Frequency Response	20Hz-34KHz, +0/-0. 3dB, 1W/8Ω			
Input Impedance (balanced)	20KΩ			
volumn control	operated by amplifier、operated by remote、operated by bluetooth			
Volume saving	all volume setting will be auto-saved for next time.			
Cooling	Force-Air Cooling, right-to-left airflow			
Amplifier protection	short circuit, open circuit, direct voltage, high temperature, radio-frequency, ultralow frequenc, current peak limitery.			
Dimensions (H*W*L)	110X488X438mm			
Carton Dimension (H*W*L)	170X600X550mm			
Power Requirement	200V-240VAC (90V-120VAC) , 50-60Hz			
Net Weight	32. 5kg	30. 5kg	29. 5kg	28kg
Gross Weight	36. 8kg	34. 8kg	33. 8kg	32. 3kg