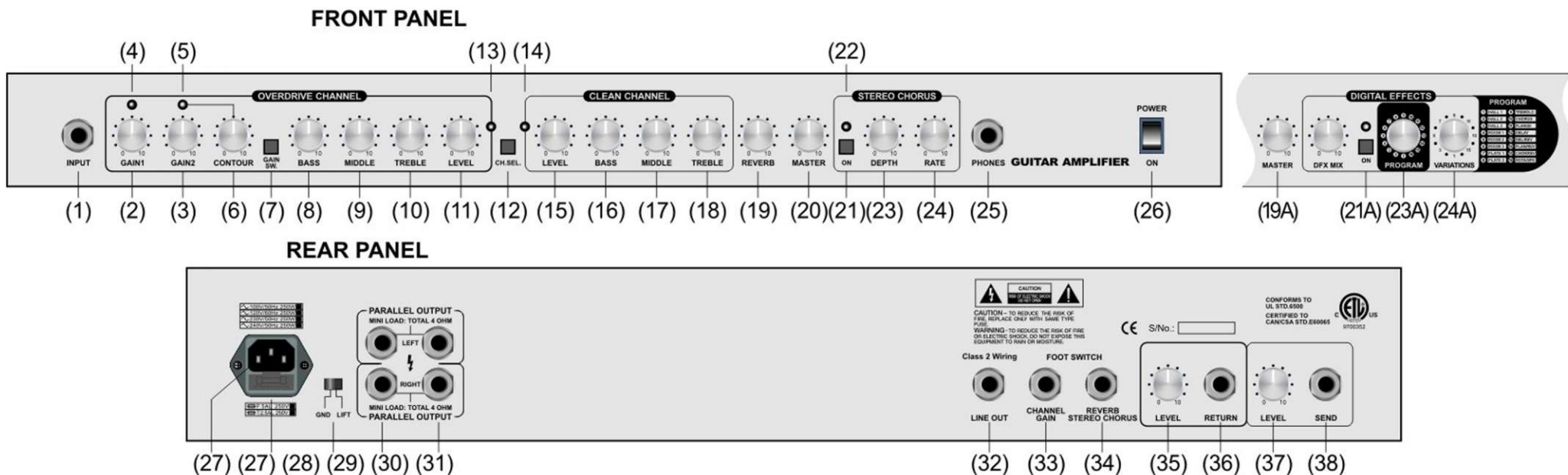


GS75R(C)
GS-100D
GS-200S(C)

Professional
Guitar Amplifier
OWNER'S MANUAL





Features

- 1) Input: Connects the electric guitar.
- 2) Gain 1: Adjusts the amount of distortion in overdrive channel.
- 3) Gain 2 : Adjusts the amount of distortion in overdrive channel.
- 4) LED for Gain1 : Indicates when Gain1 channel is in use.
- 5) LED for Gain2 : Indicates when Gain2 channel is in use.
- 6) Contour: Adjusts the overall tone quality of Gain2 channel. Low Contour setting emphasize middle frequency. A higher setting will notch the mid-range to produce the crunch sound characteristic in most heavy metal sound.
- 7) Gain Switch : Selects Gain1 or Gain2 channel in O.D. Channel.
- 8) Bass : Adjusts the amount of low frequency boost or cut as desired in O.D. channel.
- 9) Middle : Adjusts the amount of mid frequency boost or cut as desired in O.D. channel.
- 10) Treble : Adjusts the amount of high frequency boost or cut as desired in O.D. channel
- 11) Level: Controls the complete signal of the overdrive channel.
- 12) Channel Switch : Selects between clean and overdrive channel.
- 13) LED for Overdrive Channel: Indicates when O.D. channel is in use.
- 14) LED for Clean Channel: Indicates when clean channel is in use.
- 15) Level: Controls the complete signal of the clean channel.
- 16) Bass : Provides desired amount of bass response in clean channel.
- 17) Middle : Provides desired amount of middle frequency equalization in clean channel.
- 18) Treble : Provides desired amount of high frequency equalization in clean channel.
- 19) Reverb : Adjusts the reverberation effect.
- 20) Master: Controls the overall signal level of the guitar amplifier.
- 21) *Chorus Switch : Control the chorus function ON and OFF.
- 22) *Chorus LED : Indicates when chorus is ON.
- 23) *Depth : Adjusts the desired signal modulation.
- 24) *Rate : Produces a vibrato effect with Depth control turned up.
- (19A) DFX MIX : Adjusts Wet/Dry Degree of the Signal
- (21 A) DIGITAL EFFECTS BUTTON : Switches the Digital Effects On/Off
- (23A) PROGRAM : Selects the Desired Effects
- (24A) VARIATIONS(PARAMETER): Adjusts Parameter for the Selected Digital Effects
- (25) Phones : Connects a stereo headphone.
- (26) Power Switch : Turns the amplifier ON or OFF.
- (27) AC Inlet: Connects AC power cord.
- (28) Fuse Holder: Contains primary fuse.
- (29) Ground-Lift: Remove ground from the circuit to eliminate excessive 60 cycle hum.
- (30) External Speaker Jack : Connects the external speaker(s) with a minimum impedance of 4ohm, and the internal speaker will be disconnected.
- (31) External Speaker Jack : Connects the external speaker(s) with a minimum impedance of 8ohm.
- (32) Line Out: Connects a unit with line level input, e.g. Mixer.
- (33) Footswitch Jack : Connects a footswitch to select clean/overdrive channel and gain1/gain2 channel.
- (34) Footswitch Jack : Connects a footswitch to switch reverb or chorus ON and OFF.
- (35) Return Level: Controls the returning signal level.
- (36) Return Jack : Connects the guitar amplifier to output of an effects unit.
- (37) Send Level: Controls the sending signal level.
- (38) Send Jack : Connects the guitar amplifier to input of an effects unit.

NOTE:

(19)/(21)/(23)/(24): for Non-DSP models
 (19A)/(21 A)/(23A)/(24A): for DSP models

• Optional features, depends on purchased model.

Specifications (Depends on the actual purchased model for Spec. A or B)

A

Output Power (a) GS75 75Wrms into 8ohm at 1% THD
 100Wrms into 4ohm at 1% THD
 Output Power (b) GS100D 100Wrms into 8ohm at 1% THD
 GS100S 120Wrms into 4ohm at 1% THD
 Output Power (c) GS200S 200Wrms into 8ohm at 1% THD
 240Wrms into 4ohm at 1% THD

Depends on the actual purchased model for out power (a) or (b) or (c)

Input Impedance : 500Kohm
 Maximum Input Level : -45dB

Power Consumption (a) 160W

Power Consumption (b) 250W

Power Consumption (c) 380W

Depends on the actual purchased model for power consumption (a) or (b) or (c)

S/N Ratio Greater Than 80dB

Speaker Unit 12" High Performance Guitar
 Speaker

No speaker in case of Head version

Effects Send Load Impedance :
 1Kohm or Greater

Effects Return Nominal Output Level : -8dB
 Impedance : 100K ohm
 Optimum Input Level : -8dB

Line Out 0dB /1 Vrms

Phones 60mW into 8ohm

Equalization Bass : +/- 15dB at 50Hz
 Middle : +/- 10dB at 600Hz
 Treble : +/- 18dB at 3KHz

Dimensions / Weight

Combo Version (a) 625W x 468H x 279D mm / 22 kgs

(b) 625W x 468H x 279D mm / 22 kgs

(c) 689W x 524H x 279D mm / 28 kgs

Head Version (b) 625W x 250H x 279D mm /13.3 kgs

(c) 625W x 250H x 279D mm /18.75 kgs

Depends on the actual purchased model for above dimensions/weight information.

B (Stereo Chorus)

50W+50Wrms into 8ohm at 1% THD
 75W+75Wrms into 4ohm at 1% THD
 100W+100Wrms into 8ohm at 1% THD
 120W+120Wrms into 4ohm at 1% THD

Impedance : 500Kohm
 Maximum Input Level: -45dB

250W

450W

Greater Than 80dB

2x12" High Performance Guitar
 Speaker

Load Impedance :
 1Kohm or Greater

Nominal Output Level : -8dB
 Impedance : 100Kohm
 Optimum Input Level : -8dB

0dB/1 Vrms

60mW into 8ohm

Bass : +/- 15dB at 50Hz
 Middle : +/- 10dB at 600Hz
 Treble : +/- 18dB at 3KHz

(b) 689W x 524H x 279D mm / 27.4 kgs

(c) 689W x 524H x 279D mm / 28 kgs

(b) 625W x 250H x 279D mm /13.3 kgs

(c) 625W x 250H x 279D mm /18.75 kgs

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Read all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a damp cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not defeat the safety purpose of the polarized-type plug. A grounding type plug has two blades and a third grounding prong. The third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
9. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
10. Protect the power cord from being walked on or pinched particularly at the plug, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug, when liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing or objects filled with liquids, such as vases. The unit shall not be installed in a cabinet or where the power switch is difficult to access.