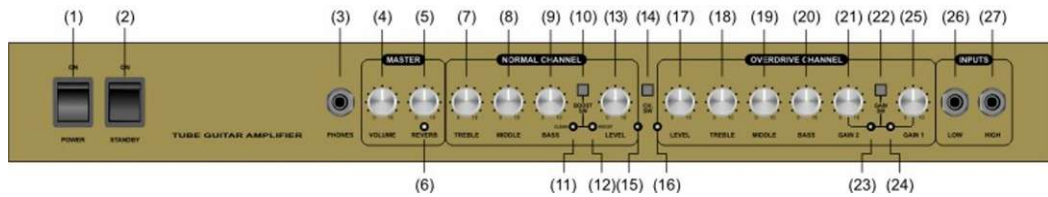


VSH100

Professional Guitar Amplifier

OWNER'S MANUAL

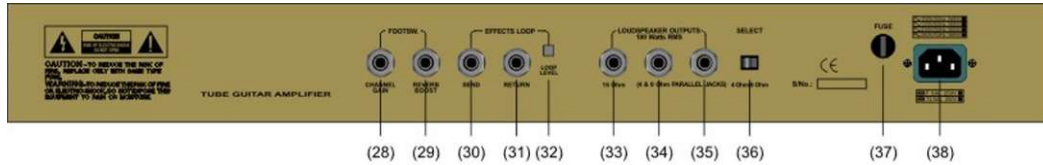




Features

- (1) Power Switch: Turns the amplifier ON or OFF.
- (2) Standby: Turns the amplifier work or standby.
- (3) Phones: Connects a stereo headphone.
- (4) Master: Controls the overall signal level of the guitar amplifier.
- (5) Reverb: Adjusts the reverberation effect.
- (6) Led for reverb: Indicates when reverb is in use.
- (7) Treble: Provides desired amount of high frequency equalization in normal channel.
- (8) Middle: Provides desired amount of middle frequency equalization in normal channel.
- (9) Bass: Provides desired amount of bass response in normal channel.
- (10) Boost switch: Selects between clean and boost.
- (11) Led for clean: Indicates when clean is in use.
- (12) Led for Boost: Indicates when boost is in use.
- (13) Level: Controls the complete signal of the normal channel.
- (14) Channel Switch: Selects between normal and overdrive channel.
- (15) Led for normal Channel: Indicates when normal channel is in use.
- (16) Led for Overdrive Channel: Indicates when O.D. Channel is in use.
- (17) Level: Controls the complete signal of the overdrive channel.
- (18) Treble: Adjusts the amount of high frequency boost or cut as desired in O.D. channel.
- (19) Middle: Adjusts the amount of mid frequency boost or cut as desired in O.D. Channel.
- (20) Bass: Adjusts the amount of low frequency boost or cut as desired in O.D. Channel
- (21) Gain 2: Adjusts the amount of distortion in overdrive channel.
- (22) Gain Switch: Selects Gain1 or Gain2 channel in O.D. Channel.
- (23) Led for Gain2: Indicates when Gain2 channel is in use.
- (24) Led for Gain1: Indicates when Gain1 channel is in use.
- (25) Gain 1: Adjusts the amount of distortion in overdrive channel.
- (26) Low: Connects the electric guitar.
- (27) High: Connects the electric guitar.
- (28) Foot switch jack: Connects a foot switch to select normal/overdrive channel and gain1/gain2 channel.
- (29) Foot switch jack: Connects a foot switch to select clean/boost and switch reverb of chorus ON and OFF.
- (30) Send jack: Connects the guitar amplifier to input of an effects unit.
- (31) Return jack: Connects the guitar amplifier to output of an effects unit.
- (32) Loop level switch: Selects the level of effects loop.
- (33) External Speaker Jack: Connects the external speaker(s) with a minimum impedance of 16 ohm.
- (34) External Speaker Jack: Connects the external speaker(s) with a minimum impedance of 4ohm or 8ohm, and the internal speaker will be disconnected.
- (35) Select switch: Selects an impedance of the external speaker(s)for(34).
- (36) Fuse Holder: Contains primary fuse.
- (37) AC Inlet: Connects AC power cord.

•Optional features, depends on purchased model.



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

Output Power	(a) 50Wrms into 8ohm at 1% THD
Output Power	(b) 100Wrms into 8ohm at 1% THD
Depends on the actual purchased model for out power (a) or (b)	
Input	Impedance 68Kohm or 1 m ohm
	Maximum Input Level: -33dB
Power Consumption	(a) 200W
Power Consumption	(a) 360W
Depends on the actual purchased model for power consumption (a) or (b) or (c)	
S/N Ratio	Greater Than 70dB
Speaker Unit	12" High Performance Guitar Speaker
No speaker in case of Head version	
Effects Send	Load Impedance: 470K ohm
	Nominal Output Level: -22dB
Effects Return	Impedance: 470K ohm
	Optimum Input Level: -22dB
Phones	50mW into 8ohm
	Bass: +/- 15dB at 50Hz
	Middle: +/- 10dB at 600Hz
	Treble: +/- 18dB at 3KHz
Dimensions / Weight	
	Combo Version (a) 572W x 480H x 255D mm / 24 kgs
	Head Version (b) 688W x 267H x 256D mm / 20.5 kgs
Depends on the actual purchased model for above dimensions/weight information.	

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.