

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electrical products, basic cautions should always be followed, including the following:

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers).
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding plug. The wide blade or third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point they exit from the apparatus.
11. Note for UK only: If the colors of the wires in the mains lead of this unit do not correspond with the terminals in your plug, proceed as follows:
 - a. The wire that is colored green and yellow must be connected to the terminal that is marked by the letter E, the earth symbol, colored green, or colored green and yellow.
 - b. The wire that is colored blue must be connected to the terminal that is marked with the letter N or the color black.
 - c. The wire that is colored brown must be connected to the terminal that is marked with the letter L or the color red.
12. Only use attachments/accessories provided by the manufacturer.
13. 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.
14. Unplug this apparatus during lightning storms or when unused for long periods of time.
15. 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 is damaged, 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.
16. Connect only to a power source of the type marked on the unit adjacent to the power supply cord. Never break off the ground pin on a power supply cord.
17. If this product is to be mounted in an equipment rack, rear support should be provided.
18. Exposure to extremely high noise levels may cause a permanent hearing loss. Individuals vary considerably in susceptibility to noise induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a sufficient time. The U.S. Government's Occupational Safety & Health Administration (OSHA) has specified the following permissible Noise level exposure.

Duration per Day in hours	Sound Level dBA, slow response
8	90
6	92
4	95
3	97
2	100
1 1/2	102
1	105
1/2	110
1/4 or less	115

According to OSHA, any exposure in excess of the above permissible limits could result in some hearing loss. Ear plugs or protectors in the ear canals or over the ears must be worn when operating this amplification system in order to prevent a permanent hearing loss if exposure exceeds the limits set forth above. To ensure against potentially dangerous exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels, such as this amplification systems, be protected by hearing protectors while this unit is in operation.

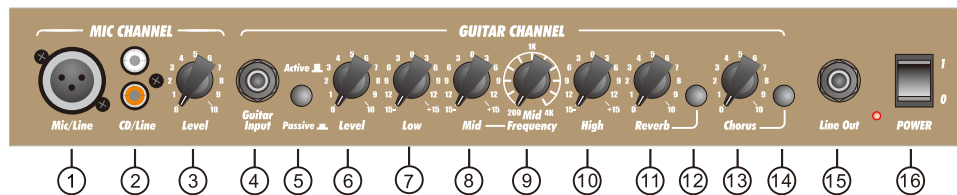
STAGE RIGHT

USER's MANUAL

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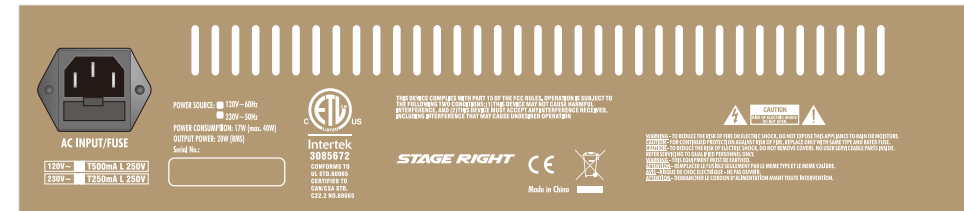
20W Acoustic Amplifier

TECHNICAL SPECIFICATIONS	
Rated Power	20 Watts RMS @ 4 Ohms load
Frequency Response	40 Hz to 10kHz
Total Harmonic Distortion	0.5%
Hum and Noise	-60 dB below rated power
Input Impedance	510 k Ohms
Power Consumption	40 Watts maximum
Maximum Input Level	.7 vrms
Maximum Gain	51 dB
Dimension	14.2" x 16.7" x 9.8" (360 H x 423 W x 250mm D)
Weight	22lb(10.0 kg)



FRONT PANEL FUNCTION

- (1) **Mic/Line:** 3 Pin Low Impedance Microphone Input. Connect balanced low impedance microphones here. Input offers an impedance of 1 kOhm. Wiring is pin 1 = shield, pin 2 = positive (hot), pin 3 = negative (cold).
- (2) **CD/Line:** connect external CD player or similar line level devices here.
- (3) **Level:** volume control for Mic/Line & CD/Line input.
- (4) **Guitar input:** this is an instrument input for plugging in virtually anything. You may plug in a guitar, keyboard, drum machine, mixer cassette deck, CD player or any pre-amplified signal.
- (5) **Active/Passive:** this switch allows you to adjust the sensitivity of the input according to the type of pickups/EQ used on the instrument.
- (6) **Level:** to control the overall listening volume of the guitar channel.
- (7) **Low:** to control the low frequencies of the guitar channel.
- (8) **Mid:** to control the adjustable mid frequency of the guitar channel.
- (9) **Mid Frequency:** to set the operating frequency for the mid control.
- (10) **High:** to control the high frequencies of the guitar channel.
- (11) **Reverb control:** to control the level of reverb in the guitar channel.
- (12) **Reverb button:** to activate/deactivate the reverb function.
- (13) **Chorus control:** to control the level of chorus in the guitar channel.
- (14) **Chorus button:** to activate/deactivate the chorus function.
- (15) **Line out:** sends out the signal to another amplifier or mixing desk.
- (16) **Power:** This on/off switch provides power to the unit.



REAR PANEL FUNCTION

- (1) **Power Socket:** The socket for connecting external power source.



Intended to alert the user to the presence of uninsulated 'Dangerous Voltage' within the products enclosure that may be sufficient to constitute a risk of electrical shock to persons.



Intended to alert the user of the presence of important operating and maintenance (Servicing) instructions in the literature accompanying the product.

CAUTION: Risk of electrical shock - DO NOT OPEN.

To reduce the risk of electrical shock, do not remove the cover. No user serviceable parts inside. Refer servicing to qualified personnel.

WARNING: To prevent electrical shock or fire hazard, do not expose this appliance to rain or moisture. Before using this appliance please read the operating instructions for further warnings.

FCC statement

The United States Federal Communications Commission (in CFR 47 Part 15.105) has specified that the following notice be brought to the attention of the users of this product:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the product into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



In order to reduce environmental damage, at the end of its useful life, this product must not be disposed of along with normal household waste to landfill sites. It must be taken to an approved recycling centre according to the recommendations of the WEEE (Waste Electrical and Electronic Equipment) directive applicable in your country.



* Appearance and specifications of this product are subject to change without prior notice.