

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.

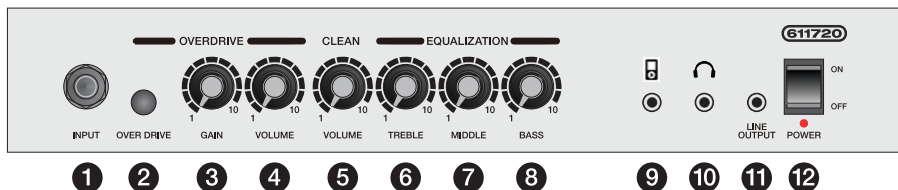
STAGE RIGHT



611720

20Watt, 1x8 GUITAR COMBO AMPLIFIER

USER's MANUAL



FRONT PANEL

- 1. INPUT:** This is an instrument input for plugging in virtually anything. You may plug in a guitar (bass or lead), keyboard, drum machine, mixer, cassette deck, CD player, or any pre-amplified signal. If you notice any unwanted distortion, turn down the volume control on the device.
- 2. CHANNEL SELECT:** This push button switches between the clean and overdrive channels. The switching is quiet and noise-free. For a clean, undistorted sound, turn the CHANNEL SELECT switch off. The gain control and the overdrive level control only operate if the CHANNEL SELECT switch is ON (pushed in).
- 3. GAIN:** This is the distortion intensity control for the overdrive channel. This control determines the amount of distortion and sustain.
- 4. VOLUME:** This is the overall level control for the overdrive channel.
- 5. VOLUME:** This is the overall level control for the clean channel.
- 6. TREBLE:** This equalization control adjusts the amount of boost in the high (3 KHz) frequency range.
- 7. MIDDLE:** This equalization control adjusts the amount of boost in the middle (1 KHz) frequency range.
- 8. BASS:** This equalization control adjusts the amount of boost in the low (100 Hz) frequency range.
- 9. AUX IN:** This 3.5mm stereo jack is for connecting an additional audio source, such as the headphone output of an mp3 player or smartphone. The signal input to this jack is mixed with the signal coming from the Overdrive or Clean channel. Use the external device's volume control to control the mix level. We recommend using a high quality 3.5mm audio patch cable, such as the MONOPRICE PID 9297 cable.
- 10. HEADPHONES:** This is stereo headphone jack for plugging in headphones. Whenever a 3.5mm plug is inserted into this jack, the internal speaker is disabled.
- 11. LINE OUTPUT:** This 3.5mm stereo jack is useful for connecting additional amplifiers or recording devices. It carries the same preamp signal that is sent to the speaker amplifier and the headphones jack. The impedance is 1 kilohm. Use caution when connecting other devices to this jack. Ensure that all volume/level controls are turned down before plugging into other devices.
- 12. POWER:** This on/off switch provides power to the unit.



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



Intended to alert the user to 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.

TECHNICAL SPECIFICATIONS

RATED POWER	20 Watts RMS @ 4 Ohms load (Overdrive Mode) 14 Watts RMS @ 4 Ohms load (Clean Mode)
FREQUENCY RESPONSE	70 Hz to 10 kHz
TOTAL HARMONIC DISTORTION	0.5% (clean mode)
HUM AND NOISE	-75 dB below rated power
INPUT IMPEDANCE	220 k Ohms
POWER CONSUMPTION	40 Watts maximum
MAXIMUM INPUT LEVEL	0.7 Vrms
MAXIMUM GAIN	86 dB (Overdrive mode @ 1 kHz) 44 dB (Clean mode @ 1 kHz)
DIMENSIONS	13.4" x 15.0" x 6.9" (340 x 380 x 175 mm)
WEIGHT	15.4 lbs. (7.0kg)



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 center according to the recommendations of the WEEE (Waste Electrical and Electronic Equipment) directive applicable in your country.

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.