

CRATE

G10 XL

G15 XL



GUITAR AMPLIFIER

CRATE G10XL/G15XL GUITAR AMPLIFIER



We would like to take this opportunity to thank you for selecting a Crate product, and to tell you of our commitment to the design and manufacture of only the finest musical instrument amplification equipment; built for you, the musician.

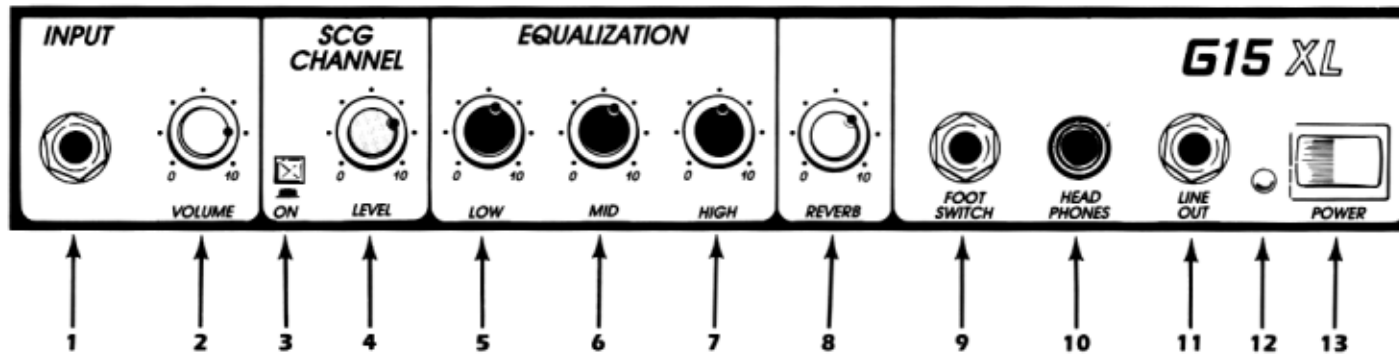
You have purchased one of the most innovative sound amplification devices available today. Your Crate amplifier gives you more performance features than ever before; features that you, the musician, have asked for.

Your Crate amplifier is an American product, manufactured at our factory in St. Louis, Missouri. Only the finest available components and materials are used in the manufacture of each amplifier.

All Crate amplifiers are subject to seven or more inspection and testing steps to assure you of a high quality product. The final test for each amp is conducted by a trained musician with the instrument the amp was designed for. Any unit that does not meet the standards of his discriminating ear will not be passed.

Since all Crate products are designed, developed, and manufactured through the cooperative efforts of engineers and professional musicians, the end result is a product that responds to the musician's audio requirements, and a product that will serve your needs for years to come.

OPERATION



FRONT PANEL FEATURES AND FUNCTIONS

- 1. INPUT JACK:** This 1/4" phone jack accepts input from a guitar or other input source.
- 2. GAIN CONTROL:** This control sets the basic gain of the amplifier in both normal and SCG channel operation.
- 3. SCG CHANNEL SELECT SWITCH:** The SCG Channel is the high gain channel, and is selected when the switch is set to the "in" position. The "out" position selects the normal channel, which should be used for the cleanest sound.
- 4. SCG CHANNEL LEVEL CONTROL:** This control sets the volume level of the SCG channel. It is only active when the CHANNEL SELECT SWITCH (3) is set to select the SCG channel.
- 5. LOW CONTROL:** This is the bass control and is common to both channels.

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6. **MID CONTROL:** This is the midrange control and is common to both channels. Lower settings will give a "heavy" sound to the SCG channel, and a "thin" sound to the normal channel, while higher settings will "fatten" the normal channel sound.
 7. **HIGH CONTROL:** This is the treble control and is common to both channels.
 8. **REVERB CONTROL:** (G15XL only) This control sets the amount of reverb applied to the sound.
 9. **FOOTSWITCH JACK:** This jack allows footswitch selection of channel and reverb. When using the footswitch, use the CHANNEL SELECT SWITCH (3) to select the SCG channel, and the footswitch will select between SCG and normal channel.
 10. **HEADPHONE JACK:** Unpowered headphones may be plugged into this jack. The speaker is automatically disconnected when headphones are plugged in.

11. **LINE OUT JACK:** This is an unbalanced, high impedance output for recording, or connecting additional amplifiers. The speaker is not disconnected by this jack.

12. **POWER INDICATOR:** The amplifier is on whenever this indicator is lit.

13. **POWER SWITCH:** Press the right side of this switch to turn the unit on, press the left side to turn off.

REAR PANEL FEATURES

POWER CORD: Your G10XL/15XL is equipped with a heavy-duty grounded three-wire power cord. Be sure this cord is properly plugged into a safely wired grounded 120 volt, 60hz AC power outlet before use. (If your G10XL/15XL was purchased outside the United States, refer to the rear panel for power ratings). For your safety, never attempt to defeat the ground connection on this cord.

G10XL/15XL TECHNICAL SPECIFICATIONS

Output Power Rating	10 watts RMS @ 5% thd 4 ohm load—120 vac
Speaker Size and Rating:	Custom Design 8" with 1" voice coil, power capacity 10 watts RMS
Bass Control	12dB range @ 80 hz
Mid Control	7dB range @ 500 hz
High Control	12dB range @ at 5 khz
Input Impedance	220k ohms
Maximum Input Signal Level Accepted	3 volts, peak to peak
Total System Gain	74dB max
Signal to Noise Ratio	50dB @ max gain
Line Out Level	0.6 volt RMS
Input Power Requirements	120 vac, 60hz, 30 watts max (domestic USA models)
Cabinet Size and Weight	14.25"H x 14.25"W x 7"D 18 lbs. (shipping)

Specifications subject to change without notice.

CAUTION: To reduce the risk of electric shock, do not remove chassis. No user serviceable parts inside. Refer servicing to qualified service personnel.

CAUTION: This equipment is capable of producing sound pressure levels greater than 110 dB SPL. Continued exposure to such high sound pressure levels can cause permanent hearing impairment or loss. User caution is advised, and ear protection is recommended.