

B·10
Bass Amplifier

CRATE

CRATE B-10 Bass 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 stops 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.

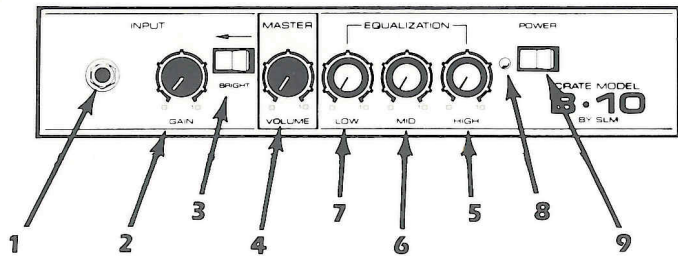
B-10 TECHNICAL SPECIFICATIONS

Output Power Rating	8 watts RMS @ 10% THD 3.2 ohm load—120 VAC
Speaker Size and Rating	Custom Design 8" with 1" voice coil Power Handling 10 watts RMS
Bass Control	12 db range @ 80 Hz
Mid Control	6 db range @ 800 Hz
Treble Control	12 db range @ 3 KHz
Bright Switch	6 db boost @ 3 KHz
Input Impedance	220 K ohms
Maximum Input Signal Level Accepted	3 volts, peak to peak
Total System Gain	43 db
Signal to Noise Ratio	65 db
Line Out Level	1 volt, peak to peak, @ full output
Headphone Level	30 mw nominal with 8 ohm phones/ 2 volt open circuit
Input Power Requirements	120 VAC, 60 Hz, 23 watts max
Cabinet Size and Weight	16" H x 14-1/2" W x 7-1/2" D 20 lbs.

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 amplifier is capable of producing high sound pressure levels (high volume). Continued exposure to high sound pressure levels can cause permanent hearing impairment or loss. User caution is advised, and ear protection is recommended when playing at high volumes.



FRONT PANEL

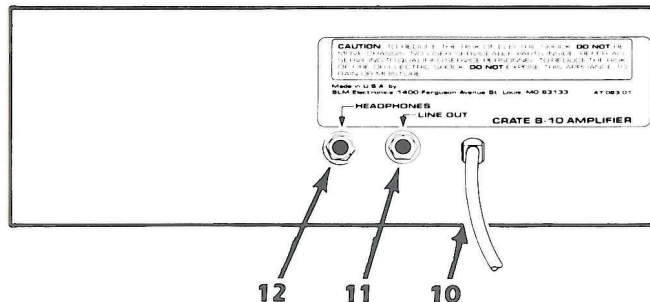
1. **INPUT JACK:** This 1/4" phone jack accepts input from a bass guitar or other input source.
2. **GAIN CONTROL:** This control sets the amount of gain for the preamp. A low output instrument requires high gain while less gain is needed with a high output instrument. Setting this control too high along with boosted equalization may cause distortion. If this is not desired, simply reduce the amount of gain.
3. **Bright Switch:** This switch affects the brilliance or harmonics of the bass' sound by adding additional "bite" or sharpness.
4. **MASTER VOLUME:** Use this control to set the overall level of sound.
5. **HIGH CONTROL (Treble):** This knob affects the upper harmonic

range of the guitar, and clockwise (higher) settings increase the crispness or "bite" of the sound.

6. **MID CONTROL:** The amount of midrange tone is set using this control. Low settings can "thin out" the sound, while higher settings can give a "fatter" sound. Lower settings will give a "heavy textured" sound, especially if lows and highs are boosted.
7. **LOW CONTROL (Bass):** The amount of "bottom" or "warmth" may be increased or decreased with this knob.

POWER

8. **POWER LED INDICATOR:** The amplifier is on when this LED is lit.
9. **POWER SWITCH:** Pressing the left side of the switch turns the unit on, and the right side turns the amp off.



REAR PANEL

10. **POWER CORD:** Your B-10 amplifier is equipped with a heavy duty, three-wire, grounded AC cord. Be sure this cord is properly plugged into a safely wired outlet before use. For your safety, do not defeat the ground connection on this cord.
11. **LINE OUT JACK:** This is an unbalanced high impedance line output, which may be used to link the B-10 to additional amplifiers or to connect the amp to a tape recorder. Simply run a cable from this jack to the input of the other unit.
12. **HEADPHONE JACK:** Unpowered headphones may be plugged into this jack. Plugging headphones into this jack disconnects the internal speaker so the output of the amplifier will be heard only through the headphones.

LIMITED WARRANTY

SLM Electronics warrants this product to be free of defects in material and workmanship for a period of one (1) year from the original date of purchase to the original purchaser and is not transferable. Speakers, tubes, and meters carry a ninety (90) day warranty. This warranty is subject to the conditions, exclusions, and limitations hereinafter set forth.

Excluded from this warranty are defects caused by wear and tear, misuse, neglect, alterations and modifications, or act of nature. Such determinations will be made by SLM Electronics. Warranty is also void if:

- a. The original retail purchase is not made from an Authorized Crate or Audio Centron dealer;
- b. The serial number affixed to the product is altered, defaced or removed.

All parts costs will be borne by SLM Electronics within the warranty period. Labor costs will be covered within the warranty period according to rate schedules established by SLM Electronics. Warranty service may be done by SLM Electronics or an SLM Authorized Field Service Center. Transportation charges involved in warranty service are the sole responsibility of the purchaser.

SLM Electronics warrants speakers to be free from defects in material and

workmanship for a period of ninety (90) days from original date of purchase. Speaker warranty will be subject to inspection of speaker by SLM Electronics or SLM Authorized Field Service Center. Obvious overpowering will result in warranty denial. Realizing speakers can be overloaded causing failure, SLM Electronics will replace the speaker with a speaker of same or equal type at a price one-half the then current suggested retail price of the new speaker for life, regardless of reason.

Warranty repairs may be handled by your authorized dealer, authorized SLM Service Center, or SLM Electronics. All units being returned to SLM Electronics must be accompanied with a detailed description as to needed repairs, a copy of the original sales receipt, and an SLM Electronics return authorization. SLM Electronics reserves the right to repair or replace this piece of equipment at their option.

SLM Electronics is not liable for any incidental or consequential damages resulting from any defect or failure of this instrument other than the repair of the SLM Electronics product subject to the terms of this warranty. This limited warranty gives you specific legal rights, and you may have other rights which vary from state to state. This warranty is expressly in lieu of all other agreements and warranties, expressed or implied, except as may be otherwise required by law.

