



Ampeg

BA-110



BASS AMPLIFIER

Owner's Manual








Ampeg BA-110 BASS AMPLIFIER

IMPORTANT SAFEGUARDS AND PRECAUTIONS:

All Ampeg products are designed for continuous safe operation, as long as common sense is used and steps are taken to help avoid certain problems. Abiding by the following rules can help prevent damage to your amplifier, yourself and others.

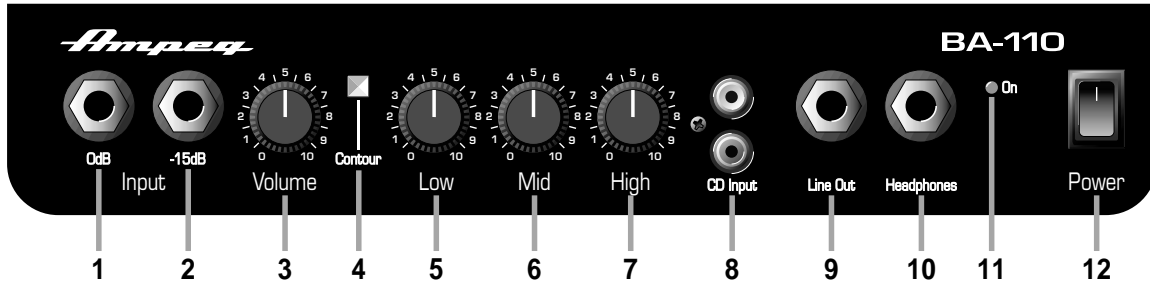
- The amplifier is equipped with a three-pronged AC power cord. To reduce the risk of electrical shock, **NEVER** remove or otherwise attempt to defeat the ground pin of the power cord.
- Connect the amplifier **ONLY** to a properly grounded AC outlet of the proper voltage for your amp.
- Avoid sudden temperature extremes, rain and moisture. Also, avoid sudden and intense impact. (If the unit has been subjected to any of the preceding abuses, have it looked at by an authorized service center.)
- **NEVER** set the amplifier on a support that might give out under its weight.
- Always keep the total speaker impedance at or above the rated load.
- Unplug the amplifier before cleaning it. **NEVER** spray liquid cleaners onto the amplifier. Wipe it with a slightly dampened, lint-free cloth to remove dirt and film.
- Do not use the amplifier if it has sustained damage to the chassis, controls, or power cord. Refer the unit to an authorized service center for inspection.
- Amplifiers capable of producing high volume levels are also capable of inflicting permanent hearing loss or damage, if the exposure to such levels is prolonged. Such damage is progressive and irreversible!

 <p>CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN</p> <p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	 <p>ATTENTION RISQUE D'ELECTROCUTION NE PAS OUVRIR</p> <p>ATTENTION: POUR REDUIRE D'ELECTROCUTION NE PAS ENLEVER LE COUVERCLE. AUCUNE PIECE INTERNE N'EST REPARABLE PAR L'UTILISATEUR. POUR TOUTE REPARATION, S'ADRESSER A UN TECHNICIEN QUALIFIE.</p>	 <p>VORSICHT ELEKTRISCHE SCHLAGEGFAHR NICHT OFFENEN</p> <p>VORSICHT: ZUR MINIMIERUNG ELEKTRISCHER SCHLAGEGFAHR NICHT DEN DECKEL ABENHMEN. INTERNE TEILE KÖNNEN NICHT VOM BENUTZER GEWARTET WERDEN. DIE WARTUNG IS QUALIFIZIERTEM WARTUNGSPERSONAL ZU ÜBERLASSEN.</p>
<p>THIS EQUIPMENT HAS BEEN DESIGNED AND ENGINEERED TO PROVIDE SAFE AND RELIABLE OPERATION. IN ORDER TO PROLONG THE LIFE OF THE UNIT AND PREVENT ACCIDENTAL DAMAGES OR INJURY, PLEASE FOLLOW THESE PRECAUTIONARY GUIDELINES:</p> <p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT OPEN CHASSIS; DO NOT DEFEAT OR REMOVE THE GROUND PIN OF THE POWER CORD; CONNECT ONLY TO A PROPERLY GROUNDED AC POWER OUTLET.</p> <p>WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.</p> <p>CAUTION: NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p> <p>CAUTION: OUR AMPLIFIERS ARE CAPABLE OF PRODUCING HIGH SOUND PRESSURE LEVELS. CONTINUED EXPOSURE TO HIGH SOUND PRESSURE LEVELS CAN CAUSE PERMANENT HEARING IMPAIRMENT OR LOSS. USER CAUTION IS ADVISED AND EAR PROTECTION IS RECOMMENDED IF UNIT IS OPERATED AT HIGH VOLUME.</p>		
<p>EXPLANATION OF GRAPHICAL SYMBOLS: EXPLICACION DE SIMBOLOS GRAFICOS: EXPLICATION DES SYMBOLES GRAPHIQUES:</p>	 = "DANGEROUS VOLTAGE" "VOLTAJE PELIGROSO" "DANGER HAUTE TENSION" "GEFÄHRLICHE SPANNUNG"	 = "IT IS NECESSARY FOR THE USER TO REFER TO THE INSTRUCTION MANUAL." "ES NECESARIO QUE EL USUARIO SE REFIERA AL MANUAL DE INSTRUCCIONES." "REFERREZ-VOUS AU MANUAL D'UTILISATION" "UNBEDINGT IN DER BEDIENUNGSANLEITUNG NACHSCHLAGEN"



Ampeg BA-110 BASS AMPLIFIER

TOP PANEL:



1. 0dB INPUT: Connect your “passive” bass guitar here by means of a shielded instrument cable. This input is not padded and is best suited for basses without active electronics or “hot” pickups.

2. -15dB INPUT: Connect your “active” bass here by means of a shielded instrument cable. This input is padded 15dB and is best suited for basses with active electronics and/or “hot” pickups.

3. VOLUME: Use this control in conjunction with your instrument’s volume controls to adjust the output level of the amplifier. The BA-110 employs a built in limiter to keep the output clean at full power, however, extreme settings may cause some audible distortion.

4. CONTOUR: This switch, when depressed, boosts the high and low frequencies while cutting the midrange to provide a “funk” slap-bass tone.

5. LOW: Use this control to adjust the low frequency level of the amplifier. This control has a 28dB range at 100Hz.

6. MID: Use this control to adjust the midrange level of the amplifier. This control has a 26dB range at 600Hz.

7. HIGH: Use this control to adjust the high frequency level of the amplifier. This control has a 35dB range at 10kHz.

8. CD INPUT: Use these RCA jacks to connect the line level (or headphones) output of

a CD player or tape deck. The two jacks sum the stereo signal into a mono signal which is fed into the BA-110 just prior to its power amplifier. Use the volume control on the CD or tape player to control the level of this signal.

9. LINE OUT: This jack supplies a post-eq, unbalanced line level signal for connecting to a house sound board, recording unit or external amplifier. The level of this signal is controlled by the Volume control (#3).

10. HEADPHONES: For private practice sessions, plug headphones into this jack. The internal speaker is disconnected when the headphones jack is used.

11. ON LED: This LED illuminates when the amplifier is plugged in and turned on.

12. POWER: Use this switch to turn the amplifier on and off – the top of the switch is depressed in the on position.

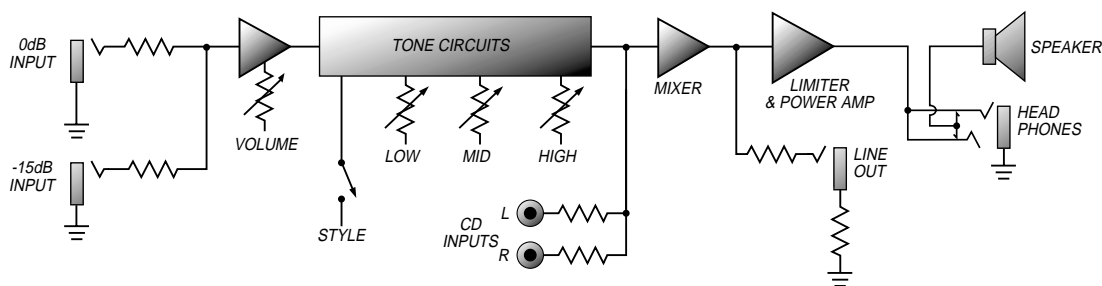
13. POWER CORD (rear panel, not shown): Use this cord to connect the amplifier to a suitable source of A.C. voltage. This is a grounded, three-wire cord and must be connected to a properly grounded outlet. **DO NOT attempt to defeat the ground connection of the power cord!** If your amp was purchased outside of the United States, see the sticker next to the A.C. connector for its power ratings. Follow the above guidelines.

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TECHNICAL SPECIFICATIONS:

OUTPUT POWER RATING	30 Watts at 4 ohms
MAX INPUT LEVELS	0dB Input: 800mV RMS -15dB Input: 5V RMS CD Input: 2V RMS
LINE OUT LEVEL	2.15V RMS
HEADPHONE OUT LEVEL	1.35V RMS
GAIN	40dB
CONTOUR	10dB boost @ 50Hz 5dB cut @ 600Hz 10dB cut @ 10kHz
HIGH	35dB range @10kHz
MID	26dB range @600Hz
LOW	28dB range @100Hz
SPEAKER SPECS	10", 30 w, 4 ohm, 1.5" voice coil dia., 22 oz. magnet
POWER REQUIREMENTS	120VAC, 60Hz, 36VA 100/115VAC, 50/60Hz, 36VA 230VAC, 50/60Hz, 36VA
SIZE AND WEIGHT	15" W x 16" H x 12" D; 32 lbs.

SYSTEM BLOCK DIAGRAM:



Ampeg continually develops new products, as well as improves existing ones. For this reason, the specifications and information in this manual are subject to change without notice.



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