



Ampex

BA-112



BASS AMPLIFIER

Owner's Manual



Ampeg BA-112 BASS AMPLIFIER

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE. TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

PRECAUCION
RIESGO DE CORRIENTAZO
NO ABRA

PRECAUCION: PARA REDUCIR EL RIESGO DE INCENDIOS O DESCARGAS ELECTRICAS, NO PERMITA QUE ESTE APARATO QUEDE EXPUESTO A LA LLUVIA O LA HUMEDAD. PARA DISMINUIR EL RIESGO DE CORRIENTAZO, NO ABRA LA CUBIERTA. NO HAY PIEZAS ADENTRO QUE EL USUARIO PUEDA REPARAR DEJE TODO MANTENIMIENTO A LOS TECNICOS CALIFICADOS.

ATTENTION
RISQUE D'ELECTROCUTION
NE PAS OUVRIR

ATTENTION: PROTEGEZ CET APPAREIL DE LA PLUIE ET DE L'HUMIDITE AFIN D'EVITER TOUT RISQUE D'INCENDIE OU D'ELECTROCUTION. POUR REDUIRE D'ELECTROCUTION NE PAS ENLEVER LE COUVERCLE. AUCUNE PIECE INTERNE N'EST REPARABLE PAR L'UTILISATEUR. POUR TOUTE REPARATION, S'ADRESSEZ A UN TECHNICIEN QUALIFIE.

IMPORTANT SAFETY INSTRUCTIONS

- READ, FOLLOW, HEED, AND KEEP ALL INSTRUCTIONS AND WARNINGS.
- DO NOT OPERATE NEAR ANY HEAT SOURCE AND DO NOT BLOCK ANY VENTILATION OPENINGS ON THIS APPARATUS. FOR PROPER OPERATION, THIS UNIT REQUIRES 3" (75mm) OF WELL VENTILATED SPACE AROUND HEATSINKS AND OTHER AIR FLOW PROVISIONS IN THE CABINET.
- DO NOT USE THIS APPARATUS NEAR SPLASHING, FALLING, SPRAYING, OR STANDING LIQUIDS.
- CLEAN ONLY WITH LINT-FREE DAMP CLOTH AND DO NOT USE CLEANING AGENTS.
- ONLY CONNECT POWER CORD TO A POLARIZED, SAFETY GROUNDED OUTLET WIRED TO CURRENT ELECTRICAL CODES AND COMPATIBLE WITH VOLTAGE, POWER, AND FREQUENCY REQUIREMENTS STATED ON THE REAR PANEL OF THE APPARATUS.
- PROTECT THE POWER CORD FROM DAMAGE DUE TO BEING WALKED ON, PINCHED, OR STRAINED.
- UNPLUG THE APPARATUS DURING LIGHTNING STORMS OR WHEN UNUSED FOR LONG PERIODS OF TIME.
- ONLY USE ATTACHMENTS, ACCESSORIES, STANDS, OR BRACKETS SPECIFIED BY THE MANUFACTURER FOR SAFE OPERATION AND TO AVOID INJURY.
- THIS APPARATUS DOES NOT OPERATE NORMALLY AND REQUIRES SERVICE WITH ANY PHYSICAL DAMAGE FROM IMPACT OR ANY EXPOSURE TO MOISTURE.
- SERVICE MUST BE PERFORMED BY QUALIFIED PERSONNEL.
- 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.

EXPLANATION OF GRAPHICAL SYMBOLS:

EXPLICACION DE SIMBOLOS GRAFICOS:

EXPLICATION DES SYMBOLES GRAPHIQUES:



"DANGEROUS VOLTAGE"

"VOLTAJE PELIGROSO"

"DANGER HAUTE TENSION"



"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"

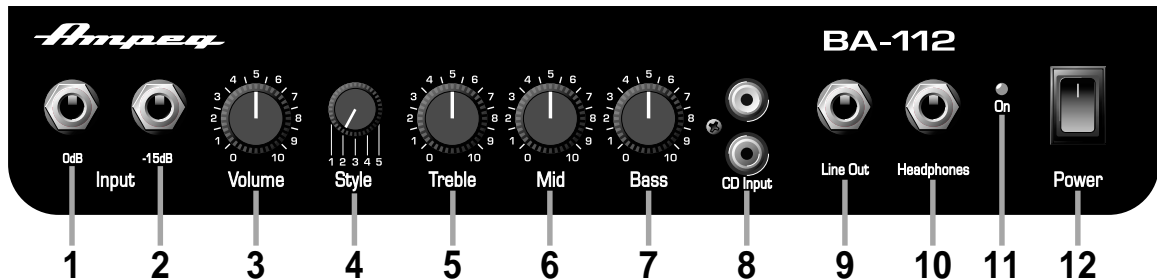
IMPORTANT SAFEGUARDS AND PRECAUTIONS:

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!

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TOP PANEL:



1. 0dB INPUT: Connect your “passive” bass guitar here using 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 using 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-112 employs a built in limiter to keep the output clean at full power.

4. STYLE: This five-position switch allows you to vary the tone of the amplifier. Experiment with the Style and other eq controls (#5,6,7) for the results which suit you best.

5. TREBLE: Use this control along with the style control to adjust the high frequency level of the amplifier. The treble control has a 36dB range at 10kHz.

6. MID: Use this control along with the style control to adjust the midrange level of the amplifier. This control has a 30dB range @ 500Hz.

7. BASS: Use this control along with the style control to adjust the low frequency level of the amplifier. This control has a 36dB range @ 50Hz.

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-112 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 a pair of headphones here. The internal speaker is disconnected when the headphones jack is used.

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

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

AC LINE CORD: (rear panel, not shown)

This grounded power cord is to be plugged into a grounded power outlet, wired to current electric codes and compatible with voltage, power, and frequency requirements stated on the rear panel. **Do not attempt to defeat the safety ground connection.**

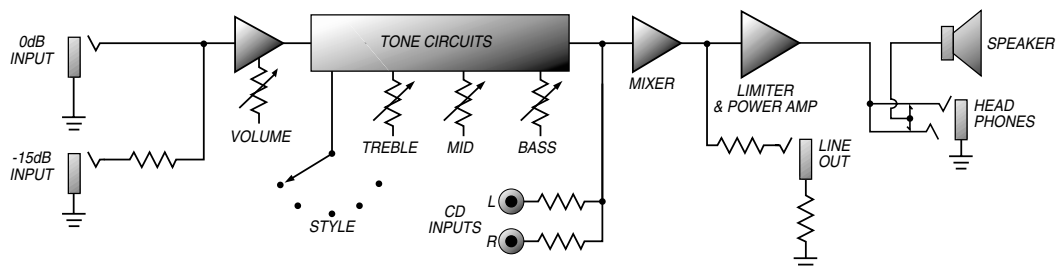


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TECHNICAL SPECIFICATIONS:

OUTPUT POWER RATING	50 Watts at 8 ohms
MAX INPUT LEVELS	0dB Input: 800mV RMS -15dB Input: 4.62V RMS CD Input: 3.5V RMS
LINE OUT LEVEL	1.75V RMS
HEADPHONE OUT LEVEL	2.75V RMS
GAIN	40dB
STYLE	1 = -25dB @500Hz 2 = -12dB @500Hz 3 = flat 4 = +5dB @2kHz and above 5 = -6dB @50Hz and below
TREBLE	36dB range @10kHz
ULTRA MID	30dB range @500Hz
BASS	36dB range @50Hz
SPEAKER SPECS	12", 50 w, 8 ohm, 1.5" voice coil dia., 30 oz. magnet
POWER REQUIREMENTS	120VAC, 60Hz, 70VA 100/115VAC, 50/60Hz, 70VA 230VAC, 50/60Hz, 70VA
SIZE AND WEIGHT	17-1/4" W x 18" H x 13-1/4" D; 39 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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