



Ampeg

BA115



BASS AMPLIFIER

User's Guide



Ampeg BA115 BASS AMPLIFIER

Declaration of Conformity

Manufacturer's Name: SLM Electronics
Corporate Headquarters: 1901 Congressional Drive, St. Louis, Missouri 63146
Primary Production Facility: 700 Hwy 202 W, Yellville, Arkansas, 72687

Product Type: Audio Amplifier

Products meet the regulations for compliance marking under:

ETL standards UL6500, UL60065, or UL813
 CSA standards E60065 or C22.2 No.1-M90
 CE safety standard EN60065
 CE EMC standards EN55103 or EN55013 and EN61000
 FCC standards 47CFR 15.107 and 15.109 Class A
 C-tick designation Level 2, ABN #56748810738, ARBN# N222
 KETI standard K60065 (limited model approval)

Compliance Support Contact: SLM Electronics, Attn: R&D Compliance Engineer
 1901 Congressional Drive, St Louis, Missouri, 63146 • Tel.: 314-569-0141, Fax: 314-569-0175



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 QUEDA EXPUESTO A LA LLUVIA O LA HUMEDAD. PARA DISMINUIR EL RIESGO DE CORRIENTAZO, NO ABRA LA CUBIERTA. NO HAY PIEZAS ADENTRO QUE EL USUARIO PUEDE 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'ADRESSER 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.
- WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK OR FIRE, DO NOT EXPOSE THIS UNIT TO RAIN OR 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.
- WARNING: THIS UNIT REQUIRES A SAFETY GROUNDED OUTLET WIRED TO CURRENT ELECTRIC CODES HAVING THE LINE SUPPLY VOLTAGE, POWER, AND FREQUENCY IDENTIFIED ON THE REAR OF THE UNIT. THE OUTLET MUST REMAIN ACCESSIBLE TO DISCONNECT THE UNIT IF A FAULT SHOULD ARISE WHILE IN USE. THIS UNIT SHOULD BE UNPLUGGED WHEN NOT IN USE.



EXPLANATION OF GRAPHICAL SYMBOLS:

EXPLICACION DE SIMBOLOS GRAFICOS:

EXPLICATION DES SYMBOLES GRAPHIQUES:



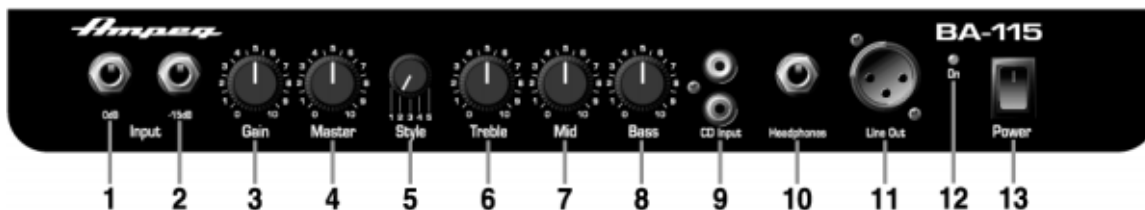
"DANGEROUS VOLTAGE"
 "VOLTAJE PELIGROSO"
 "DANGER HAUTE TENSION"



"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"

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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. GAIN: Use this control in conjunction with your instrument’s volume controls to adjust the level of the signal sent to the preamp.

4. MASTER: Use this control to adjust the overall listening level of the amplifier. This control is also used to adjust the signal level at the Line Out jack (#11).

5. STYLE: This five-position switch is used to control the tone of the amplifier. Please refer to the TECHNICAL SPECIFICATIONS on the back page of this manual for an explanation of the function of each position. Experiment with the Style and other eq controls (#6,7,8) for the results which suit you best.

6. TREBLE: This control is used in conjunction with the style control to adjust the high frequency level of the amplifier.

7. MID: This control is used in conjunction with the style control to adjust the midrange level of the amplifier.

8. BASS: This control is used in conjunction with the style control to adjust the low frequency level of the amplifier.

9. CD INPUT: These jacks (RCA type) are used to connect the line level (or headphones) output of a CD player or tape deck. The inputs to these jacks are summed into a mono signal which is fed into the BA115 just prior to its power amplifier. Use the volume control on the CD or tape player to control the output level.

10. HEADPHONES: The internal speaker is disconnected when the headphones jack is used.

11. LINE OUT: This jack supplies a post-eq, balanced line level signal for connecting to a house sound board, recording unit or external amplifier. The amplitude of this signal is adjusted by the Master control (#4).

12. ON LED: This LED is illuminated when the amplifier is plugged in and turned on.

13. POWER: This switch is used to turn the amplifier on or off.

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.**

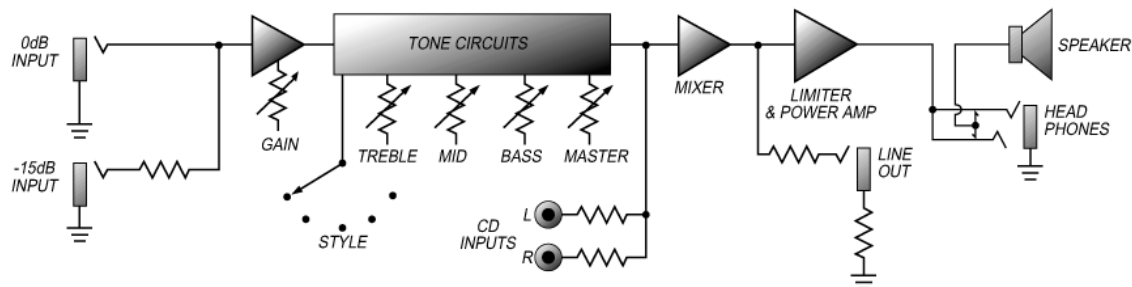


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TECHNICAL SPECIFICATIONS:

OUTPUT POWER RATING	100 Watts at 4 ohms
MAX INPUT LEVELS	0dB Input: 1.75V RMS -15dB Input: 9.75V RMS CD Input: 5V RMS
LINE OUT LEVEL	120mV RMS
HEADPHONE OUT LEVEL	3.75V RMS
GAIN	39dB
STYLE	1 = -25dB @500Hz 2 = -12dB @500Hz 3 = flat 4 = +5dB @2kHz and above 5 = -6dB @50Hz and below
TREBLE	40dB range @10kHz
ULTRA MID	30dB range @500Hz
BASS	36dB range @50Hz
SPEAKER SPECS	15", 150 w, 4 ohm, 2.5" voice coil dia., 56 oz. magnet; Piezo tweeter
POWER REQUIREMENTS	120VAC, 60Hz, 70VA 100/115VAC, 50/60Hz, 70VA 230VAC, 50/60Hz, 70VA
SIZE AND WEIGHT	21" W x 21" H x 15-1/2" D; 62 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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