



***Ampex***

***BA-115***



***BASS AMPLIFIER***

*Owner's Manual*



# Ampeg BA-115 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 PUEDO REPARAR DEJE TODO MANTENIMIENTO A LOS TECNICOS CALIFICADOS.

**ATTENTION**  
RISQUE D'ELECTROCUTION  
NE PAS OUVRIR

ATTENTION: PROTÉGEZ CET APPAREIL DE LA PLUIE ET DE L'HUMIDITÉ AFIN D'ÉVITER TOUT RISQUE D'INCENDIE OU D'ELECTROCUTION. POUR RÉDUIRE D'ELECTROCUTION NE PAS ENLEVER LE COUVERCLE. AUCUNE PIÈCE INTERNE N'EST RÉPARABLE PAR L'UTILISATEUR. POUR TOUTE RÉPARATION, S'ADRESSER À UN TECHNICIEN QUALIFIÉ.

## 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!

## Declaration of Conformity

#29, Effective 01-01-2001

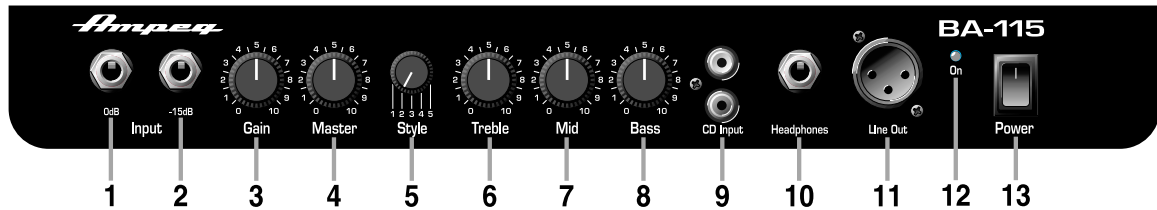
**Manufacturer's Name:** SLM Electronics  
**Production Facility:** 11880 Borman Drive, St. Louis, MO 63146, USA  
**Production Facility:** 700 Hwy 202 W, Yellville, AR 72687, USA  
**Shipping Facility:** 1400 Ferguson Ave., St. Louis, MO 63133, USA  
**Office Facility:** 1400 Ferguson Ave., St. Louis, MO 63133, USA  
**Product Type:** Audio Amplifier  
**Complies with Standards:**  
**LVD:** 92/31/EEC, 93/68/EEC, & 73/23/EWG  
**Safety:** EN60065  
**EMC:** EN55013, EN55020, EN55022, EN61000-3-2, & EN61000-3-3

Supplementary information provided by your local Sales & Services Office or:

SLM Electronics - R & D Engineering  
1901 Congressional Drive, St Louis, MO 63146, USA  
Tel.: 314-569-0141, Fax: 314-569-0175

# **Ampeg BA-115 BASS AMPLIFIER**

## 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 BA-115 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.**

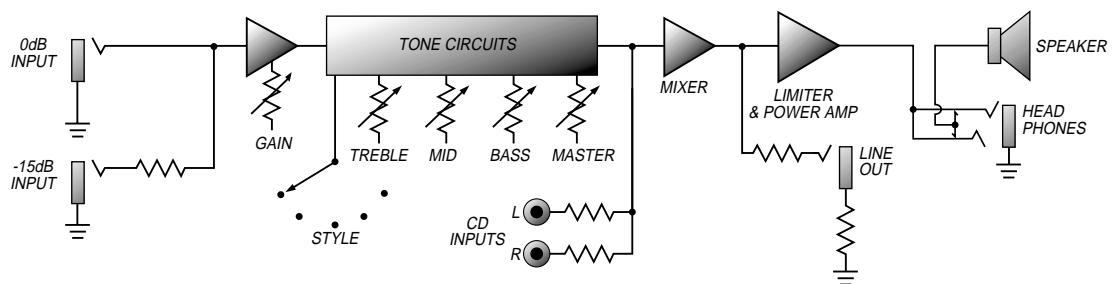


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## TECHNICAL SPECIFICATIONS:

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