



*Diamond Blue*  
*Ampeg* CLASSIC

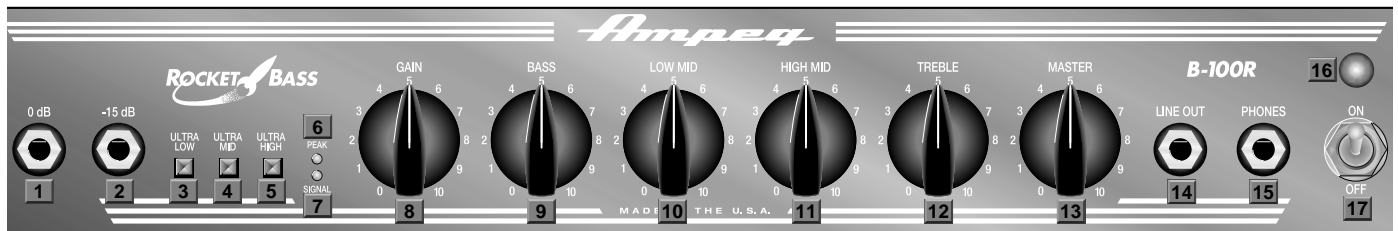
**MODEL B-100R**

**ROCKET  BASS**

**OWNER'S GUIDE**

## Ampeg MODEL B-100R

Thank you for selecting the Ampeg Rocket Bass amplifier. Inspired by the classic Ampeg bass amps of the sixties, this easy-to-use amplifier represents Ampeg's quest to provide you the finest instrument amplification systems available. In order to get the most out of your new amplifier, please read these instructions before its use.



**1. 0dB Input** accepts a standard 1/4" instrument plug from your bass. This input is suited for use with instruments that have passive electronics.

**2. -15dB Input** accepts a standard 1/4" instrument plug from high output basses. This input is padded 15dB to compensate for higher output sources and is suited for use with basses that have active electronics or high output pickups.

**3. Ultra Low** increases the low frequency output by 7dB at 40Hz. This adds to the rumble and overall feel of the low bass notes.

**4. Ultra Mid** decreases the mid frequency output by 6dB at 600Hz. This removes some of the middle frequencies for a "contoured" sound.

**5. Ultra High** increases the high frequency output by 7dB at 5kHz. This adds crispness to your sound.

**6. Peak LED** will illuminate when the Gain control (#8) is set too high. This indicates overdriving of the preamplifier which causes clipping. (See the Gain control, #8.)

**7. Signal LED** will illuminate when the Gain control (#8) is adjusted

properly. (See the text for the Gain control.)

**8. Gain** must be adjusted to match the output of your instrument to the amplifier. For the proper setting, turn on the amplifier, turn the Gain control and the Master control (#13) all the way down and begin playing your bass. Turn the Gain control up until the Signal LED (#7) lights while playing and the Peak LED (#6) flashes occasionally.

**9. Bass** adjusts the output level of the low frequencies and offers a cut or boost of 12dB at 70Hz.

**10. Low Mid** adjusts the output level of the lower midrange frequencies and offers a cut or boost of 12dB at 300Hz.

**11. High Mid** adjusts the output level of the upper midrange frequencies and offers a cut or boost of 11dB at 1.5kHz.

**12. Treble** adjusts the output level of the high frequencies and offers a cut or boost of 14dB at 7kHz.

**13. Master** controls the overall output level of the amplifier and the level of the signal at the Headphones jack (#15).

**14. Line Out** supplies a mono signal for connecting to a mixing console, tape recorder or external amplifier. The signal is pre-Master and post-EQ.

**15. Phones** allows the connection of a pair of stereo headphones for private practice sessions. The internal speaker is disconnected whenever headphones are used.

**16. Power light** indicates the amplifier is turned on by glowing an iridescent blue color.

**17. Power switch** is used to turn the amplifier on and off.

**18. Power cord (rear panel, not shown)** connects 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.



The B-100R is covered with a durable Tolex material: wipe it clean with a lint-free cloth. Never spray cleaning agents onto the cabinet. Avoid abrasive cleansers which could damage the finish.

*El B-100R esta cubierto con un material durable Tolex: limpielo con una toalla seca. Nunca rocíe el gabinete con sustancias limpiadoras. Evite usar materiales abrasivos con los cuales pueda danar el acabado.*

*Le B-100R est couvert avec «Tolex» un revêtement noir et durable. Essuyez cette matière avec une toile propre et sans charpie. Ne pulvérisez jamais les agents de nettoyage sur l'appareil. Evitez les nettoyeurs abrasifs qui peuvent endommager le «Tolex.»*

<p><b>CAUTION</b> 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>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><b>CAUTION:</b> 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>ESTE APARATO HA SIDO DISEÑADO Y CONSTRUÍDO PARA PROVEER ANOS DE OPERACION SEGURA Y CONFIABLE. PARA PROLONGAR LA VIDA DE ESTA UNIDAD E IMPEDIR DANOS ACCIDENTALES POR FAVOR SIGA ESTAS INSTRUCCIONES PREVENTIVAS.</p> <p><b>PRECAUCION:</b> PARA DISMINUIR EL RIESGO DE DESCARGAS ELECTRICAS, (1) NO ABRA LA CUBIERTA, (2) NO ES RECOMENDABLE REMOVER O DESACTIVAR LA PATA DEL POLO A TIERRA DEL CABLE DE CORRIENTE, CONECTE CORRECTAMENTE A UNA TOMA DE CORRIENTE A TIERRA.</p>	<p>CET ÉQUIPEMENT AVAIT ÉTÉ INVENTÉ ET ARRANGÉ POUR POURVOIR DES ANNÉES D'USAGE SAUF ET SÛR. POUR PROLONGER LA VIE DE CET APPAREIL ET POUR EMPÊCHER LES DOMMAGES ET LES TORTS ACCIDENTELS, SUIVEZ LES INSTRUCTIONS DE PRÉCAUTION.</p> <p><b>AVERTISSEMENT:</b> POUR RÉDUIRE LES RISQUES D'ÉLECTROCUTION, (1) N'OUVREZ PAS LE CHÂSSIS, (2) NE PAS ESSAYER DE SUPPRIMER LA BROCHE CORRESPONDANT À LA TERRE.</p>
<p><b>PRECAUCION</b> RIESGO DE CORRIENTAZO NO ABRA</p> <p>PRECAUCION PARA DISMINUIR EL RIESGO DE CORRIENTAZO NO ABRA LA CUBIERTA. NO HAY PIEZAS ADEENTRO QUE EL USUARIO PUEDO REPARAR. DEJE TODO MANTENIMIENTO A LOS TECNICOS CALIFICADOS.</p>	<p><b>WARNING:</b> TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.</p>	<p><b>ADVERTENCIA:</b> PARA EVITAR DESCARGAS ELECTRICAS O PELIGRO DE INCENDIO, NO DEJE ESTE APARATO EXPUESTO A LA LLUVIA O HUMEDAD.</p>	<p><b>ATTENTION:</b> POUR RÉDUIRE LES RISQUES D'UN FEU OU D'ÉLECTROCUTION, N'EXPOSEZ PAS L'APPAREIL À LA PLUIE OU À LA MOÏTEUR.</p>
<p><b>ATTENTION</b> RISQUE D'ELECTROCUTION NE PAS OUVRIIR</p> <p>ATTENTION: POUR RÉDUIRE D'ÉLECTROCUTION NE PAS ENLEVER LE COUVERCLE. AUCUNE PIÈCE INTERNE NEST REPARABLE PAR L'UTILISATEUR. POUR TOUTE RÉPARATION, S'ADRESSER À UN TECHNICIEN QUALIFIÉ.</p>	<p><b>CAUTION:</b> NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	<p><b>PRECAUCION:</b> NO HAY PIEZAS ADEENTRO QUE EL USUARIO PUEDE REPARAR. DEJE TODO MANTENIMIENTO A LOS TECNICOS CALIFICADOS.</p>	<p><b>ATTENTION:</b> IL N'Y A PAS D'ÉLÉMENTS RÉPARABLES DANS L'APPAREIL. CONSULTER UN TECHNICIEN QUALIFIÉ POUR LES RÉPARATIONS.</p>
<p><b>VORSICHT</b> ELEKTRISCHE SCHLÄGGEFAHR NICHT OFFENEN</p> <p>VORSICHT: ZUR MINIMIERUNG ELEKTRISCHER SCHLÄGGEFAHR NICHT DEN DECKEL ABENHMEN. INTERNE TEILE KÖNNEN NICHT VOM BENUTZER GEWARTET WERDEN. DIE WARTUNG IS QUALIFIZIERTEM WARTUNGSPERSONAL ZU ÜBERLASSEN.</p>	<p><b>CAUTION:</b> 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><b>PRECAUCION:</b> NUESTROS AMPLIFICADORES PUEDEN PRODUCIR NIVELES DE PRESION DE SONIDO ALTO. EXPOSICION CONTINUADA A LOS NIVELES DE PRESION DE SONIDO ALTO PUEDE CAUSA DANO PERMANENTE A SU OIDO. ES ACONSEJADO QUE USE PRECAUCION AL USUARIO Y ES RECOMENDADO PROTECCION PARA LOS OIDOS SI LA UNIDAD ES OPERADA A VOLUMEN ALTO.</p>	<p><b>ATTENTION:</b> NOS AMPLIFICATEURS SONT CAPABLES DE LA PRODUCTION DES NIVEAUX DE SON D'UNE HAUTE PRESSION. L'EXPOSITION CONTINUE AUX CES NIVEAUX PEUT CAUSER LA SURDITE PERMANENTE. LA PRUDENCE EST ADVISÉ À UTILISATEUR ET LA PROTECTION DES OREILLES EST RECOMMANDÉ SI L'APPAREIL EST UTILISÉ À UN HAUT NIVEAU DE VOLUME.</p>
<p>EXPLANATION OF GRAPHICAL SYMBOLS: EXPLICACION DE SIMBOLOS GRAFICOS: EXPLICATION DES SYMBOLES GRAPHIQUES:</p>	= "DANGEROUS VOLTAGE" "VOLTAGE PELIGROSO" "DANGER HAUTE TENSION" "GEFAHLICHE SPANNUNG"	= "IT IS NECESSARY FOR THE USER TO REFER TO THE INSTRUCTION MANUAL" "ES NECESARIO QUE EL USUARIO SE REFERA AL MANUAL DE INSTRUCCIONES." "REFERREZ-VOUS AU MANUAL D'UTILISATION" "UNBEDINGT IN DER BEDIENUNGSANLEITUNG NACHSCHLAGEN"	



### **B-100R TECHNICAL SPECIFICATIONS:**

<b>OUTPUT POWER RATING</b>	100 Watts RMS, 4 ohm load, 120 VAC
<b>SIGNAL TO NOISE RATIO</b>	70dB Typical
<b>POWER REQUIREMENTS</b>	Domestic: 2.5A, 100/120 VAC, 60 Hz Export: 1.5A, 230 VAC, 50 Hz
<b>GAIN</b>	57dB
<b>ULTRA LOW</b>	+7dB @ 40Hz
<b>ULTRA MID</b>	-6dB @ 600Hz
<b>ULTRA HIGH</b>	+7dB @ 5kHz
<b>BASS</b>	±12dB @70Hz
<b>LOW MID</b>	±12dB @300Hz
<b>HIGH MID</b>	±11dB @1.5kHz
<b>TREBLE</b>	±14dB @7kHz
<b>SPEAKER SPECS</b>	15", 150 w, 4 ohm, 2.5" voice coil dia., 56 oz. magnet
<b>SIZE AND WEIGHT</b>	19" W x 21.25" H x 14.25" D 65 lbs.

*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.*

*Ampeg continuamente desarrolla nuevos productos, así como también mejora los existentes. Por esta razón, las especificaciones é información incluidos en este manual están sujetos a cambios sin previo aviso.*

*Ampeg développe continuellement des nouveaux produits, ainsi d'améliorer ceux qui existe. Pour cette raison les spécifications et les informations dans ce manuel peuvent se changer sans préavis.*



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