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**Owner's Guide  
for the**



**V-50H Guitar Amplifier**

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Made in the  
**U.S.A.**

by

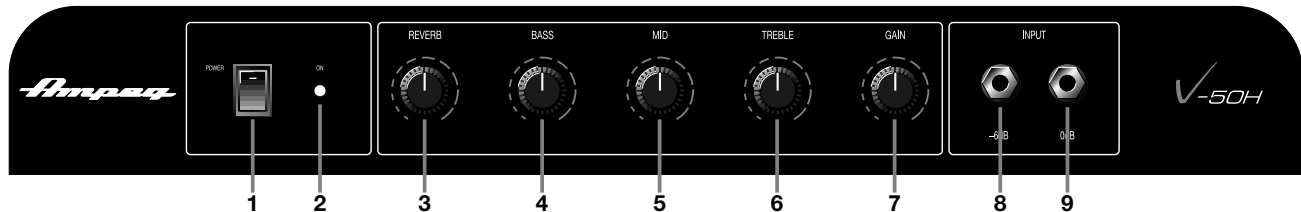




Ampeg

## V-50H Guitar Amplifier

Thank you for choosing Ampeg. In order to obtain the best performance from your new amplifier we recommend you review the information in this owner's guide prior to its use.

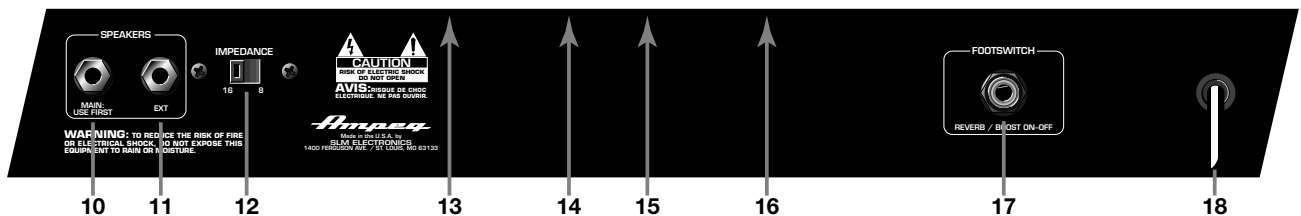


### THE FRONT PANEL:

- 1. Power switch** is used to turn the amplifier on and off.
- 2. Power light** indicates the amplifier is turned on by glowing an iridescent blue color.
- 3. Reverb** controls the amount of reverberation applied to the signal. With the control at the "0" position there is no reverb applied; as the control is turned towards "10" the amount of reverb increases accordingly.

- 4. Bass** adjusts the output level of the low frequencies and offers a cut or boost of 24dB at 50Hz.
- 5. Mid** adjusts the output level of the middle frequencies and offers a cut or boost of 16dB at 800Hz.
- 6. Treble** adjusts the output level of the high frequencies and offers a cut or boost of 12dB at 6kHz.
- 7. Gain** controls the overall output level of the amplifier. At lower volume settings the sound

- will be clean. As you push the volume higher and crank your guitar the sound becomes distorted.
- 8. -6dB Input** accepts a standard 1/4" instrument plug from high output electronic instruments. This input is padded 6dB to compensate for higher output sources.
  - 9. 0dB Input** accepts a standard 1/4" instrument plug from your electric guitar. This input is at 0dB level.



### THE REAR PANEL:

- 10. Main Speaker jack:** Use this jack to connect the amplifier to your speaker cabinet. Always use this jack "first" – if using a second cabinet, connect it to the Extension Speaker jack (#11).
- 11. Ext. Speaker jack:** Use this jack to connect the amplifier to a *second* speaker cabinet – always use the Main Speaker jack (#10) "first."
- 12. Impedance switch:** Use this switch to

- match the amplifier to the TOTAL impedance of your speaker cabinet(s).
- 13. Preamp Tube:** 12AX7A / 7025 (1)
  - 14. Power Amp Phase Splitter Tube:** 12AX7A / 7025 (1)
  - 15,16. Power Tubes:** EL34 / 6CA7 (2)  
Replace tubes ONLY with same types! Refer to enclosed publication about Tubes and Tube Amplifiers for additional information.
  - 17: Footswitch Jack:** Connect the supplied

- footswitch here for control of the Reverb on/off and a switchable 15dB of gain from 250Hz to 8kHz.
- 18: Power cord** 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 V-50H 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 would damage the finish.

*El V-50H 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 V-50H est couvert avec «Tolex» un revêtement noir et durable. Essayez cette matière avec une toile propre et sans charpie. Ne pulvérisez jamais les agents de nettoyage sur l'appareil. Évitez 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><b>WARNING:</b> TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.</p> <p><b>CAUTION:</b> NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</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>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 ELÉCTRICAS: (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><b>ADVERTENCIA:</b> PARA EVITAR DESCARGAS ELÉCTRICAS O PELIGRO DE INCENDIO, NO DEJE ESTE APARATO EXPUESTO A LA LLUVIA O HUMEDAD.</p> <p><b>PRECAUCION:</b> NO HAY PIEZAS ADENTRO QUE EL USUARIO PUEDE REPARAR. DEJE TODO MANTENIMIENTO A LOS TÉCNICOS CALIFICADOS.</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 CAUSAR DAÑO 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>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>ATTENTION:</b> POUR RÉDUIRE LES RISQUES D'UN FEU OU D'ÉLECTROCUTION, N'EXPOSEZ PAS L'APPAREIL À LA PLUIE OU À LA MOITEUR.</p> <p><b>ATTENTION:</b> IL N'Y A PAS D'ÉLÉMENTS RÉPARABLES DANS L'APPAREIL. CONSULTEZ UN TECHNICIEN QUALIFIÉ POUR LES RÉPARATIONS.</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 SURDITÉ 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><b>PRECAUCION</b> RIESGO DE CORRIENTAZO NO ABRA</p> <p>PRECAUCION PARA DISMINUIR EL RIESGO DE CORRIENTAZO NO ABRA LA CUBIERTA. NO HAY PIEZAS ADENTRO QUE EL USUARIO PUEDO REPARAR DE JE TODO MANTENIMIENTO A LOS TECNICOS CALIFICADOS.</p>			
<p><b>ATTENTION</b> RISQUE DELECTROCUTION NE PAS OUVRIR</p> <p>ATTENTION: POUR RÉDUIRE D'ÉLECTROCUTION NE PAS ENLEVER LE COUVERCLE. AUCUNE PIÈCE INTERNE N'EST REPARABLE PAR L'UTILISATEUR. POUR TOUTE RÉPARATION, S'ADRESSER À UN TECHNICIEN QUALIFIÉ.</p>			
<p><b>VORSICHT</b> ELEKTRISCHE SCHLÄGGEFAHR NICHT OFFENEN</p> <p>VORSICHT: ZUR MINIMIERUNG ELEKTRISCHER SCHLÄGGEFAHR NICHT DEN BECKEL ABENHMEN. INTERNE TEILE KONNEN NICHT VOM BENÜTZER GEWARTET WERDEN. DIE WARTUNG IS QUALIFIZIERTEM WARTUNGSPERSONAL ZU ÜBERLASSEN.</p>			
<p>EXPLANATION OF GRAPHICAL SYMBOLS: EXPLICACION DE SIMBOLOS GRAFICOS: EXPLICATION DES SYMBOLES GRAPHIQUES:</p>	<p> = "DANGEROUS VOLTAGE" "VOLTAGE PELIGROSO"  = "DANGER HAUTE TENSION" "GEFAHLICHE SPANNUNG"</p>	<p> = "IT IS NECESSARY FOR THE USER TO REFER TO THE INSTRUCTION MANUAL." "ES NECESARIO QUE EL USUARIO SE REFERIA AL MANUAL DE INSTRUCCIONES." "REFERREZ-VOUS AU MANUAL D'UTILISATION" "UNBEDINGT IN DER BEDIENTUNGSANLEITUNG NACHSCHLÄGEN"</p>	



### V-50H TECHNICAL SPECIFICATIONS:

<b>OUTPUT POWER RATING</b>	50 Watts RMS @ 5 % THD 8 ohm load 120 VAC
<b>SIGNAL TO NOISE RATIO</b>	70dB Typical
<b>POWER REQUIREMENTS</b>	120 VAC, 60Hz, 110VA 100/115 VAC, 50/60Hz, 110VA 230 VAC, 50/60Hz, 110VA
<b>GAIN</b>	69dB
<b>TREBLE</b>	12dB Boost and Cut @ 6kHz
<b>MID</b>	16dB Boost and Cut @ 800Hz
<b>BASS</b>	24dB Boost and Cut @ 50Hz
<b>SIZE AND WEIGHT</b>	29.5" W x 11.5" H x 9" D 34 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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