



# Heritage SVT-410HLF & SVT-810E

**Bass Guitar Cabinets**

Owner's Manual

*Heritage*



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**IMPORTANT SAFETY INSTRUCTIONS**

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Only use attachments/accessories specified by the manufacturer.
10. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
11. This apparatus shall not be exposed to dripping or splashing, and no object filled with liquids, such as vases or beer glasses, shall be placed on the apparatus.

Exposure to extremely high noise levels may cause permanent hearing loss. Individuals vary considerably in susceptibility to noise-induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a period of time. The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the permissible noise level exposures shown in the following chart.

According to OSHA, any exposure in excess of these permissible limits could result in some hearing loss. To ensure against potentially dangerous exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels use hearing protectors while the equipment is in operation. Ear plugs or protectors in the ear canals or over the ears must be worn when operating the equipment in order to prevent permanent hearing loss if exposure is in excess of the limits set forth here:

Duration, per day in hours	Sound Level dBA, Slow Response	Typical Example
8	90	Duo in small club
6	92	
4	95	Subway Train
3	97	
2	100	Very loud classical music
1.5	102	
1	105	The boss screaming at his minions about manual deadlines
0.5	110	
0.25 or less	115	Loudest parts at a rock concert



#### CONSIGNES DE SECURITE IMPORTANTES

- LIRE, SUIVRE TOUTES LES INSTRUCTIONS ET LES PRECAUTIONS D'UTILISATION
- NE PAS UTILISER PROCHE D'UNE SOURCE DE CHALEUR ET NE PAS BLOQUER OU OBSTRUER LE SYSTEME DE VENTILATION SUR CET APPAREIL. POUR UNE UTILISATION CONFORME, CET APPAREIL NECESSITE ENVIRON 7CM D'ESPACE BIEN VENTILE AUTOUR DE SON SYSTEME DE REFROIDISSEMENT, AINSI QU'UN COURANT D'AIR FRAIS CONSTANT
- NE PAS UTILISER CET APPAREIL PROCHE D'UNE SOURCE LIQUIDE
- NETTOYER SEULEMENT A L'AIDE D'UN CHIFFON DOUX ET SEC ET NE PAS UTILISER DE PRODUITS MENAGERS
- CONNECTER UNIQUEMENT LE CABLE D'ALIMENTATION FOURNI SUR UNE PRISE AVEC MISE A LA TERRE, ET COMPATIBLE AVEC LA TENSION, L'INTENSITE ET LA FREQUENCE REQUISES INDIQUEES SUR LA FACE ARRIERE DE L'APPAREIL
- S'ASSURER DE NE PAS MARCHER, PLIER OU TIRER SUR LE CABLE D'ALIMENTATION
- DEBRANCHER L'APPAREIL LORS D'UNE TEMPETE OU LORS D'UNE TRES LONGUE PERIODE DE NON UTILISATION
- UTILISER UNIQUEMENT DES ACCESSOIRES SPECIFIES PAR LE FABRICANT POUR UNE UTILISATION EN TOUTE SECURITE ET POUR EVITER DES BLESSURES
- ATTENTION: AFIN DE PREVENIR TOUT RISQUE DE CHOCS ELECTRIQUES OU DE DEBUT D'INCENDIE, NE PAS EXPOSER CET APPAREIL A LA PLUIE ET A L'HUMIDITE
- TOUT ENTRETIEN DOIT ETRE FAIT PAR UN TECHNICIEN QUALIFIE
- NOS AMPLIFICATEURS PEUVENT PRODUIRE DE TRES HAUTES PRESSIONS ACOUSTIQUES QUI PEUVENT CAUSER DES DOMMAGES AUDITIFS PERMANENTS OU DEFINITIFS. L'UTILISER AVEC UNE GRANDE PRECAUTION EST CONSEILLE ET DES PROTECTIONS AUDITIVES SONT RECOMMANDEES POUR UNE UTILISATION A FORT VOLUME.
- ATTENTION: CET APPAREIL REQUIERT UNE PRISE MURALE AVEC MISE A LA TERRE, AUX NORMES ACTUELLES ET COMPATIBLE AVEC LES SPECIFICATIONS ELECTRIQUES SE TROUVANT EN FACE ARRIERE DE L'APPAREIL. LA PRISE ELECTRIQUE DOIT RESTER ACCESSIBLE POUR DEBRANCHER L'APPAREIL EN CAS DE DEFAUT PENDANT L'UTILISATION
- CET APPAREIL DOIT ETRE DEBRANCHE SI IL N'EST PAS UTILISE

Elimination correcte du produit : Ce symbole indique que ce produit ne doit pas être éliminé avec les ordures ménagères, comme le prévoit la directive WEEE (2002/96/EC) et votre loi nationale.

Ce produit doit être remis à un site de recyclage des déchets électriques et des équipements électroniques (EEE).

Un mauvais recyclage de ce type de déchet peut avoir de possibles impacts négatifs sur l'environnement et la santé humaine dus aux émanations de substances.

Dans un même temps, votre coopération à un recyclage correct de ce produit contribuera à la bonne utilisation des ressources naturelles.

Pour connaître l'endroit où il est possible de recycler ces équipements, merci de contacter votre mairie, les services de recyclages ou le service des déchets ménagers.



**Correct disposal of this product:** This symbol indicates that this product should not be disposed of with your household waste, according to the WEEE directive (2002/96/EC) and your national law. This product should be handed over to an authorized collection site for recycling waste electrical and electronic equipment (EEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, or your household waste disposal service.



## Introduction

Welcome to the world of Ampeg. Whether this is your first experience with Ampeg or you're a well-seasoned player who's been around the globe a few times with our gear, you are taking part in a piece of musical history. From here on out, nothing else will sound the same... everything else will pale in comparison. You are one of the lucky few to take part in a new chapter of an American legacy. Ampeg has come home! Each Heritage Series amplifier and cabinet is designed and assembled right here in the U.S.A. We've heard from bass players around the globe about their dedication and commitment to Ampeg and the Heritage Series is made specifically for those players. Just our way of saying thank you and letting you know that we heard you loud and clear.

Ampeg is the standard by which all others are measured. We've been pounding bass player's chests and audience's booties for over 60 years now and we're not going to slow down anytime soon. From our early days of building "amplified pegs" for upright players to building the world famous, stadium rattling SVT, Ampeg has been *the* choice for bassists, from touring professionals to weekend warriors and everyone in between. We were the first ones on the block listening and building gear for bass players. Heck, even our company's founding fathers were working, gigging players. When they weren't tinkering around the shop on new ideas, they were out in the clubs of New York earning their living. Not much has changed since then.

The average length of a hit song is 3 minutes and 40 seconds. We have been a part of most of those hits for over 60 years. Now that you own a piece of Ampeg history, we want to be a part of your next hit.

On a personal note, the team at Ampeg would sincerely like to thank you for your support and dedication to our mission in bringing you some of the best amps and cabs the world has known.

Best of luck in all of your musical endeavors!

Sincerely,

The dedicated team at Ampeg



## **Eminence Speakers**

There are some relationships that go hand in hand in the music business. When it comes to building amplifiers and cabinets, nothing is more suited than the relation between Ampeg and Eminence Speakers. Ampeg commissioned Eminence Speakers decades ago to build one of the first 18" speakers used in an Ampeg amplifier. We've been calling on Eminence ever since to custom build speakers used in some of our most famous models. From the SVT-410HLF and stadium rattling SVT-810E to the latest Heritage and Pro Neo Series, Eminence is at the heart and soul of our most loved cabinets! It's no secret what goes into building a great cabinet: innovative designs, superb materials and world class components.

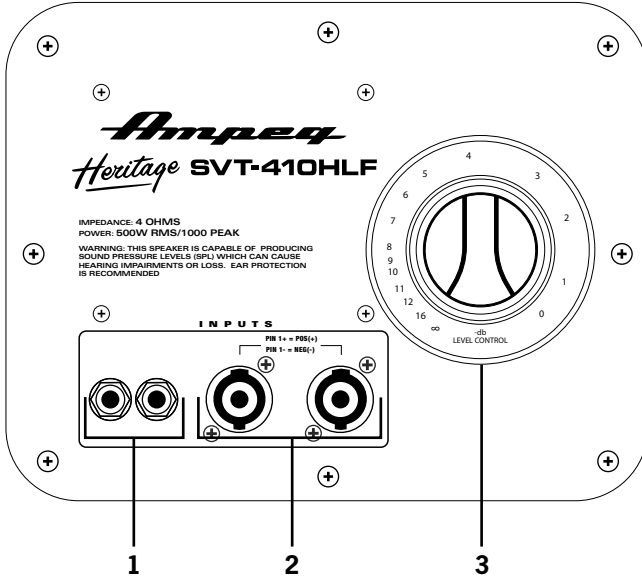


## **Impedance: The Golden Rule**

When it comes to tube amps, be sure that the output impedance of the amplifier matches the total impedance of the speaker cabinet or cabinets.

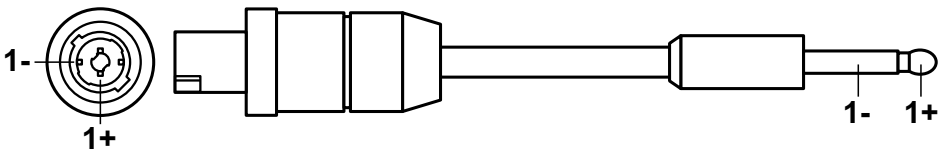


SVT-410HLF Jackplate



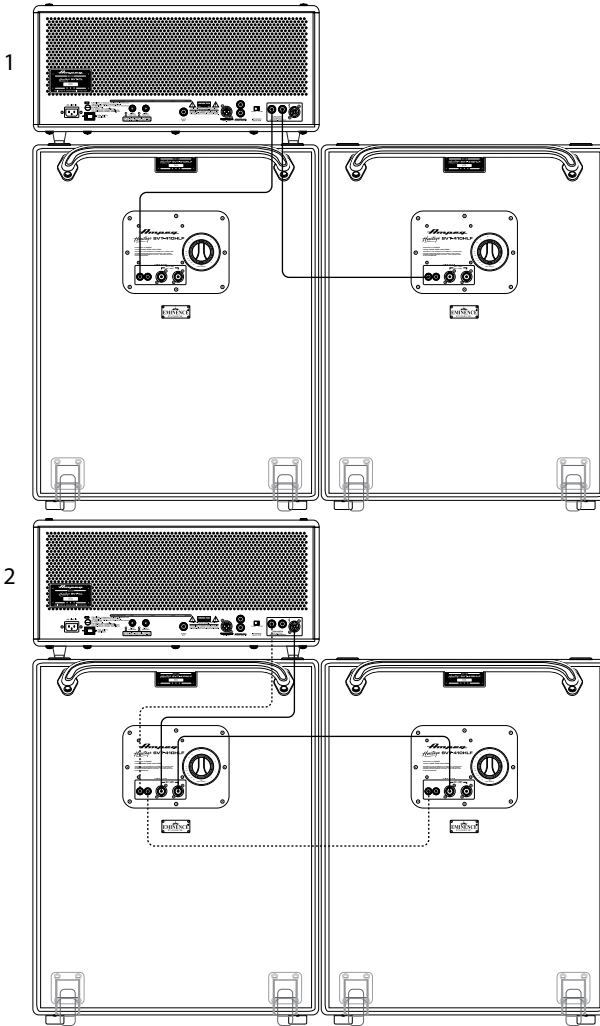
- 1: 1/4" Input / Output Jacks
- 2: Speakon® Input / Output Jacks
- 3: High Frequency Horn Level Control

Speakon® to 1/4" Wiring Diagram:





## SVT-410HLF Suggested Hookup Diagrams



In the first example, a speaker cable with 1/4" ends connects from one speaker output of the amplifier to the speaker input of the Ampeg Heritage SVT-410HLF cabinet. An additional cabinet may be connected by attaching another speaker cable from the remaining 1/4" speaker output of the amplifier to a speaker input of the next cabinet.

The second example is not as common, but it also works. Plus, it is great for daisy-chaining multiple cabinets. You may connect a speaker cable with 1/4" or Speakon® ends from one speaker output of the amplifier to the speaker input of the Ampeg Heritage SVT-410HLF cabinet. An additional cabinet may be connected by attaching another speaker cable from an open jack (thru) to the input jack of the next cabinet. Multiple cabinets may be daisy-chained this way.

**WARNING:** Always use good quality (non-shielded) speaker cables. Never use (shielded) instrument cables to connect speakers to an amplifier. Also, do not use both cable routes listed in example #2 above. Use one route or the other, but not both!

**Heritage SVT-410HLF TECHNICAL SPECIFICATIONS**

Type	4x10 Bass Enclosure
Frequency Response (+/-3 dB)	48 Hz – 18 kHz
Usable Low Frequency (-10 dB)	28 Hz
RMS Power Handling	500 watts
Peak Power Handling	1000 watts
Impedance	4 ohms
Sensitivity	98 dB SPL 1w/1m
Maximum SPL	125 dB
Components	4 Custom Designed Eminence 125 watt 10" speakers 1 Eminence HF Driver
Size (H x W x D)	24.0 in/610 mm (with feet) x 30.0 in/762 mm x 19.0 in/483 mm
Weight	76 lb/34.47 kg (approximately)

Speakon® is a registered TM of Neutrik AG  
Eminence® is a registered TM

**The Heritage SVT-410HLF is covered with a durable fabric-backed vinyl material. Clean with a dry lint-free cloth. Never spray cleaning agents on the Heritage SVT-410HLF. Avoid abrasive cleansers which would damage the finish.**

*Ampeg continually develops new products and improves upon existing ones. For this reason, the specifications and information in this manual are subject to change without notice.*

*"Ampeg" is a registered trademark of Yamaha Guitar Group, Inc. All other brand names mentioned are trademarks or registered trademarks of their respective holders and are hereby acknowledged.*

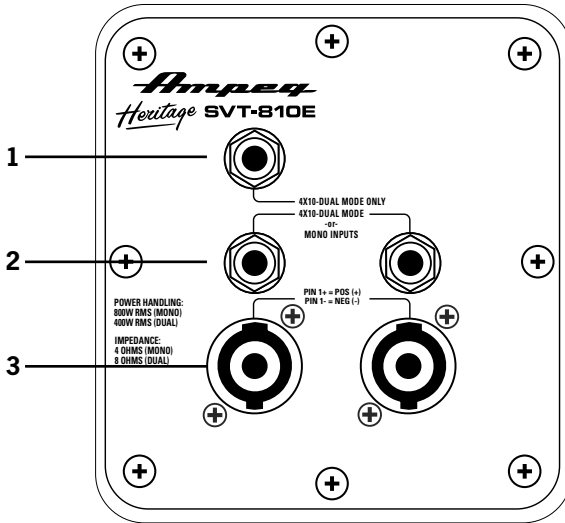
**Service Information**

If you are having a problem with your Heritage SVT-410HLF cabinet, you can go to our website ([www.ampeg.com](http://www.ampeg.com)) and click on Support for service information, or call Technical Support at 1-818-575-3600 Monday-Friday during normal business hours, PST, to receive assistance. If you are outside of the U.S., contact your local distributor for technical support and service.





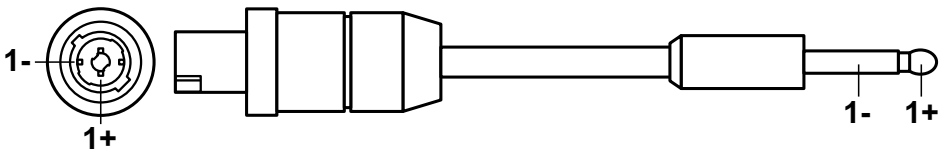
SVT-810E Jackplate



- 1: 1/4" Upper 4x10 Dual Mode Input Jack
- 2: 1/4" Lower 4x10 Dual Mode or Mono Mode Input / Output Jacks
- 3: Speakon® Lower 4x10 Dual Mode or Mono Mode Input / Output Jacks

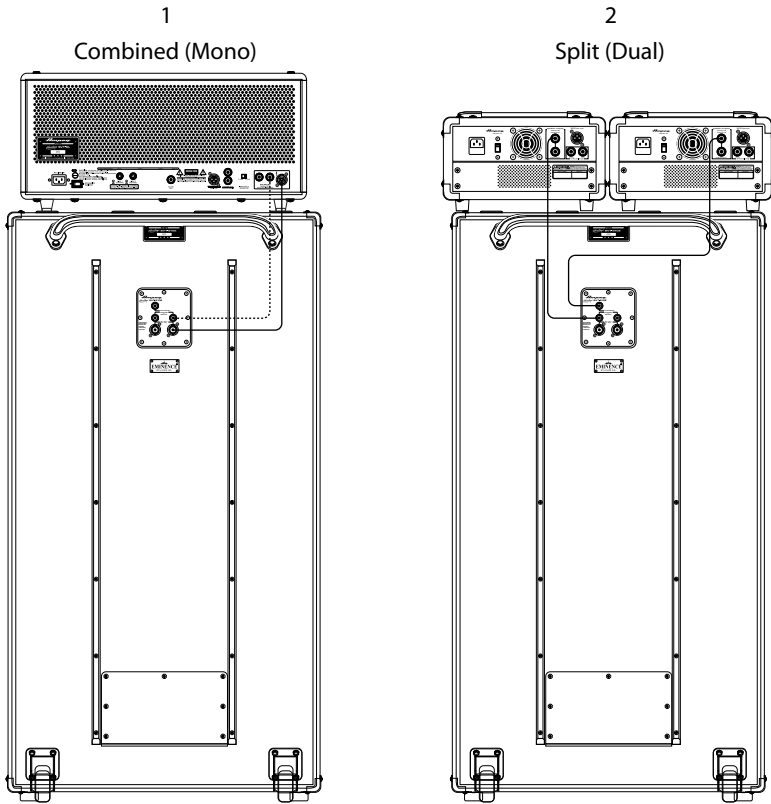
The cabinet operates in Dual Mode whenever a connector is inserted into the 1/4" Upper 4x10 Dual Mode input jack [1]. Otherwise, the cabinet operates in the single 8x10 Mono Mode.

**Speakon® to 1/4" Wiring Diagram:**





## SVT-810E Suggested Hookup Diagrams



In the first example, a speaker cable with 1/4" or Speakon® ends connects from the speaker output of the amplifier to the speaker input of the Ampeg Heritage SVT-810E cabinet.

In example number two, a speaker cable with 1/4" ends connects from the speaker output of the amplifier to the speaker input of the Ampeg Heritage SVT-810E cabinet. An additional speaker cable with 1/4" ends connects from the speaker output of another amplifier to the speaker input of the Ampeg Heritage SVT-810E cabinet's 1/4" Upper 4x10 Dual Mode Input Jack. This allows two amplifiers to separately drive each 4x10 section of the full cabinet.

**WARNING:** Always use good quality (non-shielded) speaker cables. Never use (shielded) instrument cables to connect speakers to an amplifier. Also, do not use both cable routes in the first example listed above. Use one route or the other, but not both!



## Heritage SVT-810E TECHNICAL SPECIFICATIONS

Type	8x10 / Dual 4x10 Bass Enclosure
Frequency Response (+/-3 dB)	58 Hz – 5 kHz
Usable Low Frequency (-10 dB)	40 Hz
RMS Power Handling	Combined / Mono Mode: 800 watts 8x10 Split / Dual Mode: 400 watts each 4x10
Peak Power Handling	Combined / Mono Mode: 1600 watts 8x10 Split / Dual Mode: 800 watts each 4x10
Impedance	Combined / Mono Mode: 4 ohms 8x10 Split: 8 ohms each 4x10
Sensitivity	Combined / Mono Mode: 100 dB SPL 1w/1m
Maximum SPL	130 dB
Components	8 Custom Designed Eminence 100 watt 10" speakers
Size (H x W x D)	48.0 in/1219 mm (with feet) x 26.0 in/660 mm x 16.0 in/406 mm
Weight	137 lb/62.14 kg (approximately)

Speakon® is a registered TM of Neutrik AG  
Eminence® is a registered TM

**The Heritage SVT-810E is covered with a durable fabric-backed vinyl material. Clean with a dry lint-free cloth. Never spray cleaning agents on the Heritage SVT-810E. Avoid abrasive cleansers which would damage the finish.**

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Heritage  
2VT-810E



EMINENCE  
INSIDE

**Heritage**  
**2VT-410HLF**  
**& 2VT-810E**  
**Bass Guitar Cabinets**

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