

Ampeg

**GVT112E &
GVT112EW**

Guitar Speaker Enclosures



— OWNER'S MANUAL —

TABLE OF CONTENTS

Important Safety Instructions	2
Introduction / Special Features	3
The Rear Panel	4
Hookup Diagrams	5
Block Diagram	6
Technical Specifications / Service Information.....	7

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. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
11. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, 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.
12. 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 the minions about manual deadlines
0.5	110	
0.25 or less	115	Loudest parts at a rock concert

WARNING — To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.



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

Ampeg has a history of delivering pure all-tube tone for over 60 years. During that time we've made great friends and damaged some ear drums. We've seen it all, lived it all and lived to talk about it. The backbone of American Rock is back. Become a part of the American tone invasion with the all-new Ampeg GVT Series that will set you apart from the rest. Are you ready to experience the taste, smell and tone that is American Rock? Buckle your seat belt, plug in, turn on and turn up. It's time to make history!

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

Special Features

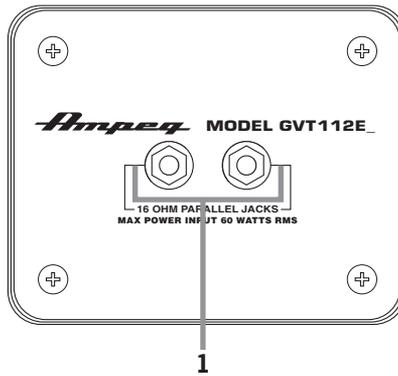
GVT112E:

- 1 x 12" sealed guitar speaker enclosure.
This cabinet is the perfect complement to the GVT15-112, GVT15H or GVT5H.
- Power Handling: 60W
- Impedance Rating: 16 Ω
- Max SPL: 118 dB SPL @ 1 m
- Sensitivity: 100 dB @ 1 W @ 1 m
- Vintage 30 Celestion Speaker
- Dual Parallel Speaker Jacks
- Heritage trim: black-line face plate, black sparkle grille cloth and black Tolex
- Cabinet Construction: Void-Free 15 mm thick plywood
- Cabinet Dimensions: 16.5 in / 420 mm (with feet) x 18.0 in / 457 mm x 11.0 in / 280 mm :
handle adds 0.75 in / 19 mm to H
- Handling Weight: 30.8 lb / 14 kg (approximately)

GVT112EW:

- 1 x 12" sealed guitar speaker enclosure with legendary Portaflex double baffle design. This cabinet is the perfect complement to the GVT52-112, GVT15H or GVT5H.
- Power Handling: 60W
- Impedance Rating: 16 Ω
- Max SPL: 118 dB SPL @ 1 m
- Sensitivity: 100 dB @ 1 W @ 1 m
- Vintage 30 Celestion Speaker
- Dual Parallel Speaker Jacks
- Heritage trim: black-line face plate, black sparkle grille cloth and black Tolex
- Cabinet Construction: Void-Free 15 mm thick plywood
- Cabinet Dimensions: 16.5 in / 420 mm (with feet) x 24.0 in / 610 mm x 11.0 in / 280 mm :
handle adds 0.75 in / 19 mm to H
- Handling Weight: 37.8 lb / 17.1 kg (approximately)

The Rear Panel



WARNING! Never turn on or use the amplifier without a load or speaker connected to the amplifier.

ALWAYS use a good quality (non-shielded) speaker cable. Never use (shielded) instrument cable.

ALWAYS match the amplifier's speaker output impedance to the impedance of the speaker that is being used. Use *only one type impedance output at a time*. If more than one speaker is connected at the same time, make sure they all have the same impedance rating. Never use two or more cabinets with different impedance ratings. This will create an unbalanced load. When using multiple speaker cabinets (with the same impedance rating), match the total load impedance of the speaker cabinets to the speaker output of the amplifier.

SPEAKER CABINET IMPEDANCE divided by NUMBER OF CABINETS = TOTAL LOAD

16 Ω cabs with parallel inputs / 4 cabs = 4 Ω load. For this application use 4 Ω output jacks.

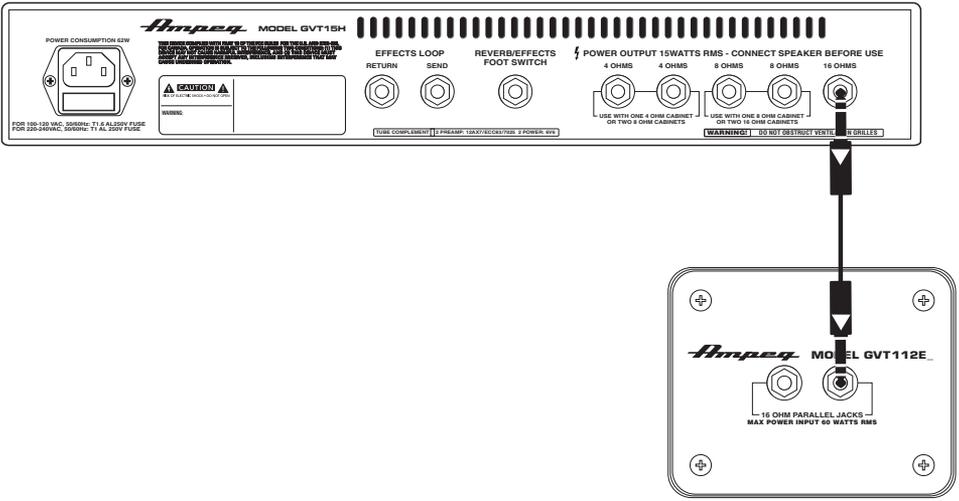
16 Ω cabs / 2 cabs = 8 Ω load. For this application use the 8 Ω speaker jacks.

16 Ω cab / 1 cab = 16 Ω load. For this application use the 16 Ω speaker jack.

- 1. 16 OHM PARALLEL JACKS:** Connect the output of the amplifier (rated up to 60W into 16 Ω) to one of these jacks using good quality (non-shielded) speaker cable.

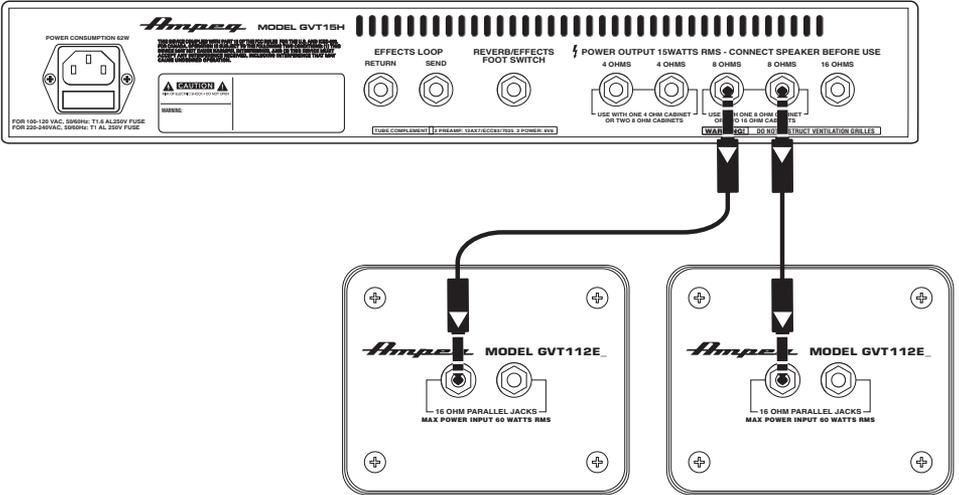
The other jack may be used to connect additional Ampeg GVT112E and/or Ampeg GVT112EW speaker enclosures in parallel. See the following pages for some examples.

Hookup Diagrams



This is a pretty common setup. A speaker cable with 1/4" ends connects from the 16 Ω speaker output of the amplifier [Ampeg GVT15H shown] to one of the speaker inputs [both inputs are 16 Ω each] of the Ampeg GVT112E or GVT112EW speaker enclosure.

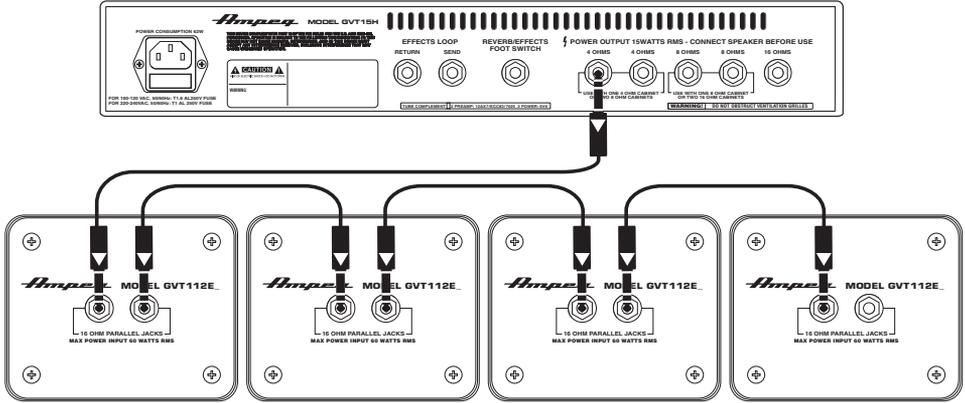
WARNING: Always use good quality (non-shielded) speaker cables. Never use (shielded) instrument cables to connect speakers to an amplifier.



In this example, speaker cables with 1/4" ends connect from each 8 Ω speaker output of the amplifier [Ampeg GVT15H shown] to one of the speaker inputs of each Ampeg GVT112E and/or GVT112EW speaker enclosures.

WARNING: Always use good quality (non-shielded) speaker cables. Never use (shielded) instrument cables to connect speakers to an amplifier.

Hookup Diagrams continued...



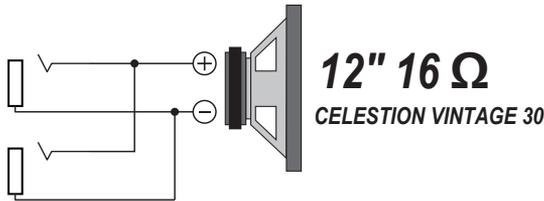
This example shows how to daisy-chain multiple speaker enclosures. Connect one end of a speaker cable with 1/4" ends to the 4 Ω speaker output of the amplifier [Ampeg GVT15H shown] and the other end to the speaker input of the first Ampeg GVT112E or GVT112EW speaker enclosure.

An additional speaker cable will connect to the remaining 1/4" jack of the first speaker enclosure and to the input of the next speaker enclosure. Up to four Ampeg speaker enclosures may be daisy-chained together as seen in the illustration above.

To reiterate: If more than one speaker is connected at the same time, make sure they all have the same impedance rating. Never use two or more cabinets with different impedance ratings. This will create an unbalanced load. When using multiple speaker cabinets (with the same impedance rating), match the total load impedance of the speaker cabinets to the speaker output of the amplifier.

WARNING: Always use good quality (non-shielded) speaker cables. Never use (shielded) instrument cables to connect speakers to an amplifier.

Block Diagram



TECHNICAL SPECIFICATIONS

Max SPL	118 dB SPL @ 1 m
Sensitivity	100 dB @ 1 W @ 1 m
Impedance	16 Ω
Output Power Rating	60 watts rms
Speaker Specifications	1 x 12" Vintage 30 Celestion Speaker [GVT112E] 1 x 12" Vintage 30 Celestion Speaker w/legendary Portaflex double baffle design [GVT112EW]
Inputs	2 x 1/4" parallel jacks
Size (H x W x D)	16.5 in / 420 mm (with feet) x 18.0 in / 457 mm x 11.0 in / 280 mm [GVT112E] 16.5 in / 420 mm (with feet) x 24.0 in / 610 mm x 11.0 in / 280 mm [GVT112EW] Handle adds 0.75 in / 19 mm to H [BOTH]
Weight	30.8 lb / 14 kg (approximately) [GVT112E] 37.8 lb / 17.1 kg (approximately) [GVT112EW]

The GVT112E and GVT112EW are covered with a durable fabric-backed vinyl material. Clean with a dry lint-free cloth. Never spray cleaning agents on the GVT112E or GVT112EW. 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.

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Service Information

If there is a problem with the GVT112E or GVT112EW speaker enclosure, please visit our website (www.ameg.com) and click on Support for service information, or call Technical Support at 1-800-898-3211 Monday – Friday during normal business hours, Pacific Time, to receive assistance. GVT112E and GVT112EW owners outside of the U.S., contact the local distributor for technical support and service.

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GVT112E & GVT115EW

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