

Ampeg®

VENTURE

**VB-112, VB-115, VB-210, VB-212, VB-410 & VB-88
Speaker Cabinets**



OWNER'S MANUAL



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**Supplier's Declaration of Conformity
47 CFR § 2.1077 Compliance Information**

Unique Identifiers: Ampeg® Venture® VB-112, VB-115, VB-210, VB-212, VB-410, & VB-88 speaker cabinets

Responsible Party - U.S. Contact Information:

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FCC Compliance Statement:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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The Model and Serial numbers can be found on the product label. Please record these numbers below and retain this document for your records.

Model Number: _____

Serial Number: _____

What's in the Box

Ampeg® Venture® VB-112, VB-115, VB-210, VB-212, VB-410, or VB-88 Speaker Cabinet, and *Quick Start Guide*.

Introduction

Welcome to Venture by Ampeg, the exciting new series of bass heads and cabinets from the number one trusted brand in bass amplification. The Venture series brings to the modern bass player a whole new level of innovation and technology never-before-seen from Ampeg. Venture is the culmination of years of research, development and, quite frankly, asking YOU, the modern bass player, what you seek for bass amplification.

Venture represents a significant step into the future of Ampeg amplification while also carrying the lineage and DNA of the brand's 70-plus year history. From all of us at Ampeg, we thank you for taking this Venture with us!

In order to get the most out of your new amplifier, please fully read this **Owner's Manual**, as well as the **Important Safety Instructions** included with your Venture series speaker cabinet, before you begin playing.

Features

- **Superior Tone**
 - Custom-voiced Lavoce® neodymium woofers and high-frequency drivers
- **Pro-Grade Flexibility**
 - Super-lightweight cabinet construction
 - 3-way switchable L-pad attenuator
 - Neutrik® NL2 speakON® connectors
- **Modern Styling**
 - Black carbon fiber tolex
 - Black Venture grille cloth with gray piping
 - Matte black metal corners & modern Ampeg "clamshell" only logo

Getting Started

Please follow these steps to begin using a Venture speaker cabinet with your amplifier.

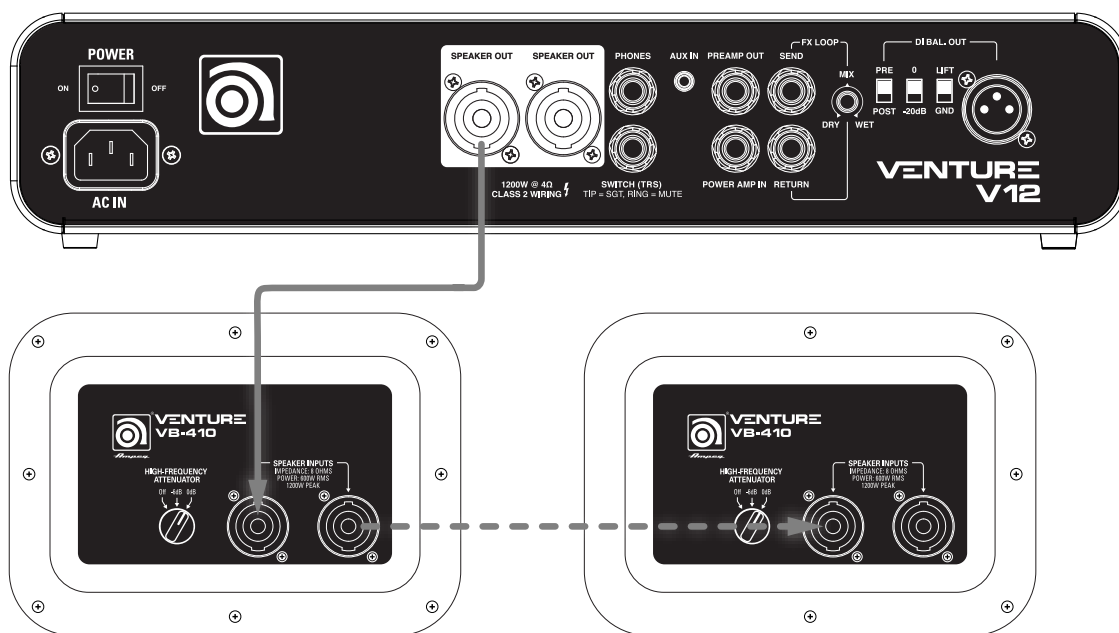
1. Read and understand the included *Important Safety Instructions*.
2. Make sure your amplifier's Power switch is off before making any connections. Connect your Venture speaker cabinet(s) to your amplifier as illustrated on the following pages. Always use unsheilded speaker cables for connections between your amplifier and Venture speaker cabinet.
3. Insert the included line cord securely into the amplifier's IEC connector. Plug the line cord into a grounded AC outlet. The amplifier will accept the appropriate voltage as indicated on the rear panel.
4. Connect an instrument to the amplifier's Input jack with a 1/4" (shielded) instrument cable.
5. With all controls fully off, turn the amplifier on by flipping the Power switch to "On."
6. While playing the instrument, adjust the Volume knob to the preferred level.
7. Adjust the EQ knobs and switches to taste.

Hookup Examples

! IMPORTANT: More than one Venture VB-88 speaker cabinet should not be connected to a Venture amplifier in a parallel configuration. The following examples are parallel connections which will result in a 2 Ohm total load with two VB-88 cabinets. All other Venture speaker cabinet models can be connected in parallel—see [page 5](#).

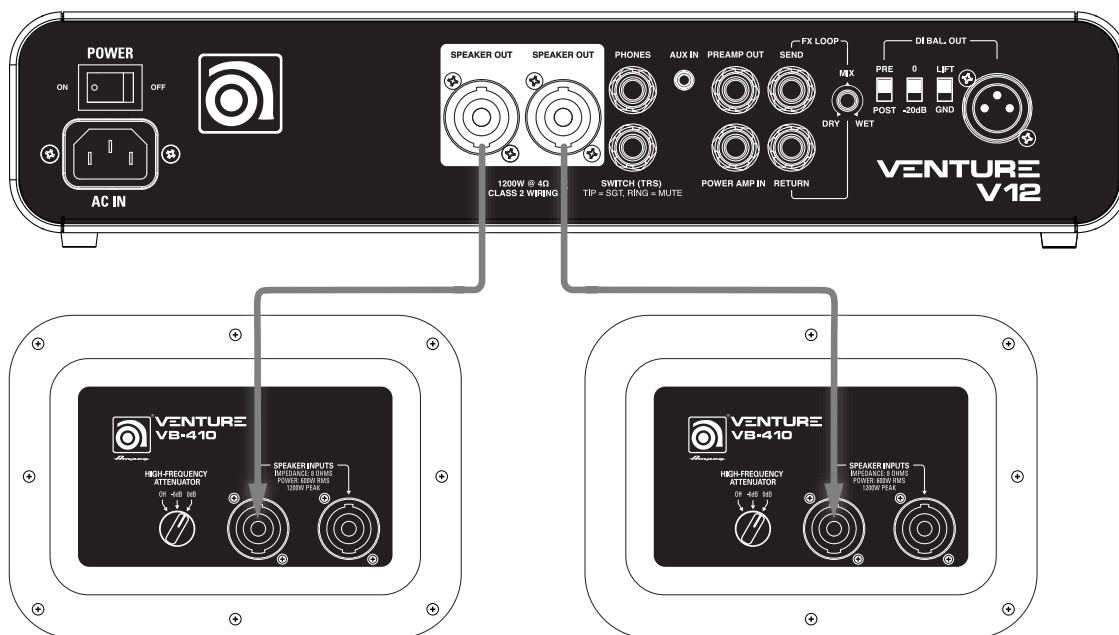
Use unshielded speaker cables for all connections between your amplifier and Venture speaker cabinets. Use same impedance cabinets when using more than one cabinet in daisy-chain or parallel setups.

Standard / Daisy-Chain Setup

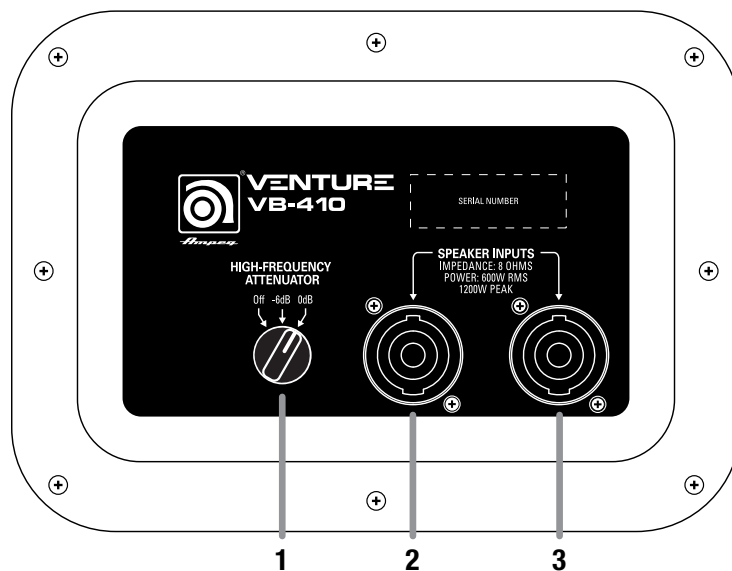


Parallel Setup

The Venture V7 and V12 amplifiers offer two Speaker Out jacks, allowing for the following parallel configuration. A parallel configuration is possible with the Venture V3 amplifier by using the Daisy-Chain setup shown above.



Rear Panel Options



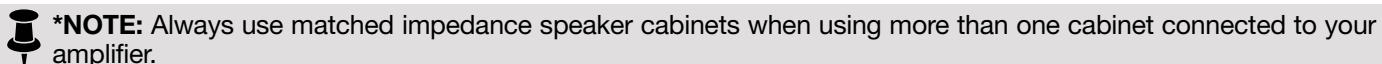
The Venture VB-410 Rear Panel

Rear Panel Descriptions

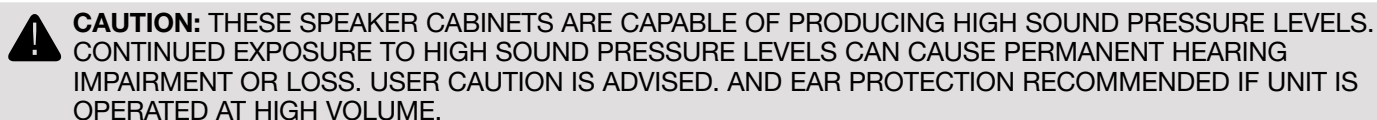
The rear panel features and following descriptions are common for all Venture speaker cabinets, other than where noted.

1. **High-Frequency Horn Level Control / Attenuator:** All Venture cabs include a high-frequency compression driver. The High-Frequency Attenuator three-position switch allows you to adjust the driver's level (-6 dB or 0 dB) or bypass it (Off).
2. **Speaker Inputs:** All Venture cabinets include two Neutrik speakON - 1/4" combination jacks. It is preferred to use the speakON cable connection between your amplifier and cabinet, where possible, due to the secure locking connection and superior high-current, low-noise performance. These inputs will accept both the speakOn NL2 and NL4 configurations. You can optionally use a standard unshielded, 1/4" TS cable connection. Connect the speaker-level output of your amplifier to the cabinet's Speaker Input jack. Either of the cabinet's jacks may be used as a single input or as a "thru" connection to connect an additional cabinet.

The two Speaker Input jacks are wired in parallel.* If you're connecting thru to a second cabinet, make sure the total speaker impedance load is 4 Ohms or greater. For example, using a parallel connection, you could connect two 8 Ohm speaker cabinets, resulting in a 4 Ohm total load. But you should **not** connect two 4 Ohm cabinets in parallel, since it results in a 2 Ohm total load.

 ***NOTE:** Always use matched impedance speaker cabinets when using more than one cabinet connected to your amplifier.

Please also see the *Ampeg Venture Amplifiers Owner's Manual*, available at ampeg.com/support/manuals/, or the user documentation for your amplifier that you are connecting to a Venture speaker cabinet.

 **CAUTION:** THESE SPEAKER CABINETS 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 RECOMMENDED IF UNIT IS OPERATED AT HIGH VOLUME.

Technical Specifications

FEATURE	VB-112	VB-115	VB-210	VB-212	VB-410	VB-88
Power Handling (RMS AES)	250W	250W	300W	500W	600W	800W
Peak Power	500W	500W	600W	1000W	1200W	1600W
Impedance	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	4 Ω
Frequency Response (- 3 dB range)	38Hz - 17.4kHz	30Hz - 17.4kHz	39Hz - 17.4kHz	39Hz - 17.4kHz	28Hz - 17.4kHz	28Hz - 17.4kHz
LF drivers	1 x 12"	1 x 15"	2 x 10"	2 x 12"	4 x 10"	8 x 8"
HF horn	80° conical					
Sensitivity	99 dB 1W/m	99 dB 1W/m	98.5 dB 1W/m	101 dB 1W/m	99 dB 1W/m	102 dB 1W/m
Maximum SPL (2 Meter distance)	124.2 dB	127.3 dB	124.3 dB	131.7 dB	131.5 dB	132 dB
Inputs/Outputs	Two NL2 speakON - 1/4" combination jacks					
Orientation	Vertical or horizontal	Vertical	Vertical or horizontal	Vertical or horizontal	Vertical	Vertical
Size (HxWxD) Not including rubber feet	15.0x22.8x17.3 in 381x578x439 mm	22.8x22.8x17.5 in 578x578x445 mm	16.1x22.8x17.3 in 410x578x439 mm	31.1x19.1x17.3 in 790x485x439 mm	25.7x22.8x17.5 in 654x578x445 mm	45.1x20.1x15.2 in 1,145x511x385 mm
Weight	26.5 lbs 12 kg	34 lbs 15.4 kg	28 lbs 12.7 kg	40 lbs 18.1 kg	42 lbs 19 kg	65 lbs 29.5 kg

All specifications are subject to change.

Cleaning Your Venture Cabinet

The Venture cabs are covered with a durable fabric-backed vinyl material. Clean with a dry, lint-free cloth. Never spray cleaning agents on your Venture cabinet. Avoid abrasive cleansers which would damage the finish.



Warranty and Support

Visit WWW.AMPEG.COM to...

- (1) ...identify **WARRANTY** coverage provided in your local market. Please keep your sales receipt in a safe place.
- (2) ...retrieve a full-version, printable **OWNER'S MANUAL** (English only) for your product.
- (3) ...**REGISTER** your product.
- (4) ...**CONTACT** Technical Support, or call 818-575-3600.

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