

Henriksen

JazzAmp™

JazzAmp  
310/312

Owners Manual



# Henriksen Amplifiers

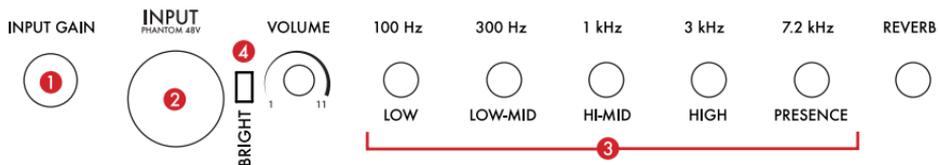
Thank you for purchasing your Henriksen Amplifier, we hope you enjoy playing it as much as we enjoyed building it!

Since 2006 our mission has been to empower the working musician by creating truly gig-able amplification solutions which are extremely portable, durable, versatile in function and have the highest possible tonal quality. We accomplish this by manufacturing all products ourselves; choosing to locally source all possible materials, auditing and inspecting every component and individually play testing every single amplifier before we ship it. We will neither build nor sell anything you cannot rely on at the professional level, and we take as much pride in our customer service as we do in our products. Please always feel free to contact us with any questions, comments, or a shop tour if you're in the Denver area, and thank you again for your business.

A stylized, handwritten signature in black ink, appearing to read 'P. Henriksen', with a long horizontal flourish extending to the right.

Peter Henriksen, President

# JazzAmp



## INPUT GAIN ①

The input gain control is to accommodate a variety of instrument outputs. In the 12:00 position, the input gain is where you want it for most magnetic pickup systems. For higher output pickups, active pickups, mics or effect devices, you can adjust the input gain down so the preamp is not overloaded. For lower output devices such as piezoelectric transducers, you can adjust the input gain up. The input gain control setting should be experimented with in concert with the volume control setting on your instrument and each instrument will be different so start with the control at 12:00 and grow from there.

## INPUT JACK ②

The JazzAmp has a 1/4"/XLR combo INPUT jack on each channel. This jack may be used to plug in a standard 1/4" instrument cable or an XLR cable. The XLR is unswitched 48-volt phantom powered, so refer to the device manufacturer to confirm compatibility.

### 5-BAND EQUALIZER 3

When it comes to the EQ controls, a little goes a long way so it's best to start off with them all set to the 12:00 position. The EQ is set up from LOW (100Hz) to HIGH (10kHz). If you are new to using an equalizer, think of each EQ control as a volume knob that only affects the volume level of its designated frequency range. In simplest terms, the 100Hz control is a volume knob for your low E and A string, the 300Hz control is a volume knob for the middle range of the guitar, the 1kHz for the upper range, and the 3kHz and 10kHz is for the harmonic overtones and the tweeter frequencies. The sound will vary from room to room, and you should experiment with having the amp on the floor, tilted back, and up on a stand to find the best sound.

### BRIGHT SWITCH 4

When turned on, the bright switch increases the higher frequencies of the signal before going to the EQ. Note: If the input gain is set to 9:00 or below, the bright switch will have little effect.



## LINE OUT 5

The LINE OUT is both channels, post-EQ and post-reverb, and provides a balanced, low impedance signal for use with mixing boards, PA systems, or recording.

## HEADPHONE JACK 6

The HEADPHONE jack will defeat the main speaker (but not the extension speaker output) and is post-EQ and post-reverb. CAUTION: Listening to headphones at high volumes can cause permanent hearing loss.

## EXTENSION SPEAKERS 7

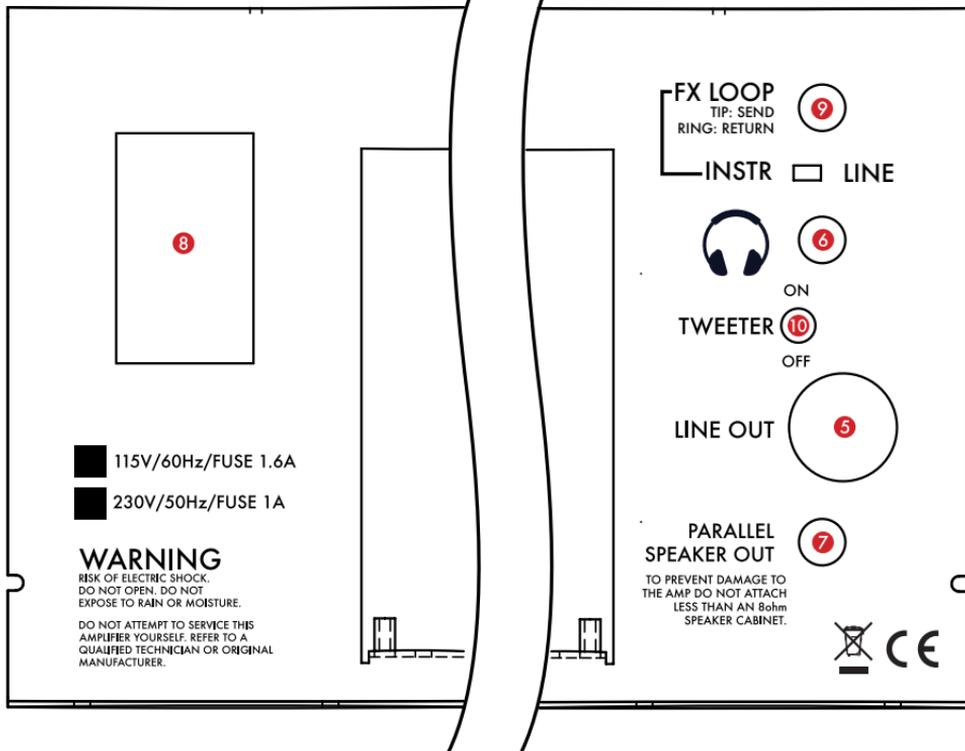
You can connect a second speaker cabinet to your JazzAmp. This does not disconnect the internal speaker, and any extension cabinet must be a minimum of 8 ohms and able to handle over 100 watts. DO NOT CONNECT OR DISCONNECT AN EXTENSION SPEAKER WHILE THE AMPLIFIER IS ON.

## POWER AND FUSES 8

Your amplifier is factory set to either 115 volt or 230 volt power depending on which country was originally shipped to. The voltage can be changed internally, please contact Henriksen, Inc. or your dealer for specific instructions. For 230 volt amps, fuse should be a 1A250V Slow Blow. For 115 volt amps, the fuse should be a 1.6A250V Slow Blow.

## FX LOOPS 9

The FX loops send the signal from the amp post-EQ and return it pre-reverb. (FX Loop detail on page 5)



## TWEETER DEFEAT SWITCH 10

The tweeter is connected via a high-pass filter, using this switch allows you to toggle the tweeter on and off without changing the sound coming through the main driver.

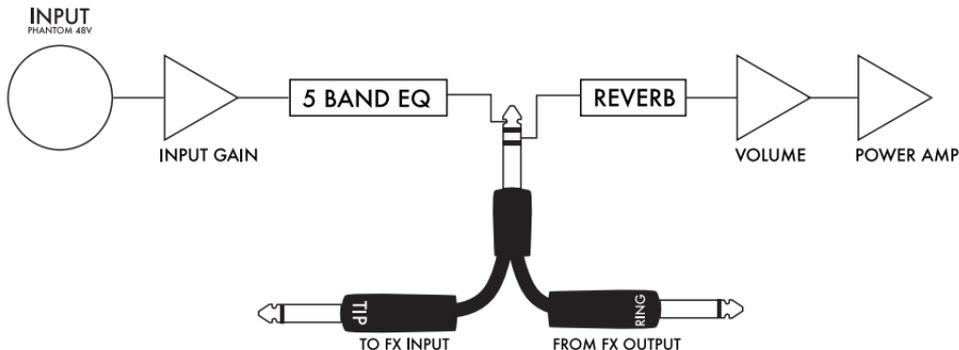
## FX LOOPS (CONT)

There is a switch to send level from +4db line level to -10db instrument level, most devices will work best with the switch set to line level.



The jack is a Tip/Ring/Sleeve type, where the tip is the send and the ring is the return.

To use the FX loop you will need a send/return Y-cable.



## WARRANTY

(Please take a moment to register at [www.henriksenamplifiers.com/register](http://www.henriksenamplifiers.com/register)). Our 2-year warranty covers repairs not caused by abuse. Henriksen, Inc. or a licensed repair shop must complete all repairs. Contact your dealer or Henriksen, Inc. directly for service.

## ACCESSORIES FOR THE JazzAmp

### Heavy Duty, Premium JazzAmp 310 or 312 Gig Bag

Gig bags for your JazzAmp 310 and 312 (or older models) with shoulder strap and oversized pocket large enough for a Real Book, cables and a pedal or two.



### FX Loop TRS send/return Y-cable

Since we upgraded the JazzAmp lines to have TRS effect loops, we have had so many people ask where they can find a Y-split cable to use it with that we just decided to sell them ourselves. These are 10' long snake cables, with 2' of Y-split on the send and return sides.



### Professional Instrument Cable 10 ft. Neutrik Gold with 90 degree Silent Plug

High quality, hand built instrument cables with a LIFETIME GUARANTEE. Made with the same components as the more expensive brands, but at factory direct pricing!



ALSO AVAILABLE FORM HENRIKSEN AMPLIFIERS

# The Bud



- 120 watts
- 17 lbs
- 9"x9"x9"
- 1/8" aux. input
- Dual channel, each with independent 5-band EQ and reverb, 48 volt phantom powered XLR/1/4" combo inputs, and input gain control
- TRS send/return FX loops for each channel with instrument/line level select
- Channel 2 bright switch
- XLR balanced line out (post EQ and reverb, both channels).
- 6.5" Eminence Beta 6 speaker with special fluid-cooled, high-yield neodymium tweeter (defeat-able)
- Ext. speaker out
- Headphone jack
- Tweeter defeat switch

The Bud packs incredible tone, plenty of real power and all the features you need into a 9"x9"x9", 17 lb package.



**BUD Passive Cabinet**  
9"x9"x9", 11lbs



**Heavy Duty, Premium,  
BUD Gig Bag**

## About The Bud

A couple years ago we were cleaning out a box of stuff that belonged to our late founder, Bud Henriksen, and found a mysterious speaker cabinet he had made with a 6" speaker in it. The box happened to be the exact size for our circuit boards to be mounted in, so we built it into a prototype. The result was shocking, not only in the amount of volume which could be coaxed from the enclosure, but also in how incredibly good the sound was. Equally shocking was the response from our customers; obviously there was a need for a tiny amp which sounded as good as our JazzAmp line, but that wasn't a toy or just a practice amp. So we set out to engineer the smallest possible amplifier a musician could still legitimately gig with.

### **Mission accomplished!**

Not only does The Bud have an unmatched feature set and enough real power to gig with, it has tonal fidelity that other small amps on the market simply can't compete with and it sounds just as amazing with acoustic guitars as it does electrics so you can use one amp for both on the same gig, something no other amplifier achieves as well as The Bud.

