

# *Delta Jr.*

## **Vintage Series**

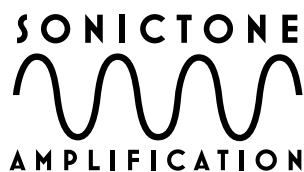
15-Watt Cathode-Biased  
Tube Amplifier 1x12 Combo

## Owner's Manual

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# Introduction

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I'd like to personally thank you for purchasing the SonicTone Delta Jr. tube amplifier. I know how important every player's tone is to them and that consideration goes into every amp. Carefully designed and hand-built here in the U.S., the Delta Jr. is a step back in time to a simpler era of music. From beautiful cleans to bluesy crunches, this amp will deliver some fantastic tones for you to use when playing live or in the studio. Good luck and enjoy the amp!

Sincerely,



Nick Sagona

## Safety Instructions

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1. Always use the correct types of tubes for this amplifier.
2. Always match the impedance to correct value of the speaker load.
3. Do not attempt to bypass the fuses or use different fuse values.
4. Please only use the provided SonicTone footswitch, which is compatible with this amplifier.
5. Please only use a TRS cable to connect the footswitch to the amplifier.
6. Please operate the amplifier in dry and safe conditions.
7. Please store the amplifier in a reasonable, climate-controlled environment.
8. If you are experiencing issues with the amplifier, please have it worked on by a qualified service technician only. Do not attempt to open the amp and work on it yourself.

### ⚡ WARNING! ⚡

Dangerous and potentially lethal voltages may be present in the amplifier even after it has been turned off and unplugged. Do not open the amp yourself or touch the inside of it. Only have a qualified service technician open up and work on the amplifier.

# Features

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The Delta Jr. is a 15-watt, cathode-biased tube amplifier that uses two (2) 12AX7 preamp tubes, two (2) 6V6 power tubes and one (1) 5Y3 rectifier tube. Its features include:

- 2 channels with independent gain controls (footswitchable)
- Shared 3-band EQ
- Hot/cool switch
- No negative feedback
- Master volume
- Bright switch on channel 1
- 3-way output impedance switch (16, 8 or 4 ohm)
- 12" Celestion 25-watt 16 ohm Greenback speaker (stock model only)
- Birch plywood cabinet with finger-jointed construction
- Footswitch

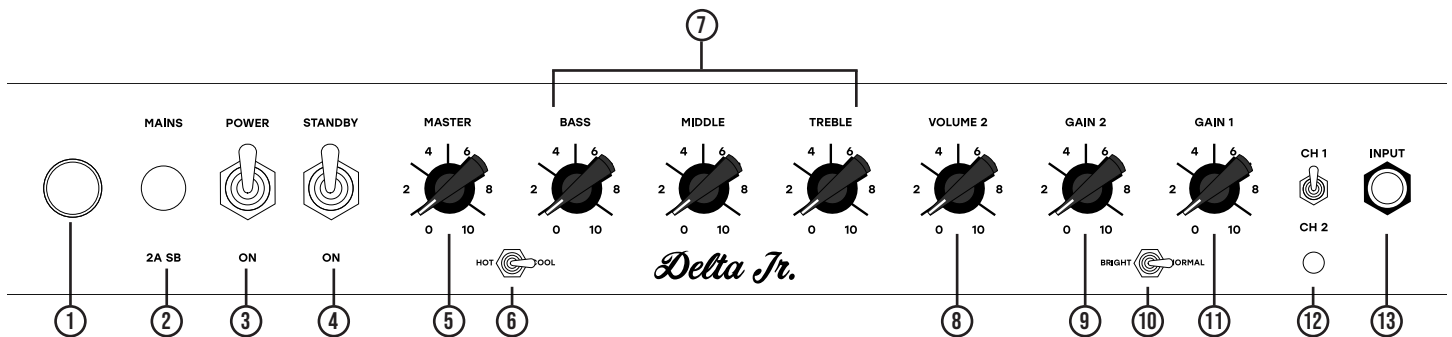
## Footswitch Operation:

The footswitch requires the 1/4" TRS cable to be inserted into the footswitch jack on the rear panel as well as the jack on the footswitch. The "CH 1 / CH 2" switch on the front panel is automatically defeated if the footswitch cable is plugged into the footswitch jack on the rear panel.

### ! NOTICE !

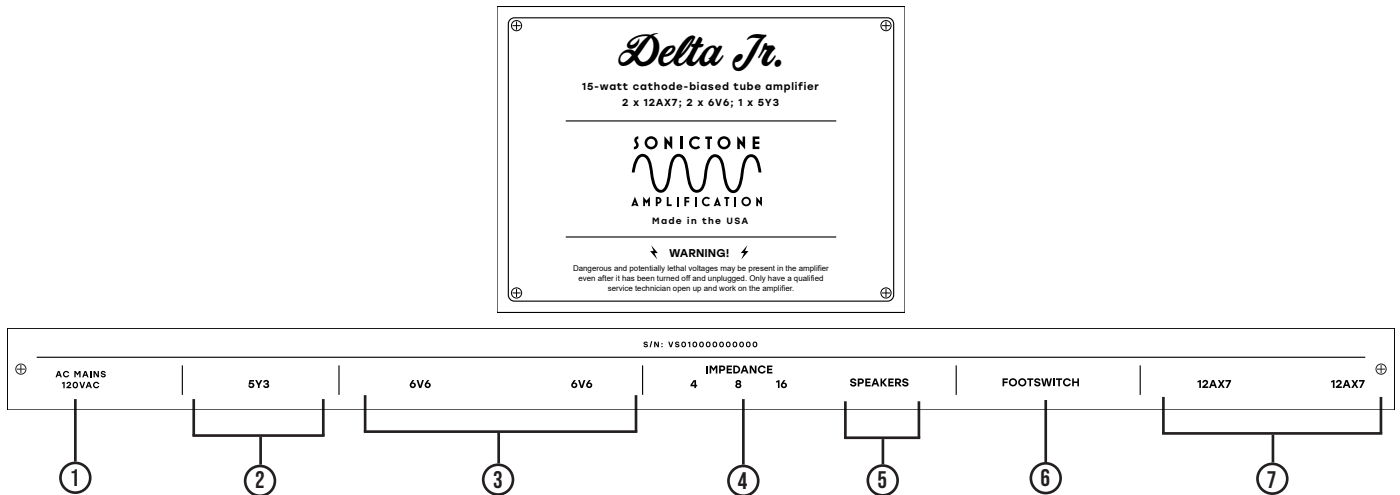
Tube amplifiers are voltage-sensitive devices that require a certain amount of AC input voltage (VAC.) If the provided input voltage is too low, the amplifier may not function properly. If the provided input voltage too high, it may damage the amplifier. Please take care to ensure that the correct AC input voltage is provided to the amplifier. See the **specifications** section of this manual for more info.

# Front Panel



1. **Pilot Light** – illuminates when the amp is turned on.
2. **Fuse Holder** – receptacle for the amp's main 2A fuse. (There is an additional high voltage 0.5A fuse inside the amp.)
3. **Power Switch** – turns the amp on.
4. **Standby Switch** – allows the amp to be played. When the standby is off, the tubes are kept warm, but the amp will not make any sound.
5. **Master** – the overall master volume of the amp.
6. **Hot/Cool Switch** – switch to engage more gain and a more aggressive tone for both channels. When the feature is active, the EQ has a reduced effect on the tone.
7. **Bass, Middle and Treble** – passive equalization controls to adjust the tone of the amp.
8. **Volume 2** – control to adjust the overall volume on channel 2.
9. **Gain 2** – control to adjust the amount of gain on channel 2.
10. **Bright Switch** – switch to engage a slightly brighter tone for channel 1.
11. **Gain 1** – control to adjust the amount of gain on channel 1.
12. **CH 1 / CH 2 Switch & LED** – switch to change between channels 1 and 2 when not using the footswitch. The LED illuminates when channel 2 is engaged.
13. **Input Jack** – mono input jack to plug your guitar into.

# Rear Panel



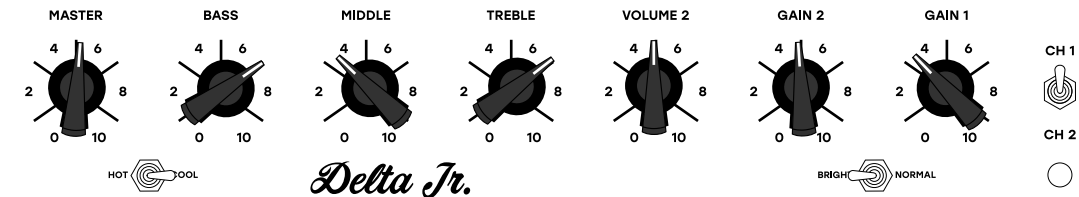
1. **AC Jack** – jack to plug the provided AC cord into.
2. **Rectifier Tube Socket** – 8-pin tube socket for the one (1) required 5Y3 rectifier tube.
3. **Power Tube Sockets** – 8-pin tube sockets for the two (2) required 6V6 power tubes.
4. **Impedance Selector Switch** – switch to select the correct impedance of the speaker load hooked up to the amp.
5. **Parallel Speaker Jacks** – mono input jacks to plug the speaker(s) into. PLEASE NOTE: The jacks are in parallel, so if you plug two equal impedance speaker loads into them, you must set the impedance switch to half their impedance. For example, with two 16 ohm speaker loads plugged in, the impedance switch should be set to 8 ohms.
6. **Footswitch Jack** – stereo input jack to plug the provided 1/4" TRS footswitch cable into.
7. **Preamp Tube Sockets** – 9-pin tube sockets for the two (2) required 12AX7 preamp tubes.

## 2-Year Limited Warranty

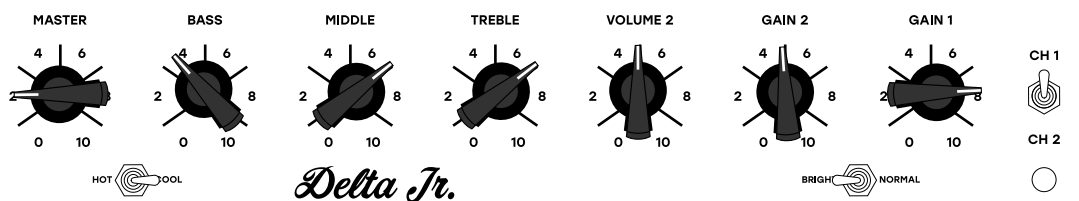
This amplifier is protected with a limited, 2-year warranty for any and all defective issues with the build workmanship and parts, excluding tubes, transformers and speakers. The warranty does not cover general wear and tear, neglect, misuse or abuse, damage from liquids (water, alcohol, etc.), disasters, acts of God or unauthorized modifications. Any modifications made to the amp by the owner or a technician will void the warranty. The owner is responsible for all warranty shipping costs. Once the warranty work is completed, the customer will be notified and sent a final shipping invoice. The owner then is required to pay the shipping invoice to have the repaired amp shipped back to them. Returned warranty shipping will be insured and will require a signature.

## Sample Settings

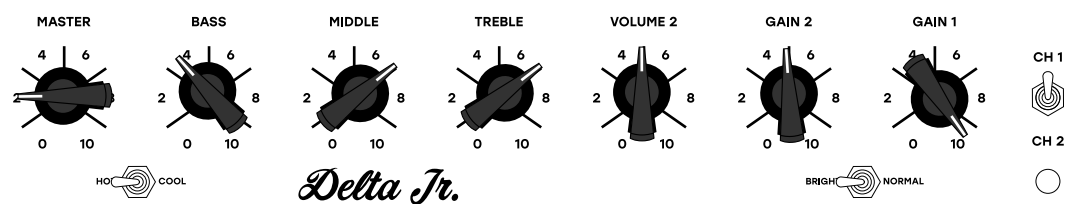
### Channel 1 - Sparkly Clean (Cool):



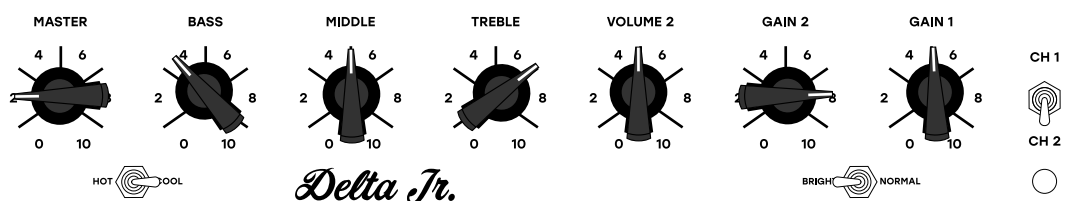
### Channel 1 - Edge of Breakup (Cool):



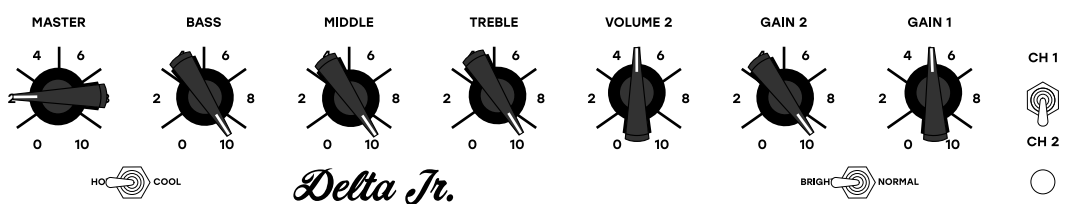
### Channel 1 - Blues (Hot):



### Channel 2 - Straight Blues (Cool):



**Channel 2 - Rock n Roll (Hot):**



# Specifications

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**Product Series:** Vintage Series

**Product Model:** Delta Jr. 1x12 Combo

## AC Input & Fuses:

- U.S. Standard IEC jack rated for 120V @ 60Hz
- 2A slo-blo mains fuse
- 0.5A slo-blo high voltage (B+) fuse (mounted inside the amp)

## Tubes:

- Two (2) 12AX7 preamp tubes
- Two (2) 6V6 power tubes
- One (1) 5Y3 rectifier tube

## Power Output:

- 15W @ 16, 8 or 4 ohms

## Speaker:

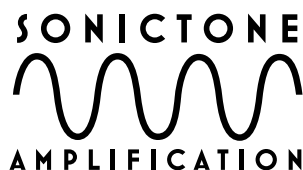
- One (1) 12-inch 25W 16 ohm Celestion Greenback (*Stock Model Only*)

## Footswitch:

- Single button SonicTone footswitch
- TRS cable required for proper operation

## Dimensions:

- Width: 21.5 in
- Height: 18.75 in
- Depth: 10 in
- Weight: 30.5 lbs



[www.sonictoneamps.com](http://www.sonictoneamps.com)  
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