

# CARR AMPLIFIERS



## OWNER'S MANUAL

*Revised 2-2020*

## **Raleigh Instructions**

Thank you for purchasing a Carr Raleigh. The Raleigh is a versatile practice/studio amp designed to deliver both pristine clean and heavily overdriven tones at usable volumes. The Raleigh's styling pays homage to the funky practice amps of the late 50s and early 60s. We have taken great care with all component choices to ensure optimum sonics and reliability.

Please take time to familiarize yourself with this manual.

**Volume** – Adjusts the loudness of the amplifier in clean mode. In overdrive mode, the Volume control adjusts the amount of preamp gain, and the Master control is used to adjust the loudness of the amplifier.

**Tone** – Varies the tone of the amplifier from dark to bright. Interactive with the Master control in overdrive mode, the Tone control can provide more treble when the Master control is turned up.

**Mode Switch** – Selects clean or overdrive modes. When overdrive mode is selected (switch baton *down*), the Master control is activated. In clean mode (switch baton *up*), the Master control is not in the circuit.

**Master** – Adjusts the loudness of the amplifier when in overdrive mode. The Master control has no effect in clean mode.

**On – Off – On** – Selects between two ON positions (one is wired in opposite phase of the other) and the OFF position. If you receive a shock from another piece of equipment that is not properly grounded such as a microphone or another amp, or hear line noise static, switching to the opposite ON position may solve the problem.

## **Bottom Panel**

**Fuse** – In the unlikely event that a tube fails, the amp is protected by a 1 Amp Slow Blow fuse for 120v and 100v (US and Japan) models, and a 0.5 Amp Slow Blow fuse for 230v-240v (Europe) models. Please consult us or a qualified tech for further instruction or assistance in the event of a fuse blowing. The fuse is located on the bottom of the chassis by the power cord.

**Power Tube Bias**– The Raleigh is a self-bias amplifier and does *not* require adjustment when changing power tubes. The new self- bias arrangement starts with serial number 711 February 2020.

**Speaker Output Jack** – The Raleigh is designed for 8-ohm loads. Maximum power and tone will be realized when running into an 8-ohm speaker or cabinet.

*Carr Amplifiers selects and tests the finest current production tubes specifically for each amplifier model. Caution should be used when buying replacement tubes from any dealer who does not have a return policy as all tubes can have problems (NOS tubes are susceptible to microphonics and failure too).*

# Recommended Settings

## Single Coil

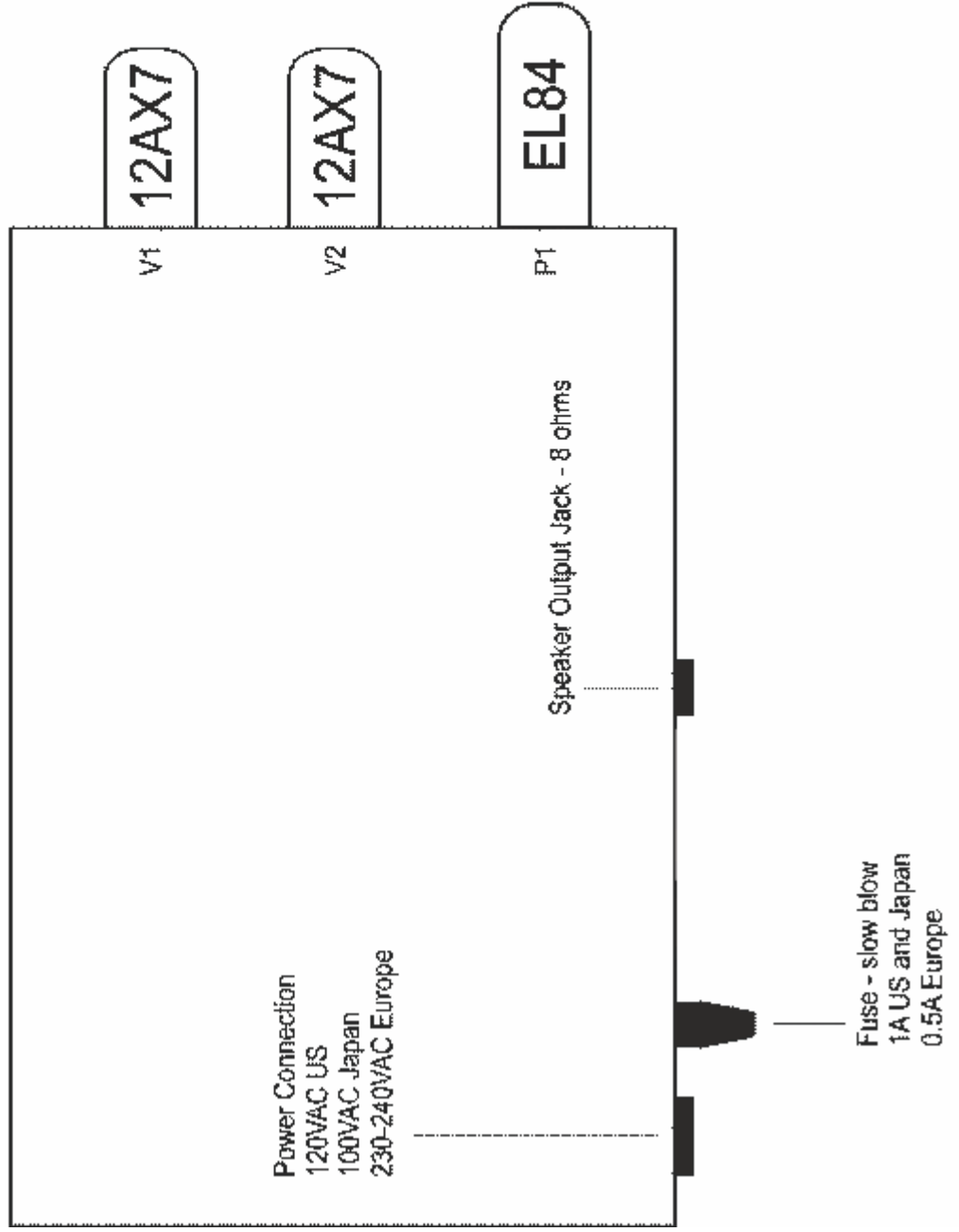
Pickup	Sound	Volume	Tone	Mode	Master
Neck	Clean			Up	N/A
Middle	Jazz			Up	N/A
Bridge	Snappy			Up	N/A
Bridge	Clean Crunch			Up	N/A
Neck	Dark Sustain			Down	
Bridge	Rock			Down	

## Humbucker

Pickup	Sound	Volume	Tone	Mode	Master
Neck	Clean			Up	N/A
Middle	Clean			Up	N/A
Bridge	Grit			Up	N/A
Neck	Midnight Fripp			Down	
Bridge	Slow Ride			Down	

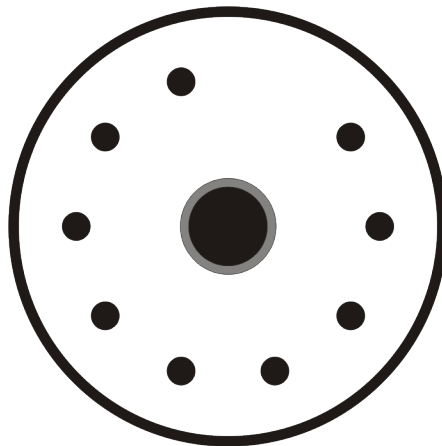


# CARR AMPLIFIERS CHASSIS DIAGRAM



# IMPORTANT REMINDERS

- Please keep the original packing materials in case your amp needs to be shipped for service. Ask your dealer if they did not provide them.
- When changing tubes the tube pins must line up with the tube socket holes.



*Do not insert tubes with missing or damaged pins. Do not insert the EL84 into a 12AX7 socket or vice-versa. See the Chassis Diagram or Tube Chart for the correct tube placement.*

- To reduce the risk of electric shock, keep the unit away from excess moisture.
- No user serviceable parts inside.
- Potentially lethal voltage present.

# CARR AMPLIFIERS WARRANTY

**All Carr amplifiers are warranted to be free from defects in workmanship (solder joints, hardware assembly etc.) for the lifetime of the original owner, and free from defects in materials (including cabinet) for three years from the date of purchase by the original owner, provided that:**

- The owner mails the signed warranty registration card (next page) and a copy of the original sales receipt to Carr Amplifiers within thirty days of purchase.
- Problems are not the result of misuse, abuse, tampering, circuit modification, improper tube installation (incorrect orientation of tubes can damage the amp), or spilled beverages, as these will void the warranty.
- The amplifier is shipped to Carr Amplifiers in the original packing materials with freight paid by the purchaser. We pay the return shipping after the warranty work is complete.

Please call us at 919-545-0747 if you have a warranty claim. Be prepared to provide the model and serial number of your amp. We will issue a Return Merchandise Authorization number (RMA#) before the amplifier is shipped for service.

***Note: Tubes, speaker(s), and reverb tanks carry a ninety-day warranty, and are subject to the same terms and conditions as above.***

## **Shipping address:**

Carr Amplifiers  
23 Rectory St., Suite E  
Pittsboro, NC 27312

## **Mailing address:**

Carr Amplifiers  
433 W. Salisbury St.  
Pittsboro, NC 27312

**Tel:** 919-545-0747

**Fax:** 919-545-0739

[www.carramps.com](http://www.carramps.com)  
[info@carramps.com](mailto:info@carramps.com)

# Carr Amplifiers Owner's Registration

To validate your warranty, please mail the **completed form** and a **copy of your original sales receipt** within 30 days of purchase to:

Carr Amplifiers  
433 W. Salisbury St.  
Pittsboro, NC 27312

*We do not sell, give away, or otherwise share customer information with third-parties.*

**MODEL:** \_\_\_\_\_

**SERIAL NUMBER** (located on the tube chart sticker and the bottom or back panel of the chassis): \_\_\_\_\_

**PURCHASED FROM:** \_\_\_\_\_

**DATE OF PURCHASE:** \_\_\_\_\_

**PURCHASER'S NAME:** \_\_\_\_\_

**PURCHASER'S ADDRESS:** \_\_\_\_\_

**PURCHASER'S E-MAIL:** \_\_\_\_\_

**TYPE OF MUSIC YOU USUALLY PLAY:** \_\_\_\_\_

**HOW YOU FIRST HEARD ABOUT CARR AMPLIFIERS:** \_\_\_\_\_

**YOUR ADDITIONAL COMMENTS ARE INVITED:** \_\_\_\_\_

**I have read and understand the terms and conditions of the warranty agreement as set forth in the owner's manual.**

**Signed:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**The above must be signed and dated to validate the warranty.**

**With your completed registration form you are eligible for a complimentary Carr Amplifiers t-shirt!**

**Please specify your size:**

\_\_\_\_\_ **Small**  
\_\_\_\_\_ **Medium**  
\_\_\_\_\_ **Large**  
\_\_\_\_\_ **X-Large**  
\_\_\_\_\_ **XX-Large**