

CARR AMPLIFIERS

Rambler

OWNER'S MANUAL

Revised 23 Feb 2012

Rambler Instructions

Thank you for purchasing a Carr Rambler amplifier. The Rambler employs a pure and simple classic 60s American style preamp circuit combined with an output section owing more to the early 50s. This unique blending yields very open and rich clean tones with mild overdrive. You will find the Rambler works very well with pedals – staying dimensional and bringing out the best from your guitar. Please take time to familiarize yourself with this manual.

Volume – Adjusts the loudness of the amplifier.

Treble – Varies the top end from dark to bright.

Middle – Varies the mid frequencies and is very influential in taking the tone from a 60's blackface sound (minimum to 11 o'clock) to a pushed tweed mid sound (11 o'clock to full).

Bass – Varies the low end from lean to full. To retain clarity, turn the Bass down at higher volumes.

Reverb – Controls the amount of reverb sound from none to deep and lush.

Tremolo Depth and Speed – Depth controls the intensity of the Tremolo swell from none to deep. The Speed control affects the rate of the Tremolo pulse. You may hear some pulsing noise when you are not playing while the Tremolo is on. This is a normal effect of the late 50s style output tube bias Tremolo we use. The Tremolo can be turned on and off using the footswitch included with the Rambler. The jack for the footswitch is on the bottom of the chassis between the third and fourth preamp tubes (see *Chassis Diagram*).

Triode/Pentode Switch – Changes the way the output tubes operate. Pentode sounds loud and punchy with great headroom while Triode is more vintage and warm with very thick midrange. The Pentode mode is the Rambler's full power setting, producing 28 watts. The Triode mode makes 14 watts. Switch the amp to Standby (see *Standby* below) before changing the Triode/Pentode switch.

Standby – Set the amp to Standby (switch baton *down*) before turning on the power switch (see *On-Off-On* below). After 1 minute of warm up, switch the Standby baton *up*. The amp is ready to be played. Using the Standby switch every time the amp is turned on will prolong tube life. Use the standby switch before changing between triode and pentode modes (see *Triode/Pentode switch* above).

On – Off – On – Selects between two ON positions and the OFF position (middle). The two ON's are wired in opposite phase of each other. If you receive a shock from another piece of

equipment (a microphone or another amp) that is not properly grounded, or if you hear static, switching to the opposite ON may solve the problem. This is sometimes called “switching polarity”.

Bottom Panel

Fuse – In the unlikely event that a tube fails, the Rambler is protected by a 1.5 Amp slow blow fuse for 120v and 100v (North America and Japan) models or a 0.75 Amp slow blow fuse for 220v and 240v (Europe and Asia) models. Please consult us or a qualified tech for assistance in the event of a fuse blowing. The fuse is located on the bottom of the chassis by the power cord.

Speaker output jack – The speaker output jack is located between the power tubes on the speaker side of the chassis (see *Chassis Diagram*). The Rambler is designed to drive an 8 ohm load. Maximum power and tone will be realized when connected to an 8 ohm speaker or cabinet. The speakers in Rambler combos and extension cabinets are configured to provide the amplifier with an 8 ohm load.

The Rambler will work with a 16 or 4 ohm cabinet with the following caveat - you will lose a little power from the impedance mismatch, and the power tubes will have to work a bit harder and thus age faster.

To run an external cabinet, turn the Rambler OFF, unplug the internal speaker (combo amps) and plug in the external cabinet’s speaker cord. Alternatively, a “Y” speaker cord can be used to run an 8 ohm external cabinet along with the internal speaker(s) of a combo amp without damage to the amp (the total impedance or speaker load in this case will be 4 ohms – see the previous paragraph).

Damage will result from operating the Rambler without a speaker load.

Footswitch Jack – The tremolo can be turned on and off using the footswitch included with the Rambler. The jack for the footswitch is on the bottom of the chassis between the third and fourth preamp tubes (see *Chassis Diagram*).

Biassing your Rambler

The Rambler is a cathode bias (self bias) amp and as such does not require a bias adjustment when changing tubes. Please use well-matched pairs of output tubes for maximum performance and minimum hum in Triode mode. The Rambler can only use matched pairs of 6L6, 5881, or 7581A power tubes.

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

Try the settings in both Pentode and Triode mode. The Pentode setting yields a punchy, full sound while Triode is mellow and thick.

Single Coil

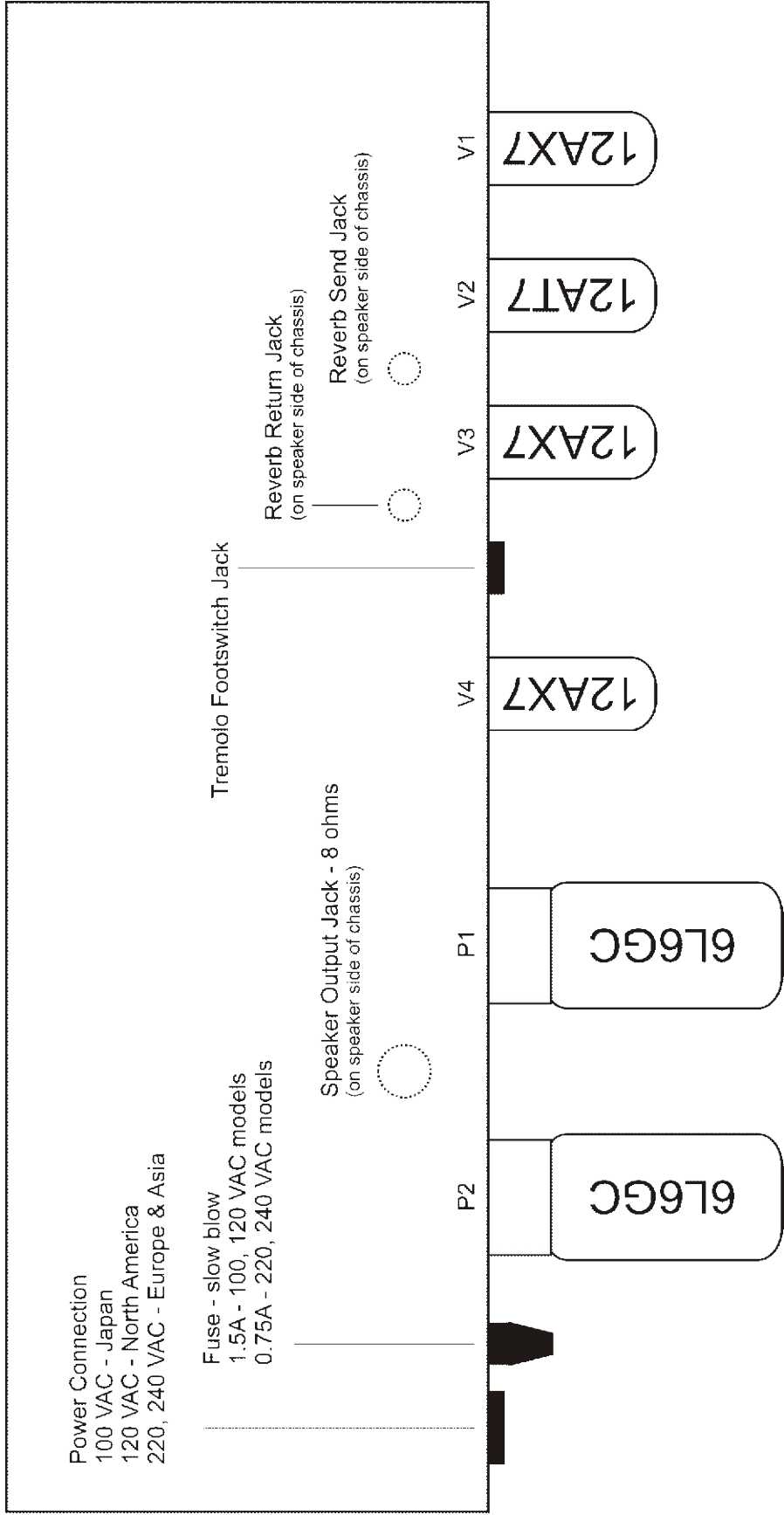
Sound	Volume	Treble	Middle	Bass	Reverb	Depth	Speed	Tri/Pen
Neck- 60s American								Either
Tele Bridge Punch								Either
Out of Phase Space								Either
Full Swell								Either

Humbucker

Sound	Volume	Treble	Middle	Bass	Reverb	Depth	Speed	Tri/Pen
Neck- 60s American								Either
Bridge Bark								Either
In Between Trem								Either
Jazz Neck								Triode



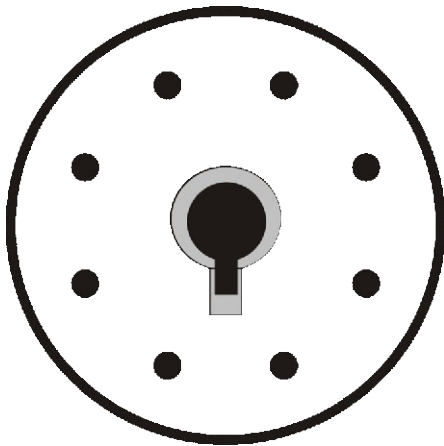
CARR AMPLIFIERS CHASSIS DIAGRAM



IMPORTANT REMINDERS

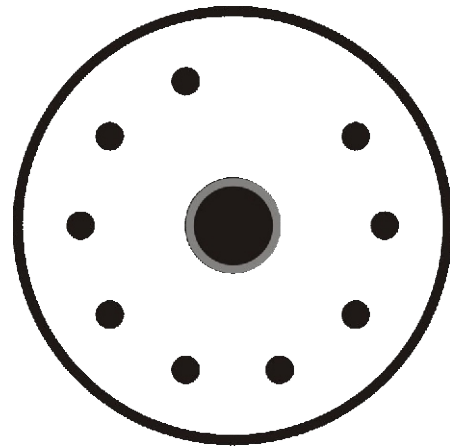
Please keep the original packing materials in case your amp needs to be shipped for service.

When inserting power tubes, the power tube key must line up with the tube socket keyway.



Do not insert power tubes with missing or damaged keys or pins.

When inserting preamp tubes, the tube pins must line up with the tube socket holes.



Do not insert preamp tubes with missing or damaged pins.

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.

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

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.

For customers outside of North America, warranty and repair service is provided through the dealer where the amp was purchased.

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

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: _____

OWNER'S NAME: _____

OWNER'S ADDRESS: _____

OWNER'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**