

de Lisle

RUTGERS REVERB AMPLIFIER

PRODUCT MANUAL

RUTGERS REVERB TECHNICAL DETAILS

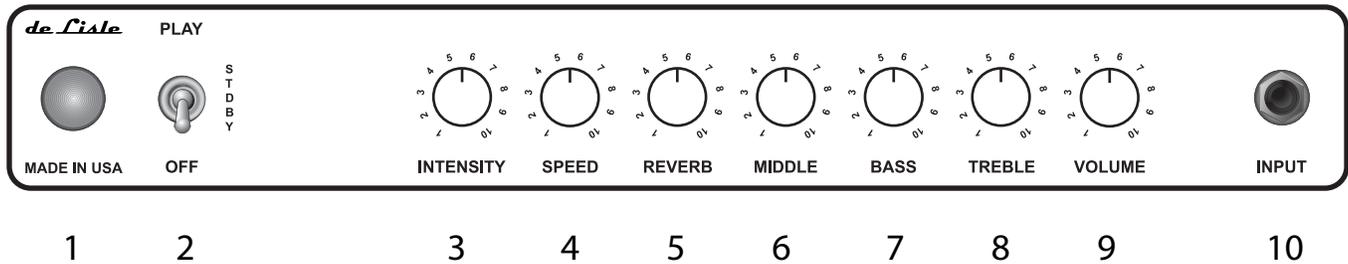
Power	23W RMS
Rectifier Tube	1 x 5AR4
Pre-Amp Tubes	2 x 12AX7, 2 x 12AT7
Power Tube(s)	2 x 5881 or 2 x 6L6GC
Built-In Effects	Spring Reverb, Tremolo
Speaker	1 x 12" 8 Ohm
Dimensions (W H D)	20 x 18.5 x 9.5
Weight	35 lbs.

CHANGING TUBES

Preamp tubes are cathode biased, or self-biasing. You may replace these tubes without rebiasing. When replacing power tubes, remove the rear panel to access the two 1 ohm current sensing resistors and bias adjustment potentiometer on the left side of the turret board. Set the bias so the the current through either cathode is an average of 45mA.

As a guideline, we recommend replacing preamp tubes at least every 3 years. Replace the power tubes and phase inverter every 12-18 months. With cathode biased amps, sooner is better than later. These recommendations are rather broad and your experience may vary based on actual usage.

CONTROL PANEL



1. Pilot Light

The pilot indicates that the amp is powered on. Use #47 replacement bulbs.

2. Off / Stdby / Play

This is a 3-position switch. The middle position places the amplifier in Stand-by mode. After 30 seconds, switch from Standby to Play.

3. Tremolo Intensity

The Intensity pot controls the depth of the tremolo effect. The footswitch must be connected in order to use this feature.

4. Tremolo Speed

The Speed pot controls the rate of the tremolo pulses. The footswitch must be connected in order to use this feature.

5. Reverb

The Reverb control mixes the dry preamp signal with the return signal from the tube driven spring reverb tank.

6. Middle

Controls the mid-range response. Turning the knob counter-clockwise results in a scooped tone, while turning the knob clockwise will bring the mids forward.

7. Bass

Controls the amount of low frequency content.

8. Treble

Controls the amount of high frequency content.

9. Volume

This controls the overall output level of the amp.

10. Input

Plug the guitar or output of your pedal board in here. Use only high-quality shielded instrument cable.

DE LISLE AMPLIFIER WARRANTY

de Lisle amplifiers are warranted to be free from defects in materials and workmanship for as long as the original purchaser owns the item. This warranty does not cover defects resulting from normal wear and tear, misuse, neglect, accident, modification, unauthorized service or repair, and/or physical damage to the chassis or cabinet. Tubes carry a 90 day warranty against manufacturing defects. Speakers are covered by the manufacturer's warranty.

All warranty repairs must be performed by de Lisle Guitar Company LLC. All transportation, insurance and shipping costs associated with the warranty service and/or repair of de Lisle amplifiers are the sole responsibility of the purchaser. This warranty is not transferable. Unauthorized modification will void this warranty.

Please contact us through <http://www.delisleguitar.com> or phone to inquire about warranty service.

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