

DOCTOR'S SPECIAL

RX CUSTOM CLEAN 50W COMBO AMPLIFIER



USER MANUAL



ABOUT THE DOCTOR'S SPECIAL

Thank you for purchasing The Doctor's Special 50 watt combo guitar amplifier! This user manual will explain the features of your amplifier.

After almost a year of dedicated research and development, the unique partnership and collaboration of The Rig Doctor Inc. and Vertex Effects Inc., have created a truly "special" instrument. Although the amplifier is rated at 50W, it mimics the clean headroom of a much larger amplifier in both sound and feel, resulting in the accentuation of guitar effects put in front of the amplifier.

Acclaimed for its responsive touch sensitivity and smoothness, the Doctor's Special offers single-coil and humbucker style guitarists a remarkably dynamic yet controlled playing experience.

Our team has obsessed over each component's tonal properties to produce the most sonically accurate sound possible. Selecting the solid pine finger jointed cabinet, countless hours of tuning the amplifiers EQ, exhaustive speaker testing, and curating a unique selection of top-shelf resistors and capacitors, has resulted in the stunning fidelity this instrument exudes.



FRONT PANEL CONTROLS



1 INPUT JACK - 1/4" High impedance instrument input jack made in the USA

2 GAIN CONTROL - Adjusts the signal strength of the guitar affecting the overall responsiveness of the amplifier. Start with this control in the 12 o'clock position

3 TREBLE CONTROL - Attenuates the high-frequency responsiveness of the amplifier. Start with this control in the 12 o'clock position

4 MIDDLE CONTROL - Adjusts the mid-frequency responsiveness of the amplifier. Start with this control in the 12 o'clock position

5 BASS CONTROL - Adjusts the bass-frequency response. Start with this control in the 12 o'clock position

6 REVERB SEND - Impacts the overall intensity and decay of the reverb effect. Turning the knob clockwise will increase the length of the reverb trail

7 REVERB RETURN - Impacts the balance of the dry signal affected by the reverb effect. Turning this knob clockwise will increase the overall intensity of the reverb effect

8 MASTER CONTROL - Controls the amount of signal being sent to the amplifier's power tubes. Start with this control in the 12 o'clock position

9 ACCENT CONTROL - Adjusts the overall tone of the amplifier by boosting or cutting high-frequency. Turn clockwise to reduce treble sizzle, and turn counter-clockwise to increase treble bite and gain

10 INDICATOR LIGHT - This lamp will illuminate when the power switch is in the "UP" position, indicating the unit is receiving A/C power. NOTE: All switches are ON in the "UP" position

BACK PANEL



MANUFACTURED BY AMPGUY IN COLLABORATION WITH THE RIG DOCTOR INC. & VERTEX EFFECTS INC.

AmpGuy THE RIG DOCTOR VTX

HANDMADE IN CANADA

- 11 A.C. INPUT - Connects the amplifier to A/C power via the power cord supplied. Your amplifier operates on 120 volts A/C, 60 cycles unless otherwise specified
- 12 FUSE - The Doctor's Special 50-W amplifier uses a 2.5A MAINS slow-blow FUSE in countries with 120V AC. In countries with 240V AC, please use a 1.5A FUSE. The FUSE specification above protects your amplifier from voltage spikes or excessive current draw
PLEASE NOTE: We recommend having a professional replace this component
- 13 STANDBY SWITCH - You should be in the "down" or "standby" position when applying power to the unit. After a few seconds, place the switch in the "up" position to use the amplifier. You may leave the unit "up" and set this switch in the "standby" position to mute the output
- 14 POWER SWITCH - Turns the power on or off depending on the direction of the switch
- 15 EXT. SPK - Enables players to connect a second 8 Ohm speaker using an additional 1/4" speaker cable to the amplifier
- 16 SPEAKER OUT - Connects the mounted 8 Ohm Celestion G12-65 speaker from the cabinet to the amplifier

TUBE POSITIONS

- V1: PREAMP 12AX7
- V2: REVERB 12AX7
- V3: REVERB 12AT7
- V4: MIXER 12AX7
- V5: PHASE INVERTER 12AX7
- V6: 6L6 GC
- V7: 6L6 GC

Important Safety Precautions

WARNING! No user-serviceable parts inside! Refer to qualified service personnel only.

Power Cord - Connect to grounded AC receptacle only. Avoid the use of extension cords where possible.

Do not use cleaning solvents such as benzene or paint thinner to clean the unit. Wipe exterior with a clean, dry cloth only.

Do not attempt to service the amplifier.

Refer all service requirements to a qualified service technician.

Do not use this device near water.

Do not block any ventilation openings.

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

Do not defeat the safety purpose of the grounding-type plug. A grounding type plug has two blades and a third grounding prong. The third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the device.

Only use attachments and accessories specified by the manufacturer.

Unplug this device during lightning storms or when unused for long periods of time.

Do not leave the device turned on unattended.

Refer all servicing to qualified service personnel. Servicing is required when the device has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the device, the device has been exposed to rain or moisture, does not operate normally, or has been dropped.

To insure proper ventilation always make sure there is at minimum four inches (101.6mm) of space behind the rear of the device. The ventilation should not be impeded

by covering the ventilation openings with items, such as newspapers, tablecloths, curtains, blankets, etc.

Do not impede ventilation by placing objects on top of the device which extend past the rear edge of its cabinet.

No naked flame sources, such as lighted candles, should ever be placed on the device.

Do not expose to dripping or splashing.

Do not place objects filled with liquids, such as vases or bottled drinks, on the device.

WARNING: To reduce the risk of fire or electric shock, do not expose this device to rain or moisture.

The AC plug is the mains disconnect. The plug should remain accessible after installation.

WARNING: Always make sure proper load is connected before operating the amplifier. Failure to do so could pose a shock hazard and may result in damage to the amplifier.

Do not expose amplifier to direct sunlight or extremely high or low temperatures.

Always insure the amplifier is properly grounded. Always unplug AC power cord before changing fuse, tubes or removing chassis. Use only same type and rating when replacing fuse.

Avoid direct contact with heated tubes. Keep amplifier away from children. Use caution and common sense when touching the tubes after the amplifier has been on as they may be extremely hot!

To avoid damaging your speakers and other playback equipment, turn off the power of all related equipment before making the connections.

Do not use excessive force when handling buttons, switches and controls.

Always connect to an AC power supply that meets the power supply specifications listed on the rear of the unit.

Make certain grounding conforms with local standards.

TUBE AMPLIFIERS ARE LOUD! EXPOSURE TO HIGH SOUND VOLUMES MAY CAUSE PERMANENT HEARING DAMAGE!

Technical Specifications

Type: Hand-Wired Tube Amplifier

Cabinet Construction: Blind Finger Jointed Solid Pine

Speaker Baffle: Void-Free Laminated Baltic Birch

Number of Channels: 1

Total Power: 50W

Speaker: 1 x 12" Celestion Heritage G12-65 8 ohm

Preamp Tubes: 4 x 12AX7 + 1 x 12AT7

Power Tubes: 2 x 6L6 GC

Reverb: 3 spring reverb tank

Tone Controls: 3-band EQ (Treble, Middle, Bass), Accent

Inputs: 1 x 1/4" High impedance instrument jack

Outputs: 2 x 1/4" Speaker output jacks

Power Source: Standard IEC AC cable 120V

Height: 20.00"

Width: 20.75"

Depth: 10.50"

Weight: 45 lbs, including the speaker

Manufacturer Part Number: DS50

Contact Information

Thank you for purchasing the Doctor's Special RX Custom Clean 50-W Combo Amplifier! Please feel free to contact us with any questions or comments that you may have. We look forward to hearing from you!

EMAIL: info@therigdr.com

ADDRESS: 112-38 William Carson Crescent, Toronto ON CANADA, M2P 2H2

Serial

