

# **RAMPAGE**

**U S E R ' S M A N U A L**

**R50C**

Electric Guitar Amplifier  
(with AGX™ Technology)

**ROCKTRON**  
**C O R P O R A T I O N**



Your Rocktron Rampage R50C electric guitar amplifier has been tested and complies with the following Standards and Directives as set forth by the European Union:

**Council Directive(s):** 89/336/EEC, 73/23/EEC

**Standard(s):** EN55 013: 1990/A12:1994, EN55 020: 1988,  
EN60 065: 1993, EN60 555-2: 1987, EN60 555-3:  
1987/A1: 1991

This means that this product has been designed to meet stringent guidelines on how much RF energy it can emit, and that it should be immune from other sources of interference when properly used. Improper use of this equipment could result in increased RF emissions, which may or may not interfere with other electronic products.

To insure against this possibility, always use good shielded cables for all audio input connections. This will help insure compliance with the Directive(s).

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## PRECAUTIONS

NOTE: IT IS VERY IMPORTANT THAT YOU READ THIS SECTION TO PROVIDE YEARS OF TROUBLE FREE USE. THIS UNIT REQUIRES CAREFUL HANDLING.

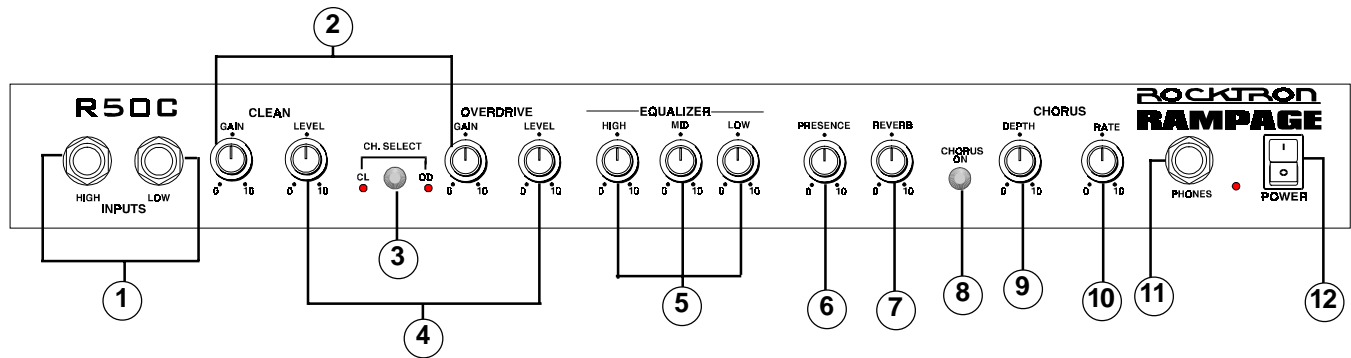
- All warnings on this equipment and in the operating instructions should be adhered to and all operating instructions should be followed.
- Do not use this equipment near water. Care should be taken so that objects do not fall and liquids are not spilled into the unit through any openings.
- The power cord should be unplugged from the outlet when left unused for a long period of time.

DO NOT ATTEMPT TO SERVICE THIS EQUIPMENT. THIS EQUIPMENT SHOULD BE SERVICED BY QUALIFIED PERSONNEL ONLY. DO NOT MAKE ANY INTERNAL ADJUSTMENTS OR ADDITIONS TO THIS EQUIPMENT AT ANY TIME. DO NOT TAMPER WITH INTERNAL ELECTRONIC COMPONENTS AT ANY TIME. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY VOID THE WARRANTY OF THIS EQUIPMENT, AS WELL AS CAUSING SHOCK HAZARD.

## OPERATING TEMPERATURE

Do not expose this unit to excessive heat. This unit is designed to operate between 32° F and 104° F (0° C and 40° C). This unit may not function properly under extreme temperatures.

# Front Panel



- ① **INPUT jacks - HIGH and LOW**  
Connect the output of your guitar into one of the two 1/4" input jacks with a shielded guitar cable. Select the HIGH input jack for extra gain, or the LOW input jack for normal gain.
- ② **GAIN controls (CLEAN and OVERDRIVE)**  
Adjusts the amount of amplification in the preamp section. More gain increases distortion, reduced gain results in a clean sound. OVERDRIVE is designed with increased gain while CLEAN has less built-in gain.
- ③ **CH. SELECT push button**  
Channel Select - CLEAN or OVERDRIVE. LED indicators show which channel is Active.
- ④ **LEVEL controls (CLEAN and OVERDRIVE)**  
The LEVEL controls adjust the overall volume for each channel. Once the gain is set, adjust the LEVEL control for the appropriate listening volume.
- ⑤ **EQUALIZER - HIGH/MID/LOW controls**  
Tone controls, or EQ. LOW boosts or cuts low frequency, or bass sound. HIGH does the same for the treble frequencies. MID adjusts the midband frequencies.
- ⑥ **PRESENCE control**  
Increasing the amount of PRESENCE (turning the knob clockwise) will increase the definition of the notes played.
- ⑦ **REVERB control**  
Adjusts the amount of reverb added to your guitar's signal. Turning the knob clockwise increases the level of the effect.
- ⑧ **CHORUS ON push button**  
Two position push button. Push IN to activate CHORUS. When pushed again, CHORUS is shut off.

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**CHORUS DEPTH and RATE**

These two controls affect the depth or amount of chorus and the rate or speed of the chorus sweep. A lower DEPTH setting will produce a more subtle detune effect, while a higher setting will produce a more extreme detuning effect. Lower RATE settings will result in slower sweep speeds. A higher setting will result in faster speeds.

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**PHONE (Headphone) jack**

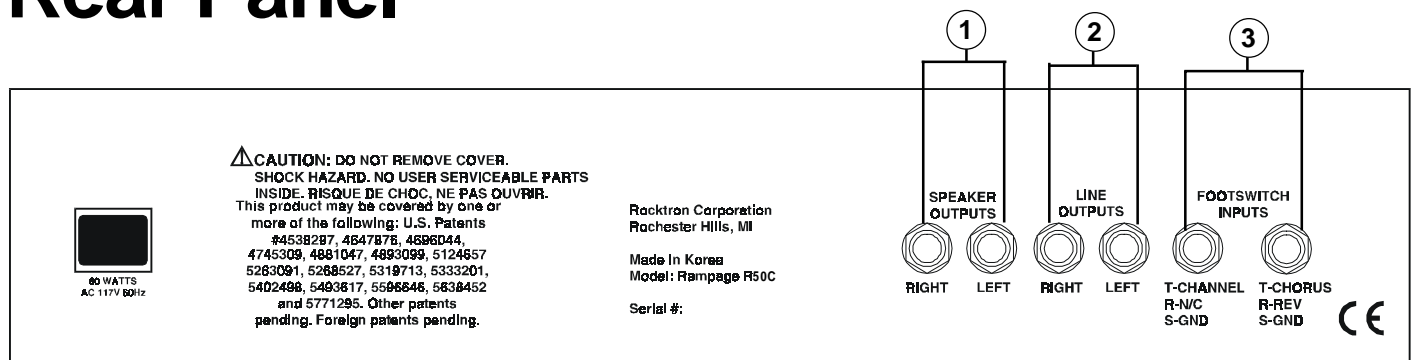
Plug your headphones into this jack to bypass the power amp and practice in private.

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**POWER switch and LED**

Switch turns the amp ON and OFF. A red LED shows the amp is ON.

# Rear Panel



1

**SPEAKER OUTPUTS (RIGHT and LEFT)**

Connect one additional 8 ohm cabinet per jack. If more are connected, you will damage your amp!

2

**LINE OUTPUTS (LEFT and RIGHT)**

1/4" jacks allow connection to other equipment like mixers, tape recorders or amplifiers. LEFT and RIGHT outlets are provided to maintain the stereo chorus effect.

3

**FOOTSWITCH INPUTS (CHANNEL and CHORUS/REVERB)**

Remote control CHORUS ON/OFF, CHANNEL selection and REVERB ON/OFF. To control CHANNEL selection, plug a single footswitch\* into the CHANNEL input. To control CHORUS and REVERB ON/OFF, use a double footswitch\* with a stereo 1/4" jack in the CHORUS/REVERB input.

\* Rocktron Rampage single (RFS1) and double (RFS2) footswitches are available and sold separately.

# AGX™ (Automatic Gain Expander)

Rocktron's patented AGX™ system solves the long standing problem encountered by guitar players when using high gain distortion. The AGX™ circuit expands the gain of the amplification circuit only when required based on the input level. When no signal is present, the AGX™ circuit expands down the amplification level to a point where hum and noise are dramatically reduced.

# R50C Specifications

<b>Power Output</b>	50 Watts (25 Watts per channel)
<b>Speaker Parameters</b>	2 x 8" Velocity® High Definition by Rocktron
<b>Dimensions</b>	15" H x 20.9"W x 9.8"D (381 x530 x 250mm)
<b>Weight</b>	26.16lbs. (11.87Kg)
<b>Power Requirement</b>	100 Volts AC, 50/60Hz or 117 Volts AC, 50/60Hz or 220/240 Volts AC, 50/60Hz, as specified on chassis
<b>Reverb</b>	Spring
<b>EQ High</b>	Passive Shelving
<b>Mid</b>	Passive Bandpass
<b>Low</b>	Passive Shelving
<b>Headphone Output</b>	1/4" jack
<b>Line Output</b>	2 x 1/4" jack
<b>Speaker Outputs</b>	2 x 1/4" jack
<b>Channels</b>	Overdrive and Clean (Footswitchable)
<b>Chorus</b>	Stereo (Analog BBD) (Footswitchable)



*CE Approved*