

# **RAMPAGE**

## **U S E R ' S   M A N U A L**

### **R 1 2 0 C**

Electric Guitar Amplifier  
(with AGX™ Technology)

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

May be covered by one or more of the following: U.S. Patents #4538297, 4647876, 4696044, 4745309, 4881047, 4893099, 5124657, 5263091, 5268527, 5319713, 5333201, 5402498 and 5493617. Other patents pending. Foreign patents pending.



Your Rocktron Rampage R120C 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).

# Contents

**PRECAUTIONS ..... 1**

**Front Panel ..... 2**

**Rear Panel ..... 4**

**Specifications..... 5**



**Rocktron Corporation**  
2870 Technology Drive  
Rochester Hills, MI 48309  
USA

Phone: (248) 853-3055  
Fax: (248) 853-5937

World Wide Web: <http://www.rocktron.com>  
E-mail: [rocktron@eaglequest.com](mailto:rocktron@eaglequest.com)

## PRECAUTIONS

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

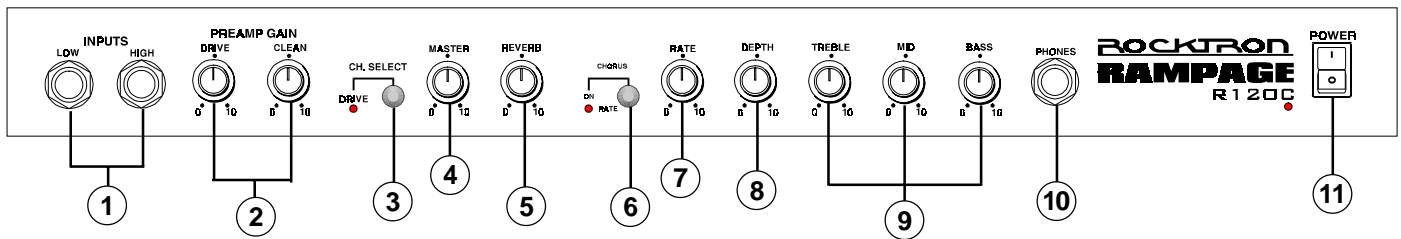
- All warnings on this equipment and in the operating instructions should be adhered to and all operating instructions should be followed.
- Do not use this equipment near water. Care should be taken so that objects do not fall and liquids are not spilled into the unit through any openings.
- The power 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 - LOW and HIGH**

Connect the output of your guitar to one of the 1/4" input jacks with a shielded guitar cable. Select LOW for normal, or HIGH for extra gain.

②

## **PREAMP GAIN - DRIVE and CLEAN controls**

The DRIVE channel is designed with increased gain for more overdrive while the CLEAN channel has less "built-in" gain for clean sounds.

③

## **CH SELECT button and DRIVE LED**

Select DRIVE channel or CLEAN channel. The DRIVE LED is ON when the DRIVE channel is active.

④

## **MASTER volume control**

The MASTER volume control adjusts the overall sound level. Once the gain is set, adjust this control for the appropriate listening level.

⑤

## **REVERB control**

Adjusts the amount of reverb added to your guitar's signal. Turn the knob clockwise to increase the effect.

⑥

## **CHORUS button**

Push IN to activate CHORUS. The ON/RATE LED is illuminated when CHORUS is ON and flashes to indicate RATE speed.

⑦

## **RATE control**

This controls the delay time for the CHORUS effect. Lower RATE settings result in slower sweep speeds. Higher settings result in faster speeds. The ON/RATE LED, next to the CHORUS button, flashes to indicate the RATE speed.

⑧

## **DEPTH control**

Controls the modulation depth for the CHORUS effect. Lower DEPTH settings (counterclockwise) produce a more subtle detune effect, while higher settings produce a more extreme detuning effect.

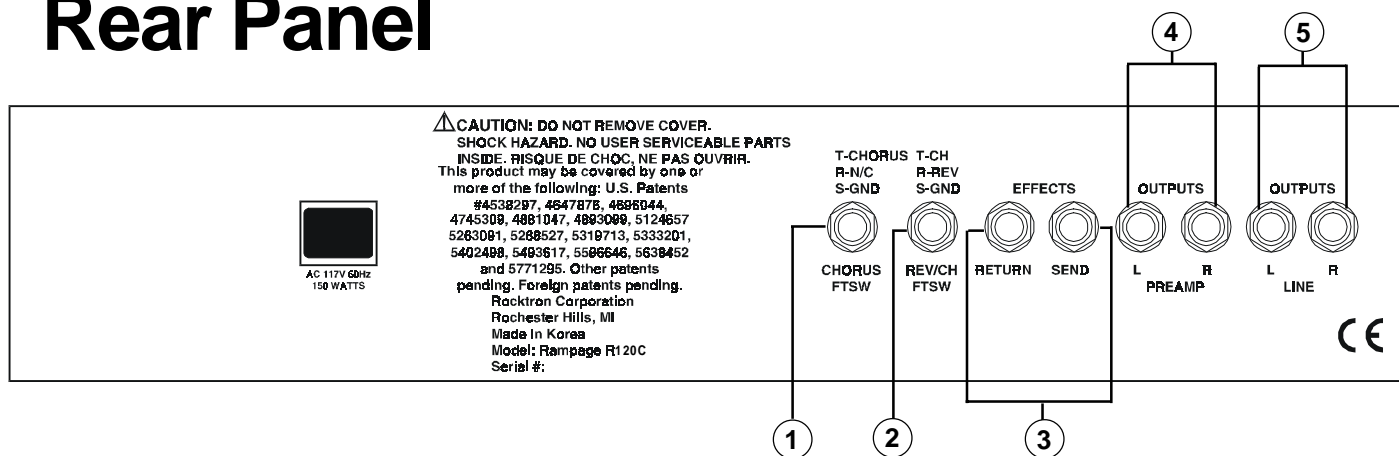
⑨

## **TREBLE/MID/BASS controls**

Tone controls, or EQ. The BASS control boosts or cuts the amount of low frequency, or bass sound. TREBLE does the same for the high frequencies. MID adjusts the midband frequencies.

- ⑩ **PHONE (Headphone) jack**  
Plug your headphones into this jack to practice in private.
- ⑪ **POWER switch**  
Turns the amp ON and OFF. A red LED shows the amp is ON.

## Rear Panel



- ① **CHORUS FTSW (Footswitch) jack**  
Remote control CHORUS ON/OFF with a single footswitch\* connected to the input with a 1/4" jack.
- ② **REV / CH FTSW (Footswitch) jacks**  
To control CHANNEL selection, plug a single footswitch\* into the input. To control REVERB and CHANNEL selection, use a double footswitch\* with a stereo 1/4" jack.
- ③ **EFFECTS RETURN / SEND jacks**  
1/4" jacks allow you to connect to an effects processor.
- ④ **PREAMP OUTPUTS - (LEFT / RIGHT)**  
1/4" jacks allow you to connect to other equipment like mixers, tape recorders or amplifiers. The volume level of the signal coming from these jacks is NOT controlled by the Master Volume Control.
- ⑤ **LINE OUTPUTS - (LEFT / RIGHT)**  
These 1/4" jacks allow you to connect to other equipment, and control the volume level of the signal with the Master Volume Control.

\* 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.

# R120C Specifications

<b>Power Output</b>	120 Watts (60 Watts per channel)
<b>Speaker Parameters</b>	2 x 10" Velocity® High Definition by Rocktron
<b>EQ</b>	Passive Shelving
<b>Treble</b>	Passive Bandpass
<b>Middle</b>	Passive Shelving
<b>Bass</b>	
<b>Outputs:</b>	2 x 1/4" jack
<b>Line</b>	2 x 1/4" jack
<b>Preamp</b>	
<b>Headphone Output</b>	1/4" jack
<b>Effects Loop</b>	2 x 1/4" jack
<b>Channels</b>	Overdrive and Clean (Footswitchable)
<b>Chorus</b>	Stereo (Analog BBD) (Footswitchable)
<b>Reverb</b>	Spring (Footswitchable)
<b>Dimensions</b>	15 3/4" H x 12" W x 15 3/4"D
<b>Weight</b>	44.62lbs. (20.24Kg.)
<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



*CE Approved*