

ROCKTRON

RAMPAGE

RT80

***ELECTRIC GUITAR AMPLIFIER WITH
AGX™ TECHNOLOGY AND
BUILT-IN CHROMATIC TUNER***

User's Manual



Your Rocktron Rampage RT80 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): EN55022, EN50082-1, EN60065

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).

Precautions

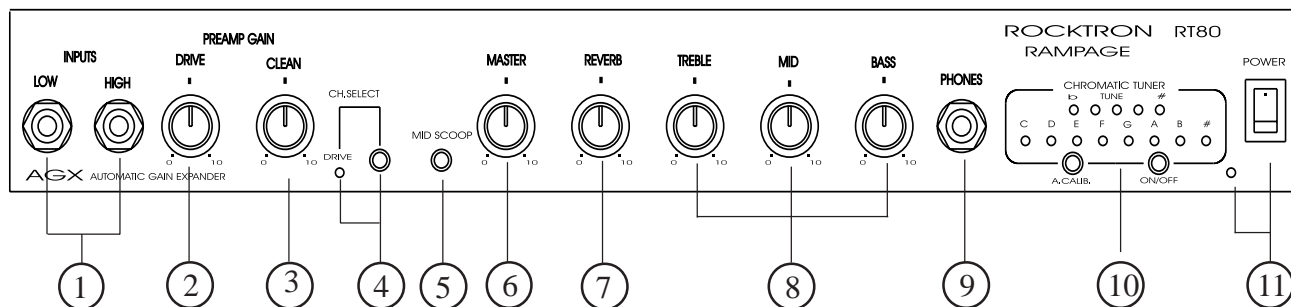
NOTE: IT IS VERY IMPORTANT THAT YOU READ THIS SECTION TO PROVIDE YEARS OF TROUBLE FREE USE. THIS UNIT REQUIRES CAREFUL HANDLING.

- 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.



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. Plugging into the LOW input will attenuate your guitar's signal cooling down a "hot" guitar. These two jacks provide slightly different input levels. Experiment with these and adjust to your tastes.

② PREAMP GAIN - DRIVE

Turning this knob clockwise determines the amount of gain (or distortion) added to the signal.

③ PREAMP GAIN - CLEAN

This knob controls the Clean Channel Level.

④ CH SELECT - Button & DRIVE LED

Channel Select button - allows you to select between the DRIVE channel or the CLEAN channel. The DRIVE LED is ON (or lit) when the DRIVE channel is active.

⑤ MID SCOOP button

Provides a fixed "scoop" of the mid frequencies for a "metal" sound.

⑥ MASTER - Volume Control

The MASTER volume control adjusts the overall sound level.

⑦ REVERB control

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

⑧ 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 high frequencies, MID adjusts the midband frequencies.

9 **PHONE (HEADPHONE) jack**

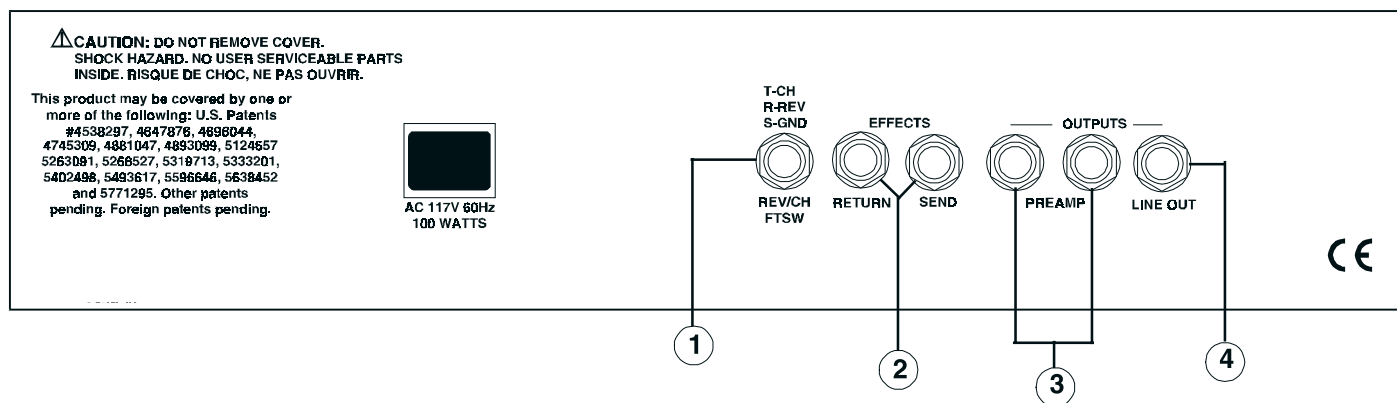
Plugging your headphones into this jack disconnects the sound going to the speakers and allows you to practice in private.

10 **CHROMATIC TUNER section**

This built-in Chromatic tuner allows you to tune your guitar without unplugging from your amplifier. Please see “Built-in Chromatic Tuner Functions” for a more detailed description on how to operate the tuner.

11 **POWER switch & LED**

Turns the amp ON and OFF. When the LED is lit, the amp is on.



1 **REV/CH FTSW (Footswitch) Jack**

To control CHANNEL selection, plug a single footswitch* into this jack. To control REVERB ON/OFF and CHANNEL selection, use a double footswitch* with a stereo 1/4" jack.

2 **EFFECTS RETURN / SEND Jack**

1/4" jacks allow you to connect to an effects processor. Plug a shielded guitar cable into the SEND jack of the RT80 into the INPUT of the “loop” section on the effects processor. Use another shielded guitar cable from the OUTPUT of the “loop” section of the effects processor to the RETURN jack on the RT80.

3 **OUTPUTS -PREAMP**

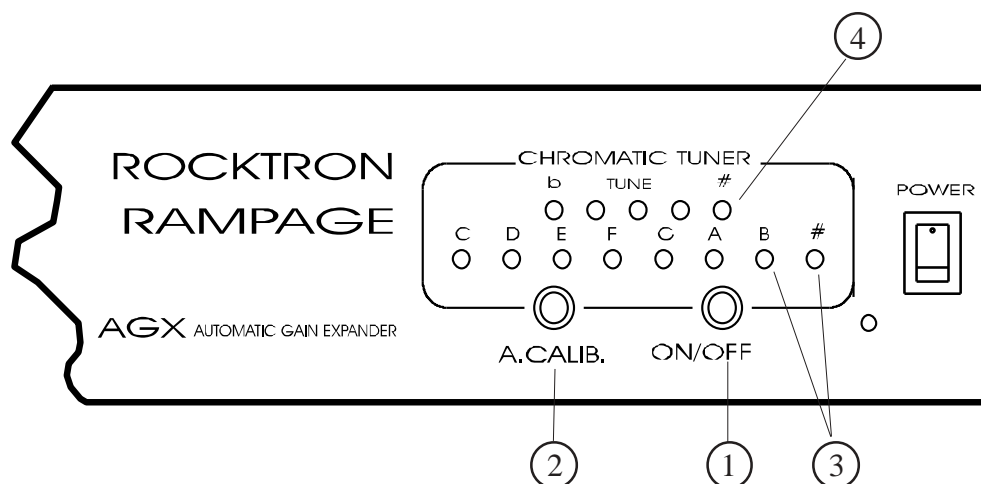
1/4" jacks allow you to connect two separate powered speaker cabinets or directly into a stereo power amp - like the Rocktron Velocity 100 and from the power amp into two 4x12s, a stereo 4x12 or a stereo 2x12 cabinet. The preamp output is controlled by the master volume control.

4 **OUTPUT - LINE OUT**

The 1/4" jack allow you to connect to a speaker simulator and into a PA system or recording device. You may also run the signal out to a power amp with volume controls and from there into a speaker cabinet. The line output is not controlled by the master volume control.

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

Built-in Chromatic Tuner Functions



① On/Off button

Press this button to engage the tuner function. When tuner is on the LED lights will be on depending on the note you play.

② A.CALIB. button

A.Calib = Auto Calibration. To match the pitch of any instrument or audio source (like an old piano or tape player) press the auto calibration button while playing the note on the instrument. (Note: you might have to first tune one string on the guitar by ear to match the actual note if the piano is out of standard tuning or if tape player you are playing along with runs slower or faster than normal). Once you have one note on the guitar tuned to the source - simply play that note on the guitar - while the note is “ringing” press the Auto Calibration button. The tuning pitch of the tuner will automatically be shifted to match the pitch of the audio source. Release the button and tune the remaining strings as normal with the tuner. The tuner at this point has automatically adjusted the tuning range to match that pitch. To reset the tuner to standard 440Hz pitch you turn the tuner off and then back on again.

③ NOTE LED display:

These LEDs show the note being tuned. The LED under the note being tuned will be lit.

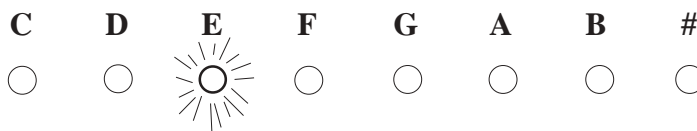
④ TUNE LED display

This series of 5 LEDs shows you if the note being played (tuned) is either sharp or flat.

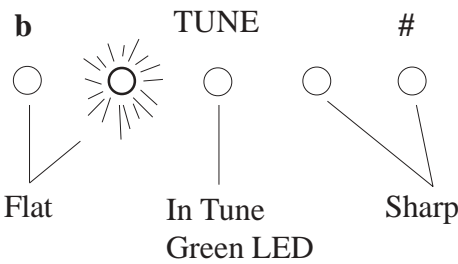
To Tune:

1) Turn on tuner function

2) Play a note on your guitar. The tuner automatically senses the note being played and will show you the note which is the closest to the one being played by lighting the appropriate LED in the NOTE LED display.



3) The “TUNE LED display shows by “how much” the guitar is out of tune from the note being played (in standard 440Hz tuning) indicated in the NOTE LED display. If the LED is to the left of the Center green LED the note is flat. Tune the string up until the LED reaches the Center green LED. Once this LED is reached the note is in tune.



If the LED(s) to the right of the center green LED are lit, then the note is sharp. Tune the string down until the center green LED is lit - the note should then be “in tune”.

RT80 Specifications

Power Output	80 Watts
Speakers	12” Velocity High Definition by Rocktron
EQ	Treble Middle Bass Active Shelving Active Bandpass Active Shelving
Outputs:	Line Preamp 1/4” jack 2x1/4” jack
Headphone Output	1x4” jack
Effects Loop	2x1/4” jack
Channels	Overdrive and Clean (Footswitchable)
Reverb	Spring (Footswitchable)
Scoop	Bandstop
Dimensions	20”H x 12” W x 18”D
Weight	38.38 lbs. (17.40kg.)
Power Requirements	100 Volts AC 50/60Hz or 117 Volts AC, 50/60Hz or 220/240 Volts AC, 50/60Hz, as specified on chassis

Check out some of our other products:

Rack Gear:

Gainiac (*preamp w/12ax7 tube*)

Chameleon 2000 (*preamp w/multi-effects*)

Voodoo Valve (*preamp w/12ax7 tube and multi-effects*)

Prophesy (*our top of the line preamp with multi-effects*)

Intellifex On Line (*Multi-effects processor*)

HUSH Super C (*guitar noise silencing system*)

Stomp Boxes:

Rampage Distortion, Tsunami Chorus, Austin Gold Overdrive, Orange Peel Phaser

HUSH The Pedal, Surf Tremolo

Guitar Amplifiers:

RepliTone (*Digital Guitar Amplifier with Built-in Multi-effects*)

RT122C (*120 W 2x12 Amp w/Stereo Chorus, Reverb & Built-in Chromatic Tuner*)

ACOUSTIC (*60 Watt Acoustic Amp with Chorus & Reverb*)

R50C (*50 Watt 2x8" Guitar Amp w/Reverb & Chorus*)

R20 (*20 Watt 1x8" Amp w/Reverb*)

R10 (*10 Watt 1x6" Guitar Amp*)

Foot Controllers:

MIDI Mate (*Midi Foot Controller*)

All Access (*Midi Foot Controller*)

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.

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