

ROCKTRON

TECHNOLOGY FOR GUITARISTS

Sacred Fire Compressor Instruction Manual



This pedal is:



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.

Compliance



Your Sacred Fire Compressor™ pedal has been tested and complies with the following Standards and Directives as set forth by the European Union:

Council Directive(s): 89/336/EEC Electromagnetic
Compatibility

Standard(s): EN55013, EN50082-1

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 and output connections. This will help insure compliance with the Directive(s).

For more information about other Rocktron products, please see your local dealer or one of our importers closest to you (listed on the Rocktron website (www.rocktron.com)).

Read all instructions contained in this manual.

Keep these instructions

Heed all warnings

Follow all instructions.

Do not use this apparatus near water.

Clean with dry cloth.

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Precautions

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

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

Do not block any ventilation openings (if applicable). Install in accordance with the manufacturer's instructions.

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

This product is not equipped with a plug or cable. This pedal runs on a 9 Volt Battery, if a 9Volt DC adapter is the used please follow adapter manufacturer's operation instructions.

Only used attachments/accessories specified by the manufacturer.

Do not use this product with any case, stand tripod, bracket or table that is not specified by the manufacturer. Insure that the case, stand, tripod, bracket etc. is properly adjusted and setup (follow all instructions). Extra care and caution should be taken to avoid tip over and injury.

Unplug this apparatus during lightening storms or when unused during long periods of time.

Introduction

Reliable function and the ability to protect your tone while providing the best compression is what the Sacred Fire Compressor is all about! This compressor provides smooth dynamic attack and release.

Part of the Rocktron Boutique Series of stomp boxes this pedal design comes in a rugged metal chassis with eye popping retro custom design laser etched artwork. This is a TRUE BYPASS pedal: when you turn it off...it is out of your signal path!

Controls include GAIN for controlling the Output level (makeup gain) after compression is applied. THRESHOLD controls the level at which compression is performed. SACRED FIRE control determines the amount of compression applied when the threshold has been reached.

The concept of a compressor is to make loud sounds softer and soft sounds louder, letting you avoid peaks in the sound and providing a means to keep the volume even. For guitar, you want a consistent volume level across all strings. A good compressor will also provide more sustain. As a plucked string's volume dies out, the Sacred Fire will provide automatic gain control to keep the volume of the note(s) at a consistent level.

You can achieve lusher and richer sounds when combining the Sacred Fire with other effects such as chorus and flanger. When playing chords without distortion (clean), the sustain control helps all the strings become clearer and more distinct while the overall sound will ring with a similar volume level. The Sacred Fire will allow you to hear every note – even more of a desire when using 7-string guitars or guitars with heavy gauge strings.

Sustain is an important part of your playing, and using Rocktron's Sacred Fire Compressor will help you achieve more powerful sustain, especially for your high tones.

Place a Sacred Fire Compressor in your signal chain after the guitar or bass, but before other processing. Thus, if you are using any other stomp boxes, put the Sacred Fire first, then follow with your distortion pedal, delay and so on.

The footswitch on the Sacred Fire controls On/Off status (indicated by the LED). This stomp box runs on a 9V Alkaline battery. You may also use the Rocktron DC OnTap Universal Power Adaptor.

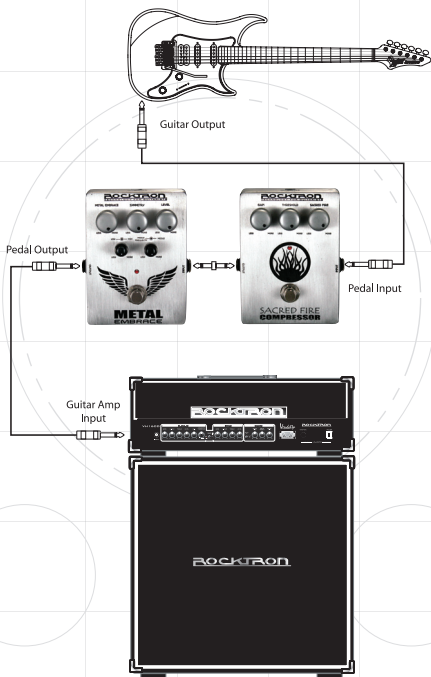
Descriptions



Descriptions continued.....

- 1 GAIN Control - This control determines the amount of output level (makeup gain) after the compression is applied.
- 2 THRESHOLD Control - This control determines the level at which compression is performed.
- 3 9VDC Input - This input jack provides 9VDC power to the pedal from the Rocktron DC OnTap 9V power supply (sold separately).
- 4 SACRED FIRE Control - This control determines the amount of compression that will be applied to the signal when the threshold has been reached.
- 5 ON/OFF Led - This LED shows if the pedal is on or off. When the LED is light the pedal is on. When the LED is not light the pedal is off.
- 6 INPUT Jack - Using a standard 1/4" guitar cable, plug your guitar into this jack.
- 7 FOOTSWITCH - Use this switch to turn on or off the pedal. The On/Off Led will show you if the pedal is on or off.
- 8 OUTPUT Jack - This jack provides the output of the effect. Use a 1/4" guitar cable to plug into the next effect or into a guitar amplifier.

Typical Connection



Specifications

Maximum Input	3dBu
Maximum Output	7dBu
Input Impedance	2.2M Ω
Output Impedance	10 Ω
Current Consumption	42mA
Power Requirements	9V Alkaline Battery or Rocktron DC OnTap Universal Power Supply (sold separately)
Dimensions	95mm x 122mm x 56mm 3.75" x 4.75" x 2.25"
Weight	420g 14.81 oz

How to change the battery:

To change the battery, turn the pedal over and remove the 4 screws on the bottom. Remove the back cover. Carefully remove the old battery and replace it with a new 9V Alkaline battery. Replace battery in the same area as the old battery was located. Place the back cover on the pedal and re-insert the screws.

Save yourself tons of money in batteries by using the Rocktron DC OnTap Universal Power Supply to power this pedal (sold separately). The Rocktron DC OnTap provides a constant flow of power to the pedal, unlike a battery that will degrade over time. The Rocktron DC OnTap Universal Power Supply can also power up to 20 pedals and can be used with both 110V and 220V power sources.

Check, www.rocktron.com for more information on the DC OnTap and where to purchase.

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