

ROCKTRON

TECHNOLOGY FOR GUITARISTS



Reaction Chorus Instruction Manual



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 Reaction Chorus™ 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

A chorus unit is a workhorse in any guitar player's setup, providing texture to your sound. The Rocktron Reaction Chorus offers a deep palette of warm, lush multi-voiced chorusing that will make you wonder why you waited so long to try this stomp box!

The Reaction Chorus is a pure analog chorus that utilizes the classic BBD sought out and used by the most discriminating players. A chorus should add color, but not change your tone! The Reaction Chorus has the features you demand with transparency, a creamy fluidness of its predecessors, but the ability to leave your tone intact!

Rocktron's Reaction Series pedals are built into a rugged metal slim form factor chassis, taking up as little space as possible on your pedalboard. The Reaction Chorus is a TRUE BYPASS pedal: when you turn it off...it is out of your signal path!

Controls include RATE which controls the speed of the LFO waveform used to modulate the delay. DEPTH controls the delay line maximum travel time and intensity; this adjusts the amount of modulation. INTENSITY controls the amount of chorus effect that is added to your signal.

Introduction continued.....

For the best result, place the Reaction Chorus after your distortion in the signal chain. If you are using multiple stomp boxes, place the Reaction Chorus after your distortion. When using a variety of pedals, such as delays and other modulation effects, try the Reaction Chorus in different parts of the signal chain until you find a sound that works best for you.

If your amp has an effects loop, try putting the chorus in the effects loop for a different sound; (just follow the instructions in your amplifier manual when connecting to your effects loop).

The footswitch on the Reaction Chorus controls On/Off status as shown by the LED indicator. Reaction stomp boxes run on a 9V Alkaline battery, or may also be powered by Rocktron's DC OnTap Universal Power Supply adaptor.

Descriptions



Descriptions continued.....

- 1 RATE Control - This control determines the rate of speed of the LFO waveform
- 2 DEPTH Control - This control determines the length of the LFO waveform.
- 3 9VDC Input - This input jack provides 9VDC power to the pedal from the Rocktron DC OnTap 9V power supply (sold separately).
- 4 INTENSITY Control - This control determines the controls the amount of effect added to the output.
- 5 ON/OFF Leds - These LEDs shows if the pedal is on or off. When the LED is lit the pedal is on. When the LED is not lit the pedal is off.
- 6 BATTERY COMPARTMENT and COVER - The 9V battery can be found in this compartment.
- 7 INPUT Jack - Using a standard 1/4" guitar cable, plug your guitar into this jack.

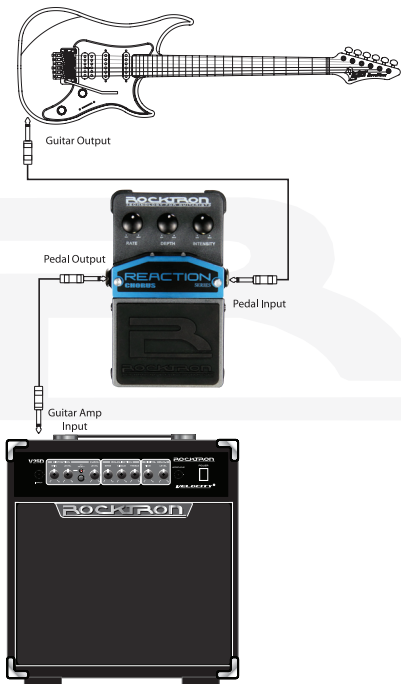
Descriptions continued.....

- 8 THUMB SCREWS for Battery Compartment.
Unscrew these thumb screws to access the battery compartment.


- 9 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.

- 10 OUTPUT Jack - Using a standard 1/4" guitar cable you can plug in another pedal from this jack or plug directly into your amplifier.

Typical Connection



Specifications

Maximum Input	3dBu
Maximum Output	1.3dBu
Input Impedance	470K Ω
Output Impedance	220 Ω
Current Consumption	15mA
Power Requirements	9V Alkaline Battery or Rocktron DC OnTap Universal Power Supply (sold separately). Negative Tip
	
Dimensions	125mm x 78mm 61mm 5" x 3.25" x 2.5"
Weight	0.7kg 1.5lbs

How to change the battery:

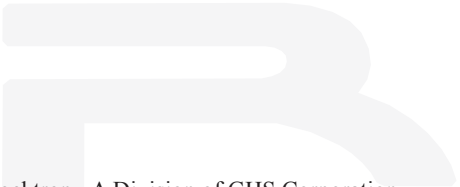
To change the battery, remove the thumb screws on the top of the pedal and remove the battery compartment cover. Remove the old battery and replace it with a new 9V Alkaline battery. Replace battery in the same area as the old battery was located. Place the battery compartment cover on the pedal and re-insert the thumb screws.

Save yourself tons of money in batteries buy using the Rocktron DC OnTap Universal Power Supply to power this pedal (sold seperately). 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 Univeral 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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