

# ROCKTRON

TECHNOLOGY FOR GUITARISTS

## Deep Blue 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.



Your Deep Blue™ 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](http://www.rocktron.com)).

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## Precautions

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

## **Precautions Continued....**

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.

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.

## **Introduction**

Congratulations on your purchase of the Rocktron Deep Blue Chorus Pedal.

The Deep Blue chorus pedal provides a smooth multi-voiced chorus, rich in depth and lush in intensity.

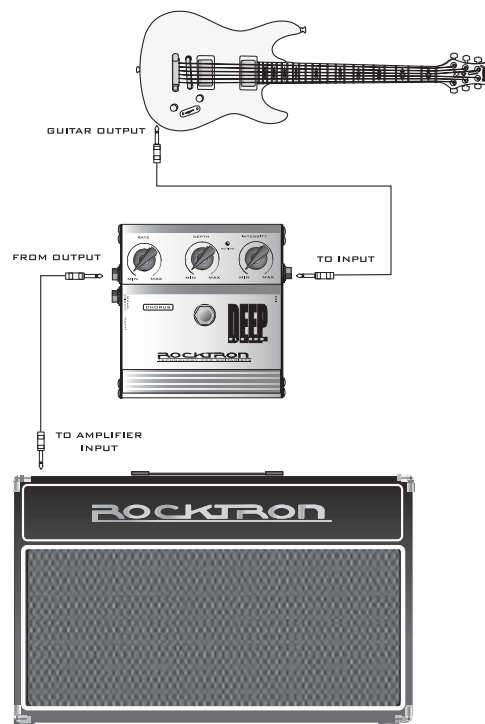
Separate Rate, Depth and Intensity controls allows for a wide range of chorusing.

The Deep Blue is built into a super tough road worthy extruded aluminium chassis. This pedal will stand up to the abuses of time and road wear and tear.

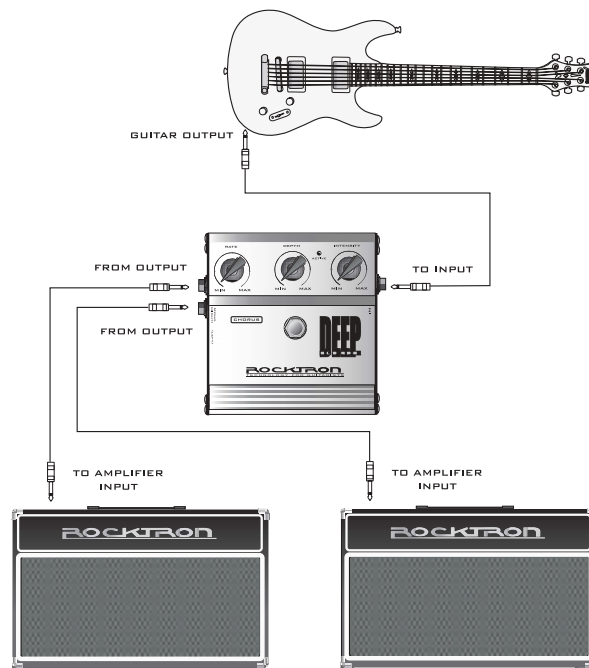
The easy access battery compartment will make changing batteries during a gig a breeze. We have also equipped it with a super bright blue LED so you will know when the pedal is on...it is also just plain cool!

Enjoy

## Connection 1

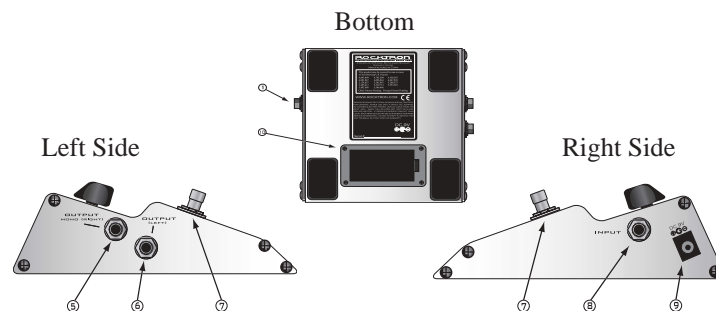


## Connection 2





- 1 Rate Control - Adjusts the speed of the modulation. Turning this control clockwise increases the speed. Turning it counter-clockwise decreases the speed.
- 2 Depth Control - Adjusts the amount of modulation. Turning it clockwise increases the depth of modulation. Turning it counter-clockwise decreases the depth of modulation
- 3 Active LED - When lit the pedal is “active” or “on”
- 4 Intensity Control - Adjusts the amount of Chorus effect that is added to the signal. Turning it clockwise increases the amount of chorus added. Turning it counter-clockwise decreases the amount of chorus added.
- 5 Output Jack - Using a standard guitar cable with a 1/4” jack, plug into the input of your guitar amplifier or next stomp box in the signal chain. When using the Deep Blue in mono (plugging into only one amplifier) use this output jack. When using in stereo (plugging into two amplifiers) use this jack for the right side out.



- 6 Output Jack - when using it in stereo (plugging into two amplifiers) use this output jack for left side out.
- 7 On/Off Switch - This switch determines whether the pedal is “active” or “bypassed” - When “active” the blue LED will be lit. When bypassed the LED will not be lit.
- 8 Input - Using a standard guitar cable with a 1/4” jack, plug your guitar into this jack.
- 9 DC 9V Input - To use external power (not provided) use only a 9-Volt DC adapter
- 10 9-Volt Battery Compartment - to access pull on small tab labeled “OPEN”. Replace with a new 9-Volt battery. Always remember to unplug your guitar cords from the pedal to conserve battery life. Some battery drain may take place when unit is plugged in (even if the unit is bypassed).



## Specifications

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|                            |              |
|----------------------------|--------------|
| <b>Maximum Input</b>       | -5dBu        |
| <b>Input Impedance</b>     | 1M ohm       |
| <b>Current Consumption</b> | 30ma         |
| <b>Power Requirements</b>  | 9VDC <=300ma |

*\* CE Approved \**

### Hints and Tips:

Chorus pedals usually sound better when placed after distortion in the signal chain. Thus, if you are using stomp boxes, put the chorus pedal after the distortion. If using multiple pedals such as delays and other modulation effects, try the Deep Blue in different parts of the signal chain until you find the sound you like best.

If you have an effects loop in your amplifier - try putting the chorus in the effects loop for a different sound (please follow all instructions in your amplifier manual when connecting to your effects loop).

## Other Rocktron Products

### Rack Gear:

**Gainiac** (*preamp w/12ax7 tube*)

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

**RepliTone MP**(*modelling preamp w/multi-effects*)

**Xpression** (*multi-effects processor*)

**Blue Thunder** (*bass preamp w/multi-effects*)

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

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

**HUSH® Super C** (*guitar noise silencing system*)

**Vendetta VP4 Preamp** (*All Tube 4-Channel Guitar preamp - 2 Rack Space*)

**Velocity® 100** (*2x50W Stereo Power Amp for Guitar*)

### Stomp Boxes:

**Rampage Distortion, Tsunami Chorus, Austin Gold Overdrive,**

**Vertigo Vibe Rotating Vibe Pedal, HUSH® The Pedal,**

**Sonic Glory Overdrive, Short Timer Digital Delay,**

**Big Crush Compressor, Metal Planet Distortion**

**Silver Dragon Tube Distortion Pedal,**

**Black Cat Moan Wah Wah**

**Banshee Talk Box**

### **Foot Controllers:**

**MIDI Mate** (*Midi Foot Controller*)      **MIDI XChange**(*MIDI Footcontroller*)  
**All Access**® (*Midi Foot Controller*)      **HEX** (*Expression Pedal*)  
**RMM900**(*7-pin Din MIDI Cable*)      **RM4** (*MIDI Controller for Vendetta amps*)  
**RFS1 and RFS2** (*Single and Double Latching Footswitchs for Rampage Amps*)

### **Electric Guitar - Acoustic Guitar and Bass Amplifiers:**

**Vendetta Head**(*100 W Head 4-Channels All Tube - MIDI Switchable*)  
**Vendetta Combo** (*100W 2x12 Combo Celestion 90s all Tube4-Channel MIDI Switchable*)  
**R80DSP** (*80W 1x12 Amp w/Digital Effects*)  
**RT80** (*80W 1x12 Amp w/Reverb & Built-in Tuner*)  
**R120DSP** (*120W 2x10 Amp w/Digital Effects*)  
**RT122C** (*120W 2x12 Amp w/Stereo Chorus, Reverb & Chromatic Tuner*)  
**R50DSP** (*50 Watt 2x8"Guitar Amp w/Digital Effects*)  
**R50C** (*50 Watt 2x8"Guitar Amp w/Reverb & Chorus*)  
**R20** (*20 Watt 1x8"Amp w/Reverb*)      **R10** (*10 Watt 1x6.5"*)  
**ACOUSTIC** (*60 Watt Acoustic Amp with Chorus & Reverb*)  
**RA50DSP** (*50W Acoustic Amp w/Digital Effects - Wedge Shape*)  
**RA30DSP** (*30W Acoustic Amp w/Digital Effects - Wedge Shape*)  
**RB20** (*Bass Amp 20W with 8" Speaker*)      **RB30** (*Basss Amp 30W with 10" Speaker*)  
**RB60** (*Bass Amp 60W with 12" Speaker*)  
**RB100** (*Basss Amp 100W with 15" Speaker*)

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TECHNOLOGY FOR GUITARISTS

**DEEP**  
BLUE

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