

**ROCKTRON**  
TECHNOLOGY FOR GUITARISTS

# HYPNOTIC FLANGE

## FLANGER PEDAL



- A UNIQUE TWIST ON THE FLANGER PEDAL
- FUNCTIONS AS A STANDARD FLANGER PEDAL AND INCLUDES ROCKTRON'S NEW HYPNOTIC MODE.
- A RANDOM LOW FREQUENCY OSCILLATOR THAT DANCES ANYWHERE FROM AN "ARPEGGIO" SOUND TO A "RANDOMIZED" CHORUS SOUND.
- TRANCE CONTROL RANDOMIZES THE LOW FREQUENCY OSCILLATOR
- MONO/STEREO OUTPUT IN A HEAVY DUTY CHASSIS.

### 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 Hypnotic Flange™ 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**

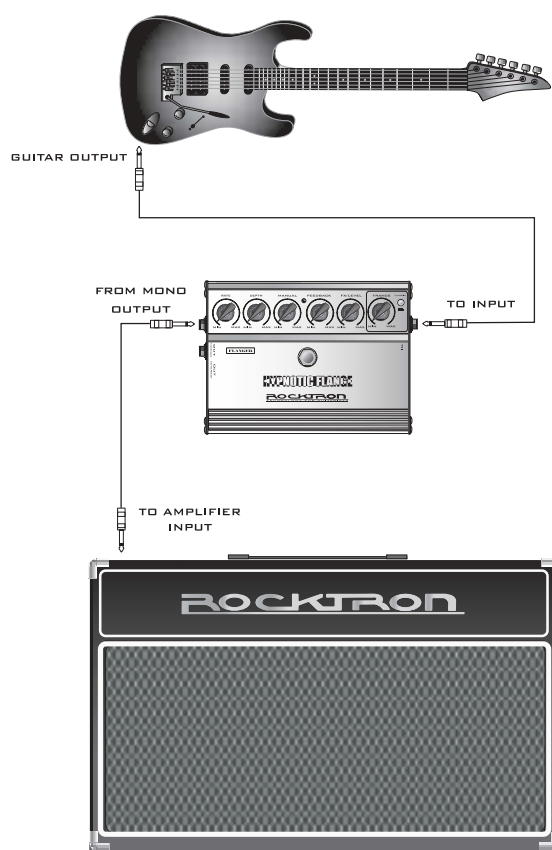
Congratulations on your purchase of the Rocktron Hypnotic Flange.

The Hypnotic Flange offers some unique twists on the flanger pedal. The Hypnotic Flange takes modulation to a new level with the hypnotic mode that becomes a *random* low frequency oscillator. This mode dances anywhere from an arpeggio sound to a randomized chorus sound. RATE controls the speed of the modulation, while DEPTH controls the intensity of the modulation. MANUAL control changes the modulation delay time. FEEDBACK control varies the regeneration of the modulated output. TRANCE randomizes the low frequency oscillator, and trust us, you have not heard anything quite like this. An FX/LEVEL control is also provided, along with single input, mono/stereo output.

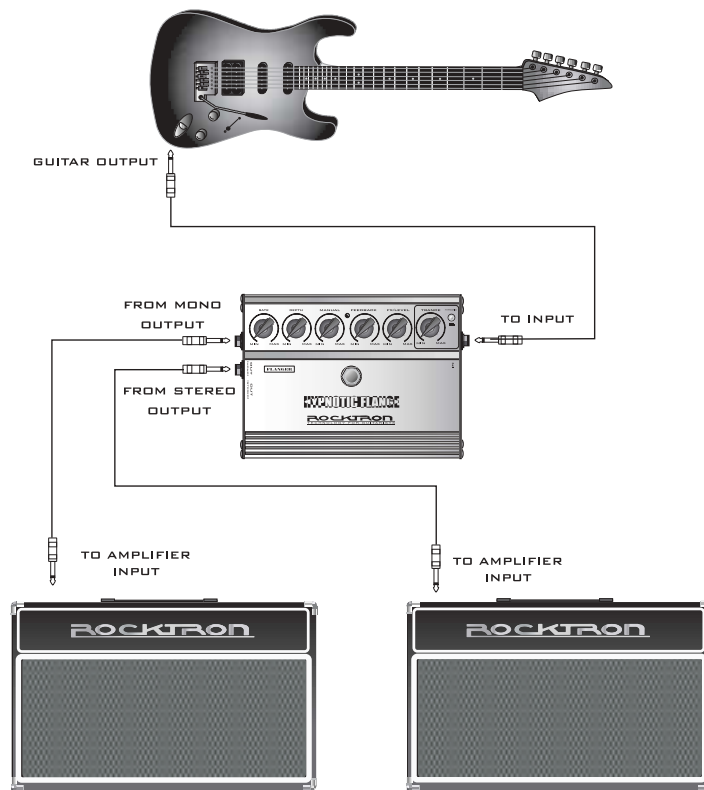
The easy access battery compartment will make changing batteries during a gig a breeze. We have also equipped it with a super bright blue LED so you will know when the pedal is on...it is also just plain cool!

Enjoy

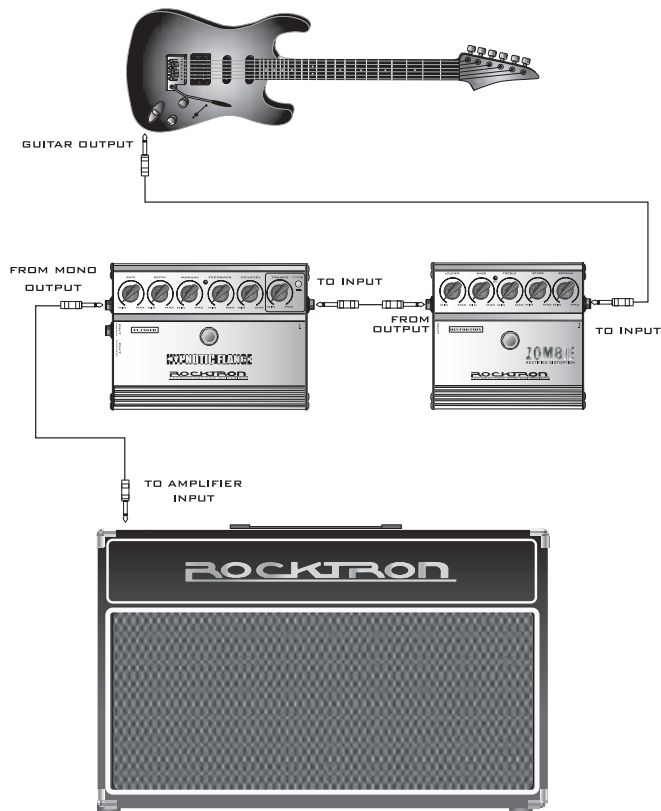
## Connection 1



## Connection 2

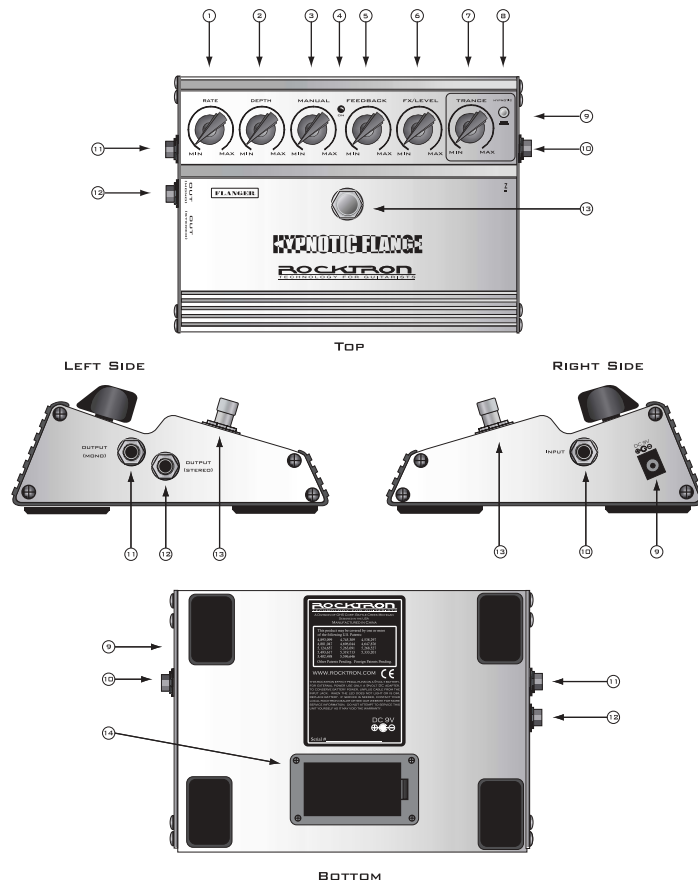


## Connection 3



## Controls

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## Controls

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- 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 Manual Control - Adjusts the modulation delay time. Turning it clockwise increases the delay time - turning it counter clockwise decreases the delay time.
- 4 Active LED - When lit the pedal is “active” or “on”
- 5 Feedback Control - FEEDBACK control varies the regeneration of the modulated output. Turning it clockwise increases the feedback - Turning it counter-clockwise decreases the feedback
- 6 FX/Level Control - Adjusts the amount of effect mixed in with the input signal. Turning it clockwise increases the level of effect mixed with the input signal. Turning it counter-clockwise decreases the level of effect mixed with the input signal.

### **Trance Control and Hypnotic Mode Button**

The Hypnotic mode is a *random* low frequency oscillator. This mode dances anywhere from an arpeggio sound to a randomized chorus sound. Please see the “Hypnotic Flange Settings” section in this manual for suggested settings.

- 7 Trance Control - randomizes the low-frequency oscillator. To engage the low frequency oscillator press the Hypnotic mode button - point number 8. Turning it clockwise increases the Feedback - Turning it counter-clockwise decreases the Feedback
- 8 Hypnotic Mode Botton - Press this button to engage the low-frequency oscillator.

## Controls *Continued*

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- 9 DC 9V Input - To use external power (not provided) use only a 9-Volt DC adapter
- 10 Input - Using a standard guitar cable with a 1/4" jack, plug your guitar into this jack.
- 11 Output (Mono) Jack - When using the Hypnotic Flange in mono connect a standard guitar cable with a 1/4" jack connect to your next effect or directly into your amplifier.
- 12 Output (Stereo) Jack - When using the Hypnotic Flange in stereo (for example plugging into two amplifiers) use this output jack for left side out.
- 13 On/Off Switch - This switch determines whether the pedal is "on" or "off" - When ON the blue LED will be lit. When OFF the LED will not be lit.
- 14 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).

Hypnotic settings (Clean) \_\_\_\_\_

**FLANGORUS**  
(HYPNOTIC BUTTON OUT)



**FAST LITE ROTARY**  
(HYPNOTIC BUTTON OUT)



Hypnotic settings (Clean) \_\_\_\_\_

**JET ARPEGGIO**  
(HYPNOTIC BUTTON OUT)



**STRAWBERRY SHORTCAKE**  
(HYPNOTIC BUTTON OUT)



RATE CONTROL - SET FROM 4:00 TO MAX  
ADJUST TO TASTE.

MANUAL CONTROL - SWEEP THE CONTROL TO  
FIND DESIRED HARMONIC  
WHILE PICKING A STRING.

Hypnotic settings (Clean) \_\_\_\_\_

**STRAWBERRY FIELDS**  
(HYPNOTIC BUTTON IN)



**HARMONIC TREMOLO**  
(HYPNOTIC BUTTON IN)



MANUAL CONTROL - ON HARMONIC TREMOLO SWEEP THE CONTROL TO FIND DESIRED HARMONIC WHILE PICKING A STRING FOR BOTH OF THE ABOVE SETTINGS.

Hypnotic settings (Clean)

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**WHIP N POST**  
(HYPNOTIC BUTTON IN)



**ARPEGGIO DANCE**  
(HYPNOTIC BUTTON IN)



RATE CONTROL - ON WHIP N POST START AT  
3:00 - 4:00 AND ADJUST  
TO TASTE.

Hypnotic settings (Distortion) \_\_\_\_\_

**AIN'T TALKIN BOUT NUTIN**  
(HYPNOTIC BUTTON OUT)



**LIQUID SOLO**  
(HYPNOTIC BUTTON OUT)



RATE CONTROL - ON AIN'T TALKIN START AT 8:00 AND ADJUST TO TASTE.

Hypnotic settings (Distortion) \_\_\_\_\_

**SRV**  
(HYPNOTIC BUTTON OUT)



**ROCK N ROBIN**  
(HYPNOTIC BUTTON OUT)



RATE CONTROL - ON SRV START AT 3:00-5:00  
AND ADJUST TO TASTE.  
RATE CONTROL - ON ROCK N ROBIN START AT  
2:00-3:00 AND ADJUST TO TASTE.



## Hypnotic settings (Distortion)

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### JIMI SIGHS (HYPNOTIC BUTTON IN)



### TRACTOR BEAM (HYPNOTIC BUTTON IN)



RATE CONTROL - ON JIMI SIGHS START AT 4:00 -  
MAX AND ADJUST TO TASTE.

RATE CONTROL - ON TRACTOR BEAM START AT  
4:00-MAX AND ADJUST TO TASTE.

Hypnotic settings (Distortion) \_\_\_\_\_



RATE CONTROL - ON HARMONIC VIBE START AT 1:00  
AND ADJUST TO TASTE.

## Specifications

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<b>Maximum Input</b>	+4dBu
<b>Input Impedance</b>	470K
<b>Current Consumption</b>	15mA
<b>Power Requirements</b>	DC9V>100mA built-in regulator

*\* CE Approved \**

### **Hints and Tips:**

Flanger pedals usually sound better when placed after distortion in the signal chain. Thus, if you are using stomp boxes, put the Hypnotic Flange pedal after the distortion. If using multiple pedals such as delays and other modulation effects, try the Hypnotic Flange 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 Flanger in the effects loop for a different sound (please follow all instructions in your amplifier manual when connecting to your effects loop).

## Rocktron Products

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### Preamps

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

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

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

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

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

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

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

### Rack Effect Processors

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

### Noise Reduction

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

**HUSH® The Pedal**

### Power Amplifier for guitar

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

## Rocktron Products

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### Distortion/Overdrive Pedals

Silver Dragon Tube Multi-Distortion Pedal

Metal Planet Distortion

Zombie Rectified Distortion

Rampage Distortion

Sonic Glory Overdrive

Austin Gold Overdrive

Nitro Tonal Enhancer/Booster

### Effect Pedals

Hypnotic Flange

Tsunami Chorus

Vertigo Vibe Rotating Vibe Pedal

Short Timer Digital Delay

Big Crush Compressor

Pulse Tremolo

Nitro Tonal Enhancer/Booster

Heart Attack Dynamic Filter

### Essential Pedals

HUSH® The Pedal

X-Tune Chromatic Tuner

Black Cat Moan Wah Wah

Banshee Talk Box

## Rocktron Products

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### Tube Guitar Amplifiers

**Vendetta Head** (100 W Head 4-Channels All Tube - MIDI Switchable)

**Vendetta Combo** (100W 2x12 Combo Celestion 90s all Tube 4-Channel MIDI Switchable)

### Rampage Guitar Amplifiers

**R30RW** (30W 1x10 Amp w/built in Digital Recorder)

**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")

### Rampage Acoustic Amplifiers

**RA50DSP** (50W Acoustic Amp w/Digital Effects - Wedge Shape)

**RA30DSP** (30W Acoustic Amp w/Digital Effects - Wedge Shape)

## Rocktron Products

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### **Rampage Bass Amplifiers**

**RB20** (*Bass Amp 20W with 8" Speaker*)

**RB30** (*Bass Amp 30W with 10" Speaker*)

**RB60** (*Bass Amp 60W with 12" Speaker*)

**RB100** (*Bass Amp 100W with 15" Speaker*)

### **Foot Controllers and Accessories:**

**MIDI Mate** (*Midi Foot Controller*)

**MIDI XChange** (*MIDI Foot Controller*)

**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 Footswitches for Rampage Amps*)

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TECHNOLOGY FOR GUITARISTS

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