

**ROCKTRON**  
TECHNOLOGY FOR GUITARISTS

# ZOMBIE

RECTIFIED DISTORTION



- MONSTROUSLY HEAVY SOUND THAT CUTS THROUGH THE MIX.
- "RECTIFIED" ASYMMETRIC DISTORTION WITH USER CONTROL OF THE SYMMETRY BALANCE OF THE DISTORTION OUTPUT WAVEFORM.
- ASYMMETRIC CONTROL CREATES PSYCHO-ACOUSTIC 3D SOUND POSITIONING.
- HEAVY DUTY CHASSIS WITH EASY ACCESS BATTERY COMPARTMENT

## 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 Zombie™ 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 lightning 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.

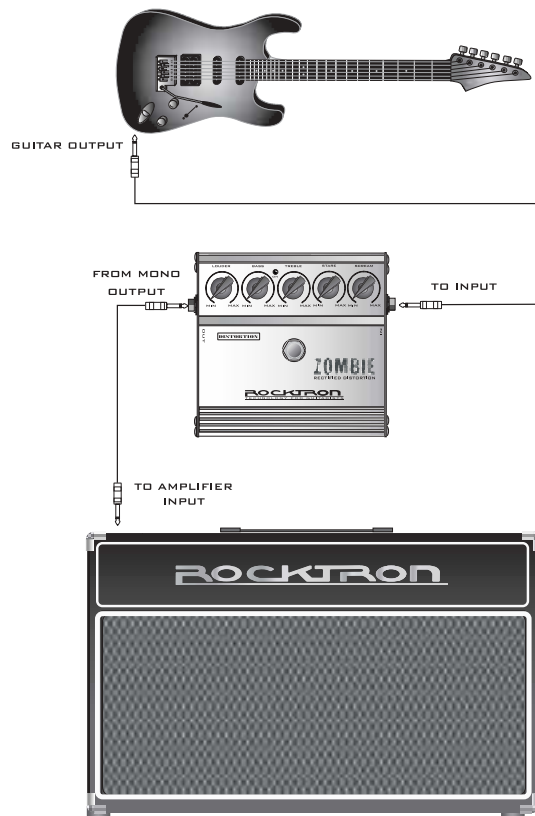
## **Introduction**

Congratulations on your purchase of the Rocktron Zombie.

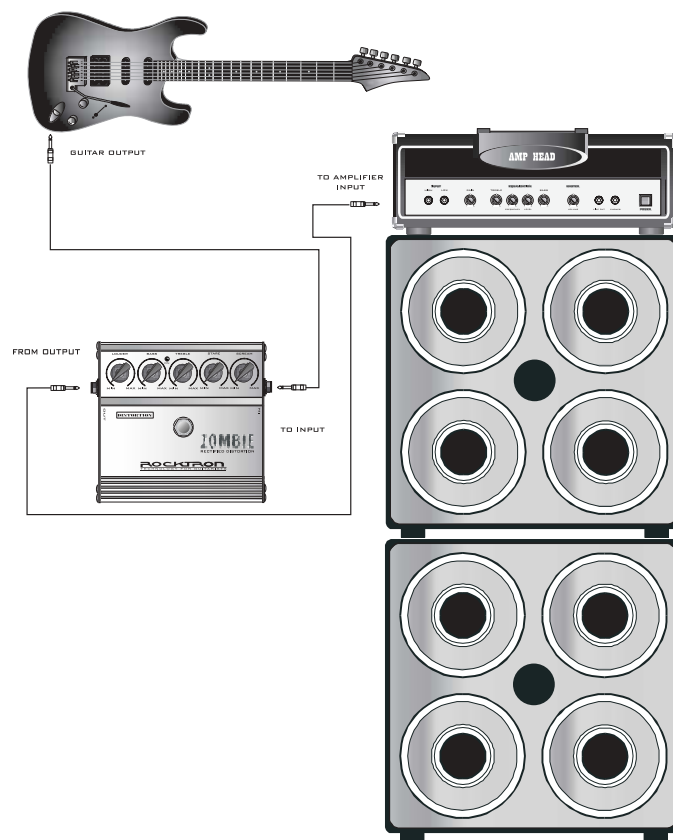
You will swear your sound gets right up and walks out of your cabinet! With an absolutely monstrously heavy sound, the Zombie creates a rectified asymmetric distortion with user control of the symmetry balance of the distortion output waveform. In essence, this creates the psycho-acoustic 3D sound positioning effect that will make your sound jump out of its cabinet. The Zombie gives you distortion that cuts through the mix and two bands of EQ are also provided. Gain control is noted as SCREAM and the output control is marked LOUDER. Symmetry control is called STARE. Go ahead, rip their hearts out.

Enjoy

# Connection 1

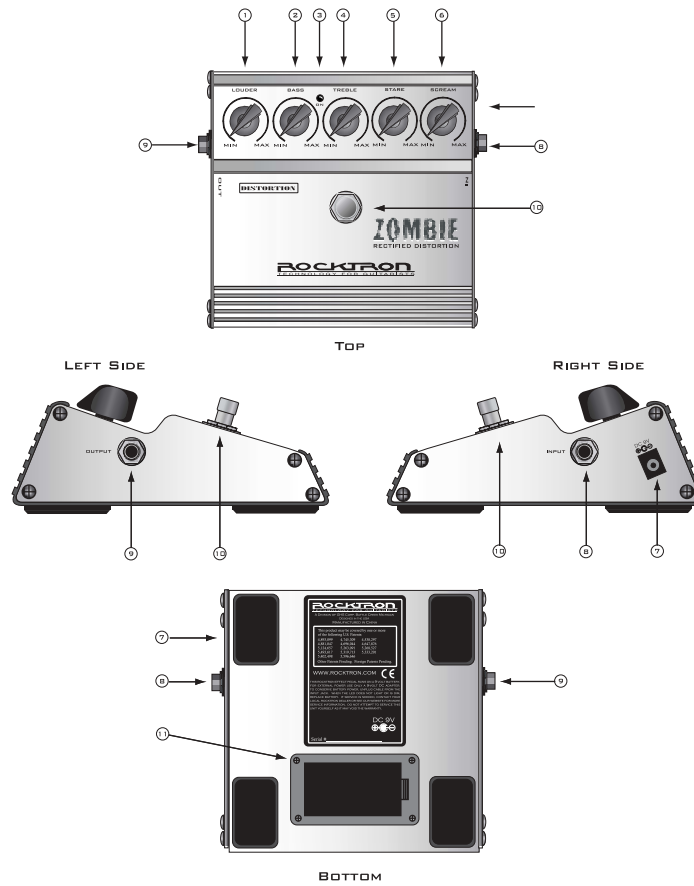


## Connection 2 -



## Descriptions

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## Descriptions

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- 1 LOUDER Control - This control adjusts the overall output of the pedal. Turning this control clockwise will increase the output level of the pedal. Turning this control counter-clockwise will decrease the output level of the pedal..
- 2 BASS Control - This control adjusts the overall bass frequencies. Turning the knob clockwise will increase the amount of bass. Turning the knob counter-clockwise will decrease the amount of bass.
- 3 TREBLE Control - This control adjusts the overall treble frequencies. Turning the knob clockwise will increase the amount of treble. Turning the knob counter-clockwise will decrease the amount of treble.
- 4 ON LED - this LED will light when the Zombie is active - press the Footswitch (see point 10) to activate the Zombie.
- 5 STARE Control - This control adjusts the symmetry of the distortion. Turning the control clockwise increases the symmetry offset of the distortion waveform. Turning the control counter-clockwise decreases the symmetry offset of the distortion waveform.
- 6 SCREAM Control - This control is adjusts the rectified distortion . Turning the knob clockwise will increase the amount of distortion. Turning the knob counter-clockwise will decrease the amount of distortion.
- 7 DC 9V Input - To use external power (not provided) use only a 9-Volt DC adapter



## Descriptions

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- 8 Input - Using a standard guitar cable with a 1/4" jack, plug your guitar into this jack.
- 9 Output - Using a standard guitar cable with a 1/4" jack, plug into your amplifier.
- 10 FOOTSWITCH - to turn on or "activate" the Zombie press this switch.
- 11 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>	+8dBu
<b>Input Impedance</b>	1M
<b>Current Consumption</b>	15mA
<b>Power Requirements</b>	DC9V>100mA Built In regulator

*\* CE Approved \**

### **Hints and Tips:**

Below are some setup suggestions that will help make your ZOMBIE come alive for you....

#### **ZOMBIE APPLICATIONS:**

The ZOMBIE is recommended to be used with an ALL TUBE guitar amplifier to deliver rectified distortion. It can take a plain sounding TUBE amp and produce rectified distortion that rivals the sound of the most expensive amplifiers in this class. To do this simply follow the directions below and you will soon realize the potential of the ZOMBIE to transform bring your amp back to life.

1. Before using the ZOMBIE adjust your amplifier for the best CLEAN sound you can get with your guitar. This will be the Clean sound you will return to after using the ZOMBIE.

2. Set the ZOMBIE controls to start with.... You can experiment later....

LOUDER = 10:00 O'clock

BASS = MAX

TREBLE = 12:00 O'clock

STARE = FULL COUNTER CLOCKWISE

SCREAM = 12:00 O'clock

3. Turn the ZOMBIE on and adjust your BASS and TREBLE to get you close to the desired sound.
4. Now slowly turn the STARE control and notice the change.
5. You may want to adjust the BASS and TREBLE to compensate for this change.

NOTE: STARE CONTROL: The STARE Control has a very pronounced and noticeable effect on the perception of the distortion. A little goes a long way. This control actually changes the symmetry of the wave form..... A guitar produces sine waves. A SINE WAVE is like a circle that has been cut in half with one half going up and the other half going down. The half going up is know as the positive excursion and the half going down is called the negative excursion. The STARE Control allows the negative portion of the wave form to become larger than the positive portion. This creates more harmonics to be produced as it drives the tube. If you turn the STARE Control full counter clockwise the distortion will be symmetrical. Both positive and negative portions are equal size. As you turn the STARE control clockwise the negative portion will begin to increase in size, this causes the negative portion to begin distorting before positive portion thus creating asymmetrical distortion.... This is what gives the auditory impression of a more in your face sound emanating from your cabinet. Please experiment and have fun raising the dead with the ZOMBIE.....

SYMMETRICAL WAVEFORM



ASYMMETRICAL WAVEFORM



## 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*)

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

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

### 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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