

AGE
TECHNOLOGY



*Ray's
Pedals*

STARTUP
LINE





Ray's Pedals

FROM THE CHAIRMAN



We from RGe Technology - Ray's Pedals would like to personally thank you for having purchased one of our effect pedals of the Startup Line series.

This series of circuits for musical instruments has been carefully crafted to offer musicians the greatest amount of parameters that a purely analog circuit could possibly provide.

Our line circuit has been financed by MCT, FINEP through the PRIME program for innovative technology.

We hope our pedal will help musicians to enhance their artistic production and boost their musical creativity.

**STARTUP
LINE**

SAFETY PRECAUTIONS

1. To get the most out of your equipment, please read our operation manual carefully and go to the site www.reyspedals.com for further instructions.
2. You should always seek authorized technical service for maintenance.
3. Do not open your Stompbox.
4. 9V DC Center Negative Regulated is required. Use PP3 or equivalent battery.
5. Unplug the pedal when not using it for an extended period.
6. Do not use the pedal in wet conditions or intense heat.
7. Do not use benzine, thinners, alcohol or solvents of any kind to clean the pedal body.

SETTING UP



SOURCE



THE SCREAMER

INTRODUCTION

The Screamer was designed to attend the musician lover of Classic Blues. The variety of effects, which is obtained by varying the pedal switches, makes it possible to play sounds clean to tube overdrive. The Screamer is amazing to change your sound. In Booster mode, the drive control functions as a wonderful Pre Amp, adding light saturation and creating a different dimension to the guitar sound. Favorite Sound: Dist/Off - Modern & Assym - Live.

FEATURES

- 1. Volume control:** Adjusts the signal level after the circuit.
- 2. LED indicator:** Shows when the circuit is on.
- 3. Tone:** Adjusts the pedal equalization, working as a classic passive tone.
- 4. Drive:** Adds saturation by causing harmonic distortions.
- 5. CLIPPING switch:** Modifies the technology style in the diodes clipping: Sym | Assym | Dist/off.
- 6. TYPE switch:** Varies the frequency range in three styles: Old | Modern | Live.
- 7. Input jack:** Connector that receives the cable from the guitar or to another effects pedal.
- 8. Output jack:** Connector that receives the cable that goes to the amplifier or to another effects pedal.
- 9. Foot Switch:** On | Off the circuit.
- 10. Battery Compartment:** Case, in the rear pedal, into which a 9V battery can be inserted.

SWITCH SPECIFICATIONS

CLIPPING Switch:

This switch offers three ways for the guitarist to produce the sound of your guitar. It switches the circuit on three different pedals: Pedal Booster and two type of Overdrive Pedals, each with special qualities.

When Booster pedal, the drive works as a preamplifier. When Overdrive pedal is possible to vary the symmetry of the diodes in: symmetric and asymmetric mode.

1. **Sym** – Symmetric diodes in Clip
2. **Assym** – Asymmetric diodes in Clip
3. **Dist/off** – Pedal Booster mode

TYPE Switch:

The TYPE changes the pedal equalization. Adds a different dimension to the sound every switch position. This mode affects how the musician interacts with Overdrive Pedal. You can turn the guitar into a bass with the OLD way.

1. **Old** – Amplifier with little treble
2. **Modern** – Amplifier mode Flat
3. **Live** – Amplifier with many treble

Be creative! build up a configuration setting for the sound of your guitar.

TECHNICAL SPECIFICATION

Source: 9V DC Current. J4 Connector with negative centre, 9V alkaline battery

Current Draw: 12 mA

Power: 110 mW

Number of effects: 9 effect variations

Controls: knobs (Volume, Drive, Tone)

Switches: CLIPPING (Sym, Assym, Dist/off)
TYPE (Old, Modern, Live)

Heavy Duty Switches: On | Off Pedal

Indicator: Green LED (for effect and battery)

Jacks: Jack J10 – Input and output

Input Impedance: 680 K Ω

Output Load Impedance: 1 K Ω

Dimensions and weight: 120x65x35 mm, 440g

Protection device: Protects the pedal in case of reverse voltage being applied (max = 50V)

Care and Base: Cover (Stainless AISI304, 2mm) Base (Iron SAE 1005/1008, 1.2mm, powder paint), PVC Anti-Slip, 9V PVC case battery

TROUBLE SHOOTING

	Check Battery	Check cables	Check controls	Check DC Inlet	Check amplifier	Check guitars
No output signal	✓	✓	✓	✓	✓	
Noise when bypass		✓				
Led turn off	✓			✓		
Sound too trebly or fizzy			✓		✓	
Sound too mushy or bass		✓			✓	
Unusual feedback		✓	✓		✓	✓
Unusual Hum		✓	✓	✓	✓	
Bass feedback			✓			✓

BATTERY REPLACEMENT



THE SCREAMER



**TUBE
SOUND**



**OVERDRIVE
SOUND**



**DISTORTION
SOUND**



**PEDAL
BOOSTER**

Mais configurações | More Settings | Más Opciones
www.rayspedals.com

CUSTOM SETTINGS
CONFIGURAÇÕES PERSONALIZADAS
CONFIGURACIONES CUSTOMIZADAS



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DRIVELEVEL

THE SCREAMER

ACTIVEFILTER

IMPORTANT | IMPORTANTE | IMPORTANTE

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