

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



DRIVELEVEL

INTRODUCTION

The DriveLevel circuit is designed to provide two functions: Booster -> control signal level; and Overdrive -> Drive and Volume control. The pedal also has two more key of three positions to provide more sonic possibilities.

The aim of the DriveLevel project is meet various musical styles, with a total of nine variations effects. Favorites Sounds: Vintage - Mid & Hard - High.

FEATURES

- 1. Volume Control:** Adjusts the signal level after the circuit.
- 2. LED indicator:** Shows when the circuit is on
- 3. Level Control:** Sets the signal level actively increasing the gain in dB as a Booster.
- 4. Drive:** Adds harmonic distortion to the circuit.
- 5. CLIPPING Switch:** Modifies the technology style in the diodes clipping: Vintage | Flat | Hard.
- 6. EQ Switch:** Adjusts the equalizer as a classic passive tone: Low | Mid | High.
- 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 :

DriveLevel switch CLIPPING offers three ways to process the signal from your guitar and build a great distortion: **LED** diodes type - Clean sounds; **Silicon** diodes - Overdrive sounds and **Germanium** diodes - Heavy sounds.

1. **Vintage** - Soft Distortion
2. **Normal** - Moderate Distortion
3. **Hard** - Heavy Distortion

EQ Switch:

EQ switch changes the equalization as a Classic Tone. Adds a different dimension to pedal at each switch position. This switch affects the way the musician interacts with the Drive control.

Try all the possibilities!

1. **Low** - Amplifier with bass
2. **Middley** - Amplifier equalized in Flat
3. **High** - Amplifier with trable

The switches combinations are responsible for the large difference between the Ray's Pedals effects and those of their competitors. Be creative! Buid 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: 10 mA

Power: 90mW

Number of effects: 9 effect variations

Controls: knobs (Volume, Drive, Level Control)

Switches: CLIPPING (Vintage, Flat, Hard)
EQ (Low, Mid, High)

Heavy Duty Switches: On | Off Pedal

Indicator: Yellow LED (for effect and battery)

Jacks: Jack J10 – Input and output

Input Impedance: 500 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 (máx = 50 V)

Caren 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



DRIVE LEVEL



**CLEAN
SOUND**



**OVERDRIVE
SOUND**



**DISTORTION
SOUND**



**METAL
SOUND**

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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