

## Pigtronix GDR

# Pigtronix Gamma Drive Overdrive Pedal

User Manual

## INTRODUCTION

The Pigtronix Gamma Drive is a versatile overdrive pedal designed to deliver a wide range of tones, from subtle boosts to aggressive, all-out grind. Its intuitive controls allow musicians to sculpt their sound with precision, making it an essential tool for any guitarist seeking dynamic and expressive overdrive.





Figure 1: Front view of the Pigtronix Gamma Drive Overdrive Pedal. This image displays the pedal's blue casing, the four control knobs (Volume, Gain, Treble, Bass), the footswitch, and the DC 9V power input label.

## KEY FEATURES

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- Overdrive Pedal with Treble Bass Controls
- Wide range of gain from subtle boost to heavy distortion
- Compact and durable design
- True bypass switching for signal integrity

## PACKAGE CONTENTS

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Upon opening the package, please ensure all the following items are present:

- Pigtronix Gamma Drive Overdrive Pedal
- User manual (this document)
- Connection Cable

## SETUP GUIDE

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Follow these steps to properly set up your Pigtronix Gamma Drive pedal:

## 1. Power Connection

Connect a standard 9V DC power supply (not included) to the "DC 9V" input jack on the top of the pedal. Ensure the power supply is center-negative and provides at least 10mA of current.



*Figure 2: Close-up of the DC 9V power input jack located on the top side of the pedal.*

## 2. Instrument Connection

Connect your instrument (e.g., guitar) to the INPUT jack on the right side of the pedal using a standard 1/4-inch instrument cable.

## 3. Amplifier Connection

Connect the OUTPUT jack on the left side of the pedal to your amplifier's input using another standard 1/4-inch instrument cable.





Figure 3: Angled view illustrating the input jack (right side) and output jack (left side) for instrument and amplifier connections.

## OPERATION

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The Pigtronix Gamma Drive features four primary control knobs and a footswitch for intuitive sound shaping.

### Controls Overview





Figure 4: Front view of the pedal showing the layout of the control knobs.

- **VOLUME:** Controls the overall output level of the pedal. Turn clockwise to increase the volume.
- **GAIN:** Adjusts the amount of overdrive and distortion. Higher settings produce more saturated and aggressive tones.
- **TREBLE:** Shapes the high-frequency content of your tone. Turn clockwise for brighter sounds, counter-clockwise for warmer tones.
- **BASS:** Controls the low-frequency content. Turn clockwise to add more bass, counter-clockwise to reduce it.

## Using the Footswitch

The large footswitch at the bottom of the pedal engages or bypasses the effect. When the effect is active, the LED indicator above the footswitch will illuminate. When bypassed, your signal passes through the pedal unaffected (true bypass).

## MAINTENANCE AND CARE

- **Cleaning:** Use a soft, dry cloth to clean the pedal's surface. Avoid abrasive cleaners or solvents.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures.
- **Power:** Always use a regulated 9V DC power supply with the correct polarity (center-negative) to prevent damage.
- **Connections:** Ensure all cables are securely connected before use. Disconnect cables when not in use to prevent accidental damage.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound when pedal is engaged.	Incorrect cable connections; Power supply issue; Pedal not engaged.	Check all input/output cables; Ensure 9V DC power supply is connected and functional; Press footswitch to engage pedal (LED should light up).
Weak or distorted sound.	Low power; Incorrect gain/volume settings.	Verify power supply voltage and current; Adjust GAIN and VOLUME knobs to desired levels.
Unwanted noise or hum.	Ground loop; Faulty cables; Interference from other electronics.	Use isolated power supply; Try different cables; Move pedal away from power transformers or fluorescent lights.

## TECHNICAL SPECIFICATIONS

Specification	Value
Item Weight	9 ounces
Product Dimensions	8.4 x 6.3 x 4.7 inches
Model Number	GDR

Specification	Value
Color	Light Blue, Black
Hardware Interface	HP-HSC
Signal Format	Analog
Power Source	Battery Powered (Note: Typically refers to ability to use battery, but 9V DC adapter is standard for pedals)
Voltage	9 Volts DC
Amperage	10 Milliamps (minimum required)

## WARRANTY AND SUPPORT

For detailed warranty information, product registration, and technical support, please visit the official Pigtronix website or contact their customer service department. Keep your proof of purchase for warranty claims.

Official Website: [www.pigtronix.com](http://www.pigtronix.com)

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 VROOM, VROOM. Gamma Drive is an all-analog overdrive pedal that uses a mixture  
 of germanium, silicon and LED clipping diodes to create a perfectly b...  
 lang:en score:37 filesize: 1.17 M page\_count: 6 document date: 2021-09-21