

Fulltone OCD v2

Fulltone OCD v2 Overdrive Pedal Instruction Manual

Model: OCD v2 | Brand: Fulltone

[Overview](#)

[Features](#)

[Controls](#)

[Setup](#)

[Operating](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

[Warranty & Support](#)

1. OVERVIEW

The Fulltone OCD v2 is an acclaimed overdrive pedal designed for electric guitarists seeking versatile "dirt box" tones. Introduced in 2004 and updated to v2, this pedal offers enhanced signal integrity and dynamic response. It features switchable Enhanced Bypass or True Bypass modes, making it a preferred choice for a wide range of musical styles.

2. KEY FEATURES

- **Redesigned Output Buffer:** Ensures maximum signal integrity, preserving your guitar's tone.
- **Class A Input Section:** Provides improved dynamic response for a more expressive playing experience.
- **Switchable Bypass Modes:** Choose between Enhanced Bypass for buffered signal integrity or True Bypass for a completely unaltered signal when the pedal is off.
- **Versatile Overdrive:** Delivers a wide spectrum of overdrive tones, from subtle grit to rich distortion.
- **Durable Construction:** Built to withstand the rigors of live performance and studio use.

3. CONTROLS AND CONNECTIONS



Figure 1: Fulltone OCD v2 Overdrive Pedal. This image displays the cream-colored enclosure of the pedal, featuring three black control knobs for Volume, Drive, and Tone. A small toggle switch labeled HP/LP is located between the Volume and Drive knobs. The main footswitch is prominently placed on the lower right. Input and Output jacks are visible on the sides, along with the 9-18VDC power input.

Top Panel Controls:

- **Volume Knob:** Adjusts the overall output level of the pedal.
- **Drive Knob:** Controls the amount of overdrive/distortion. Turning it clockwise increases the gain.
- **Tone Knob:** Shapes the tonal character, from darker, warmer tones to brighter, more cutting sounds.
- **HP/LP Toggle Switch:** Selects between High-Peak (HP) and Low-Peak (LP) modes.
 - **HP (High-Peak) Mode:** Offers more gain and a brighter, more aggressive tone, suitable for lead playing or heavier rhythm.
 - **LP (Low-Peak) Mode:** Provides a smoother, more transparent overdrive with less gain, ideal for rhythm or subtle boost.
- **Footswitch:** Engages or bypasses the effect.

Side Panel Connections:

- **Input Jack:** Connect your guitar or the output of a preceding pedal here.
- **Output Jack:** Connect to your amplifier's input or the input of a subsequent pedal.
- **9-18VDC Power Input:** Connect a compatible power supply (center-negative). The pedal operates between 9V and 18V DC.

4. SETUP GUIDE

1. **Power Connection:** Connect a 9V-18V DC (center-negative) power supply to the 9-18VDC input jack. Ensure the power supply meets the pedal's voltage and amperage requirements (30 Milliamps).
2. **Guitar Connection:** Plug your guitar into the **Input** jack of the OCD v2.
3. **Amplifier Connection:** Connect the **Output** jack of the OCD v2 to your amplifier's input.
4. **Bypass Mode Selection:** Before powering on, decide on your preferred bypass mode. The OCD v2 offers switchable Enhanced Bypass or True Bypass. Refer to the manufacturer's instructions for details on how to switch between these modes, as it may involve internal jumpers or specific power-up sequences.
5. **Initial Settings:** Start with the Volume, Drive, and Tone knobs at their 12 o'clock (noon) positions. Set the HP/LP switch to the LP (Low-Peak) mode for a milder initial tone.

5. OPERATING INSTRUCTIONS

1. **Engaging the Effect:** Press the footswitch to engage the overdrive effect. The LED indicator will illuminate (if present) to show the pedal is active.
2. **Adjusting Volume:** Use the **Volume** knob to match the output level of the engaged pedal with your bypassed signal, or to provide a boost for solos.
3. **Controlling Drive:** Turn the **Drive** knob clockwise for more distortion and sustain, or counter-clockwise for a cleaner, more subtle overdrive.
4. **Shaping Tone:** Adjust the **Tone** knob to fine-tune the high-frequency content. Lower settings will be warmer, while higher settings will be brighter.
5. **Selecting Modes (HP/LP):** Experiment with the **HP/LP** toggle switch to find the desired character. The HP mode offers a more aggressive, brighter sound, while the LP mode provides a smoother, more transparent overdrive.
6. **Experimentation:** The Fulltone OCD v2 is highly interactive with your amplifier and guitar. Spend time experimenting with different knob settings and switch positions to discover the full range of tones available.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the pedal's enclosure. Avoid abrasive cleaners or solvents.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Power Supply:** Always use a compatible power supply (9V-18V DC, center-negative) to prevent damage. Disconnect power when the pedal is not in use for extended periods.
- **Jacks and Knobs:** Periodically check all jacks and knobs for tightness. Avoid overtightening.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound when pedal is engaged.	Incorrect power supply, faulty cables, incorrect connections.	Verify power supply is connected and functional. Check all instrument cables for damage. Ensure guitar is connected to INPUT and amp to OUTPUT.
Weak or distorted sound.	Low battery (if applicable), incorrect knob settings, impedance mismatch.	Ensure power supply is adequate. Adjust Volume, Drive, and Tone knobs. Check if other pedals in the chain are affecting the signal.
Excessive noise or hum.	Ground loop, faulty power supply, interference from other electronics.	Use an isolated power supply. Try a different power outlet. Move the pedal away from other electronic devices.
LED not illuminating.	No power, faulty LED.	Check power supply connection. If power is confirmed, the LED may require service.

8. SPECIFICATIONS

Feature	Detail
Brand	Fulltone
Model	OCD v2
Style	Overdrive
Color	Black, Cream White
Item Weight	483 Grams
Voltage	9 Volts (operates 9-18VDC)
Amperage	30 Milliamps
Audio Output Effects	Overdrive
Controls Type	Touch (knobs and switches)
Power Source	AC Adapter or DC Power Supply (center-negative)
Hardware Interface	1/4-inch Audio Jacks
Signal Format	Analog
UPC	607595989262

9. WARRANTY & SUPPORT

For warranty information and technical support, please refer to the documentation included with your Fulltone OCD v2 pedal or visit the official Fulltone website. Keep your proof of purchase for any warranty claims.

