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- › [Origin Effects](#) /
- › [Cali76 Compact Deluxe Compressor Pedal User Manual](#)

Origin Effects 76CD

Cali76 Compact Deluxe Compressor Pedal User Manual

Model: 76CD | Brand: Origin Effects

INTRODUCTION

The Origin Effects Cali76 Compact Deluxe is a studio-grade compressor pedal designed for guitarists seeking high-quality dynamic control in a compact format. Based on classic FET-style compression, this pedal offers extensive control over your guitar's signal, allowing you to shape your tone with precision. It is engineered to bring the rich, impactful sound of rack-mounted studio compressors to your pedalboard.





Image: The Cali76 Compact Deluxe pedal, showing its controls and inputs/outputs. The pedal features six main knobs: DRY, OUT, IN, RATIO, ATTACK, and RELEASE, along with a footswitch and an LED indicator. The top panel indicates 9-18VDC power input, AMP output, and INSTR input. The bottom text reads "STUDIO GRADE • CLASS A • LOW NOISE".

SETUP

Follow these steps to properly set up your Cali76 Compact Deluxe pedal:

1. **Power Connection:** Connect a 9-18V DC power supply (center negative) to the "9-18VDC" input jack. Ensure the power supply meets the voltage and current requirements for optimal performance.
2. **Instrument Input:** Connect your guitar or other instrument to the "IN" input jack using a standard 1/4-inch instrument cable.
3. **Amplifier Output:** Connect the "OUT" output jack to your amplifier or the next pedal in your signal chain using a standard 1/4-inch instrument cable.

4. **Initial Settings:** For a starting point, set all control knobs (DRY, OUT, IN, RATIO, ATTACK, RELEASE) to their mid-point (12 o'clock) position.

The pedal is designed for low noise operation and studio-grade performance, ensuring a clean signal path.

OPERATING THE CALI76 COMPACT DELUXE

The Cali76 Compact Deluxe offers comprehensive control over your compression. Understanding each knob's function is key to achieving your desired tone.

- **IN (Input Gain):** This knob controls the input level to the compressor circuit. Higher settings increase the compression effect and sustain. Adjust this to match your instrument's output and desired compression intensity.
- **OUT (Output Level):** This knob controls the overall output volume of the pedal. Use this to balance the compressed signal with your bypassed signal or other pedals in your chain.
- **DRY (Dry Blend):** This knob allows you to blend the uncompressed ("dry") signal with the compressed signal. Blending dry signal can help retain natural dynamics and attack, especially with higher compression settings.
- **RATIO:** This knob determines the compression ratio, from subtle limiting to heavy squashing. Lower ratios provide gentle dynamic control, while higher ratios result in more aggressive compression.
- **ATTACK:** This knob controls how quickly the compressor reacts to incoming signals. Slower attack settings allow more of the initial transient (pick attack) to pass through uncompressed, while faster settings compress the attack more immediately.
- **RELEASE:** This knob controls how quickly the compressor returns to its uncompressed state after the signal drops below the threshold. Faster release settings can lead to a "pumping" effect, while slower settings provide a smoother, more sustained decay.

Experiment with these controls to discover the wide range of compression effects possible, from subtle dynamic shaping to pronounced sustain and tone enhancement.

MAINTENANCE

The Cali76 Compact Deluxe is built for durability and requires minimal maintenance. Follow these guidelines to ensure its longevity:

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid abrasive cleaners or solvents, which can damage the finish or internal components.
- **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 regulated power supply within the specified voltage range (9-18V DC, center negative). Incorrect power can damage the unit and void the warranty.
- **Connections:** Ensure all cables are securely connected. Periodically check cables for wear and tear to prevent signal issues.

TROUBLESHOOTING

If you encounter issues with your Cali76 Compact Deluxe, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound when pedal is engaged.	Incorrect power supply, faulty cables, incorrect connections.	Verify power supply (9-18V DC, center negative). Check all cables for continuity and proper connection. Ensure instrument and amplifier are working correctly.
Excessive noise or hum.	Ground loop, faulty power supply, interference from other equipment.	Use an isolated power supply. Try a different power outlet. Move the pedal away from other electronic devices that may cause interference. Check for faulty cables.
Compression effect is too subtle or too extreme.	Incorrect knob settings.	Adjust the IN, RATIO, ATTACK, and RELEASE knobs. Start with all knobs at 12 o'clock and make small adjustments. Remember to use the DRY knob to blend in uncompressed signal if needed.
LED indicator not lighting up.	No power or pedal is bypassed.	Ensure power supply is connected and functional. Press the footswitch to engage the pedal; the LED should illuminate when engaged.

If these solutions do not resolve the issue, please contact Origin Effects customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Model Number	76CD
Brand	Origin Effects
Item Weight	1.55 pounds (0.7 kg)
Product Dimensions	10 x 6 x 4 inches (25.4 x 15.24 x 10.16 cm)
Power Source	Corded Electric
Voltage	9-18 Volts DC (center negative)
Signal Format	Analog
Hardware Interface	HP-HSC (Standard 1/4-inch jacks)
Color	Black, Silver
Style	Compressor Pedal

WARRANTY AND SUPPORT

Origin Effects products are built to the highest standards. For information regarding warranty coverage, product registration, or technical support, please visit the official Origin Effects website or contact their customer service department directly. Keep your proof of purchase for warranty claims.

Website: www.origineffects.com

Contact: Refer to the website for contact details, including email and phone support.

Related Documents - 76CD

	<p>Origin Effects Cali76 Bass Compressor Owner's Manual</p> <p>Owner's manual for the Origin Effects Cali76 Bass Compressor, detailing its studio-grade features, all-analogue circuitry, controls, and specifications for bass guitarists. Learn about connecting, operating, and optimizing your tone.</p>
	<p>Origin Effects Cali76 FET Compressor Owner's Manual - Features, Controls, and Specifications</p> <p>Comprehensive owner's manual for the Origin Effects Cali76 FET Compressor. Learn about its features, controls, signal chain tips, sample settings, technical specifications, and warranty.</p>
	<p>Origin Effects Cali76 Bass Compressor Owner's Manual</p> <p>Comprehensive owner's manual for the Origin Effects Cali76 Bass Compressor, detailing its features, controls, connections, safety information, specifications, and sample settings.</p>
	<p>Origin Effects Cali76 Bass Compressor Owner's Manual</p> <p>Comprehensive owner's manual for the Origin Effects Cali76 Bass Compressor pedal, detailing its features, controls, connections, operation, sample settings, specifications, and warranty.</p>
	<p>Origin Effects RevivalDrive Compact: Owner's Manual and Features</p> <p>Comprehensive owner's manual for the Origin Effects RevivalDrive Compact guitar pedal. Learn about its features, controls, connections, sample settings, and specifications.</p>
	<p>NUX Komp Core Deluxe Analog Compressor Pedal - Owner's Manual</p> <p>Detailed owner's manual for the NUX Komp Core Deluxe analog compressor guitar effects pedal. Covers features, operation, connection, troubleshooting, specifications, and safety instructions.</p>

