

**Origin Effects Cali76-CD**

# Cali76 Compact Deluxe User Manual

Model: Cali76-CD | Brand: Origin Effects

## INTRODUCTION

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The Origin Effects Cali76 Compact Deluxe is a high-quality, studio-grade FET compressor designed for musical instruments. It features discrete Class-A circuitry, ensuring low noise and high current operation. This compact pedal incorporates the full functionality of the larger Cali76 Standard, including a dedicated parallel compression control, allowing for precise tone shaping from subtle transient control to extreme limiting and extended sustain. An intuitive three-color jewel lamp provides visual feedback on gain reduction.



Figure 1: Front view of the Cali76 Compact Deluxe pedal, highlighting the control layout.

## SETUP

### Power Requirements

The Cali76 Compact Deluxe requires a 9-18VDC power supply. Ensure your power supply provides clean, regulated power to prevent noise and ensure optimal performance. The pedal is designed for low-noise operation, and a stable power source is crucial.

### Connections

1. **Input (IN):** Connect your instrument (guitar, bass, etc.) to the input jack on the right side of the pedal.
2. **Output (OUT):** Connect the output jack on the left side of the pedal to your amplifier or the next pedal in

your signal chain.

3. **Power (9-18VDC):** Connect your DC power supply to the power input jack at the top of the pedal.



Figure 2: Angled view showing the input, output, and power connections.

## Signal Chain Placement

For most applications, the Cali76 Compact Deluxe performs best when placed early in your signal chain, typically after any wah or pitch-shifting pedals, but before overdrive, distortion, or modulation effects. This allows the compressor to process the raw instrument signal effectively, providing consistent dynamics for subsequent effects.

## OPERATING CONTROLS

The Cali76 Compact Deluxe features six primary control knobs and a footswitch for intuitive operation:

- **DRY:** Controls the level of the uncompressed (dry) signal. This allows for parallel compression, blending the original signal with the compressed signal to retain natural dynamics while adding sustain and punch.

- **OUT:** Adjusts the overall output level of the pedal. Use this to match the volume with your bypassed signal or to provide a slight boost.
- **IN:** Controls the input gain, which determines how hard the compressor is driven. Higher settings will result in more compression.
- **RATIO:** Sets the compression ratio, from subtle (low ratio) to extreme limiting (high ratio).
- **ATTACK:** Determines how quickly the compressor reacts to incoming signals. Slower attack times allow initial transients to pass through, while faster times compress them immediately.
- **RELEASE:** Controls how quickly the compressor returns to its uncompressed state after the signal drops below the threshold. Faster release times can lead to a "pumping" effect, while slower times provide smoother sustain.
- **Jewel Lamp:** This multi-color LED indicates gain reduction. It changes color to show the amount of compression being applied, providing visual feedback on the pedal's operation.
- **Footswitch:** Toggles the effect on and off.



Figure 3: Overview of the Cali76 Compact Deluxe controls.

Experimentation with the controls is key to finding your desired compression sound. Here are some general guidelines:

- **Subtle Compression:** Start with a low RATIO, moderate IN, and blend in some DRY signal. Adjust ATTACK and RELEASE for a natural feel. This can add sustain without drastically altering your dynamics.
- **Sustain Boost:** Increase the IN and RATIO settings. Use a slower ATTACK to let the initial pick attack through, and a longer RELEASE for smooth, extended notes.
- **Limiting:** Set RATIO to its maximum. Adjust IN to achieve significant gain reduction. This can be useful for controlling peak volumes.
- **Parallel Compression:** Utilize the DRY knob to mix your uncompressed signal with the heavily compressed signal. This technique preserves the natural transients and dynamics of your playing while adding the benefits of compression, such as increased sustain and density.

## MAINTENANCE

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The Cali76 Compact Deluxe is built with high-quality components for durability. Follow these simple maintenance tips to ensure its longevity:

- **Cleaning:** Use a soft, dry cloth to wipe down the pedal's enclosure. 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 for extended periods, disconnect it from power.
- **Connections:** Periodically check all cable connections for tightness and ensure cables are not frayed or damaged.

## TROUBLESHOOTING

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If you encounter issues with your Cali76 Compact Deluxe, consider the following:

- **No Sound:**
  - Ensure the power supply is correctly connected and functioning.
  - Check all instrument cables for proper connection and integrity.
  - Verify the footswitch is engaged (jewel lamp should be lit).
  - Confirm the OUT knob is not set to minimum.
- **Excessive Noise/Hum:**
  - Use a high-quality, isolated power supply. Daisy-chaining power with other noisy pedals can introduce hum.
  - Check for proper grounding in your setup (amplifier, other pedals).
  - Ensure instrument cables are shielded and in good condition.
  - Compressors can amplify existing noise in your signal chain; try placing the Cali76 earlier in the chain or using a noise gate after it if necessary.
- **Pedal Not Responding:**
  - Disconnect and reconnect the power supply.
  - Try a different power supply if available, ensuring it meets the 9-18VDC requirement.
  - If the issue persists, contact Origin Effects support.

## SPECIFICATIONS



Feature	Detail
Product Dimensions	7 x 4 x 3 inches
Item Weight	1.5 pounds
Model Number	Cali76-CD
Voltage	9-18 Volts DC
Circuitry	Studio-grade FET compressor, discrete Class-A
Controls	DRY, OUT, IN, RATIO, ATTACK, RELEASE



## WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact Origin Effects directly through their official website or authorized dealers. Keep your proof of purchase for any warranty claims.  
*Note: Product specifications and features are subject to change without notice.*

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## Related Documents

	<p><a href="#">Origin Effects Cali76 Bass Compressor Owner's Manual</a></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><a href="#">Origin Effects Cali76 FET Compressor Owner's Manual - Features, Controls, and Specifications</a></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>

<div data-bbox="116 96 311 362"><p><b>Cali76</b> BASS COMPRESSOR OWNER'S MANUAL</p><p>Origin Effects</p></div>	<p><a href="#">Origin Effects Cali76 Bass Compressor Owner's Manual</a></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>
<div data-bbox="116 412 311 678"><p><b>REVIVALDRIVE</b> COMPACT OWNER'S MANUAL</p><p>Origin Effects</p></div>	<p><a href="#">Origin Effects RevivalDrive Compact: Owner's Manual and Features</a></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>