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INTRODUCTION

The Keeley K4COMP 4 Knob Compressor is a guitar effects pedal designed to provide dynamic range compression for your instrument's signal. This unit features four control knobs, including dedicated Input Clipping and Attack controls, allowing for precise shaping of the compression effect. It is suitable for various guitar setups, accommodating both single-coil and humbucker pickups. The K4COMP is engineered to deliver studio-grade compression in a compact stompbox format.

KEY FEATURES

- Industry-standard compression for guitar effects.
- Features Input Clipping and Attack controls for enhanced adjustability.
- Optimized for seamless transitions between single-coil and humbucker pickups.
- Designed to offer high-quality, studio-grade compression.

SETUP

Follow these steps to connect your Keeley K4COMP compressor pedal:

1. **Power Connection:** Connect a standard 9V DC power supply (center negative) to the power input jack on the pedal. Ensure the power supply meets the pedal's requirements (9 Volts).
2. **Input Connection:** Connect your guitar to the INPUT jack on the pedal using a standard 1/4-inch instrument cable.
3. **Output Connection:** Connect the OUTPUT jack of the pedal to your amplifier or the next pedal in your signal chain using a standard 1/4-inch instrument cable.
4. **Activation:** Engage the pedal by pressing the footswitch. The LED indicator will illuminate when the effect is active.



Image: The Keeley K4COMP 4 Knob Compressor pedal. This image displays the pedal's layout, including the input and output jacks, the 9V DC power input, the footswitch, and the four control knobs for adjusting the compression effect.

CONTROLS AND OPERATION

The Keeley K4COMP features four primary control knobs to shape your compressed tone:

1. Sustain Knob

The Sustain knob controls the amount of compression applied to your signal. Turning this knob clockwise increases the compression, leading to longer sustain and a more pronounced squashing effect. Counter-clockwise rotation reduces compression, resulting in a more natural, less sustained tone.

2. Level Knob

The Level knob adjusts the overall output volume of the pedal. Use this to match the volume of your compressed signal to your bypassed signal, or to provide a clean boost when the effect is engaged. Adjust clockwise for more volume, counter-clockwise for less.

3. Input Clipping Knob

This control adjusts the input sensitivity of the compressor. Turning it clockwise increases the input gain,

making the compressor react more strongly to your guitar's signal and potentially introducing a subtle clipping or overdrive effect at higher settings. This allows for fine-tuning the compressor's response to different pickup outputs (e.g., single coils vs. humbuckers).

4. Attack Knob

The Attack knob controls how quickly the compressor reacts to the initial transient (the beginning) of your guitar notes. Turning it clockwise results in a slower attack, allowing more of the initial pick attack to pass through before compression engages. Turning it counter-clockwise results in a faster attack, compressing the initial transient more quickly for a smoother, less percussive sound.

MAINTENANCE

To ensure the longevity and optimal performance of your Keeley K4COMP compressor, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the pedal's enclosure. Avoid using abrasive cleaners or solvents, which can damage the finish and internal components.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Power Supply:** Always use a regulated 9V DC (center negative) power supply that meets the pedal's current requirements. Using an incorrect power supply can damage the unit and void the warranty.
- **Cable Connections:** Periodically check all cable connections for wear and tear. Ensure cables are securely plugged in to prevent signal loss or intermittent operation.

TROUBLESHOOTING

If you encounter issues with your Keeley K4COMP, refer to the following common problems and solutions:

- **No Sound:**
 - Check all cable connections (guitar to input, output to amp).
 - Ensure the power supply is correctly connected and functioning.
 - Verify that the pedal is engaged (LED illuminated).
 - Test with different cables and a different power supply if possible.
- **Weak or Distorted Signal:**
 - Adjust the Level knob to increase output volume.
 - Check the Input Clipping knob; high settings can introduce distortion. Reduce if unwanted.
 - Ensure your guitar's output is not excessively high for the pedal's input.
- **Unwanted Noise/Hum:**
 - Ensure you are using a high-quality, isolated 9V DC power supply.
 - Check for ground loops in your signal chain.
 - Move the pedal away from other electronic devices that may cause interference.

SPECIFICATIONS

Brand	Keeley
Model Number	K4COMP
Item Weight	0.75 Pounds
Voltage	9 Volts
Audio Output Effects	Compression
Controls Type	Knob
Power Source	DC power supply
Signal Format	Analog
Item Dimensions	4.38 x 6.75 x 3.25 inches
UPC	854295005055
GTIN	854295005055
Manufacturer Part Number	KE C4 COMPRESSOR

WARRANTY AND SUPPORT

The Keeley K4COMP 4 Knob Compressor comes with a **1-year warranty** from the date of purchase, covering defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For technical support, service, or warranty inquiries, please contact Keeley Electronics directly through their official website or authorized dealers. Provide your product model number (K4COMP) and a detailed description of the issue when seeking assistance.