

KEELEY COMPRESSOR



Thanks for your purchase of the finest hand-built compressor on the market today. For years now it has been rated the highest in many “shoot-outs” and has replaced the compressors of many studio pros. The Keeley Compressor uses precision parts to keep the sound quality as close to the original input as possible. Metal film capacitors where harsh sounding ceramic capacitors were used in the original for cost cutting measures. Metal film 1% resistors, Teflon wire, and silver solder are used throughout. Film capacitors and resistors are used in the audio circuits of many high-end components because of their ability to recreate the fine details of music. Tantalum capacitors are used for filtering and stabilizing as they were in the gray model. Your Keeley Compressor has a 3PDT true bypass switch for perfect tone when off. I hope you enjoy years of music making with your compressor. I know that I have found a renewed interest in playing guitar just because this pedal’s tone.

INSTRUCTIONS

Input

Standard signal input connection. It is possible to connect this pedal to the output of your overdrive/distortion pedal. I think it sounds best if you go from your guitar into a tube-sounding distortion and then into the compressor. Experiment and find out what variation gives you the tone or effect you are looking for. Make sure to unplug this jack when not in use. The circuit and battery are active until your cord is unplugged. Also, the main chip in the compressor, the CA3080, is designed for low-level signals only. The compressor will not work as well in the effects loop of an amplifier or after a pre-amp.

Output

Connect this to the input of your amplifier. It is also possible to send this output to a variety of other effects. Please experiment with effect placement in your signal chain to find the sound that defines your playing. I like the compressor after the main overdrive but before pedals you would use for solos or lead boosts.

Sustain

You can use this control to give a sustain effect with almost no increase in noise or high frequency loss. A great starting point is with the control in the 9 O’clock position. This is a great place to start experimenting if you want to run the compressor all of the time as a tone/level shaper. You can get a nice, full effect if you run this control in the 12 O’clock position. I like this position for lead playing. It brings out the note detail. It is also great for funk style playing. It compresses the notes you may play too loud and expands the notes you play too softly.

If you run the control to the 3 O’clock position or greater, you can get a radical sustain effect. Although this position does have some slight increased noise, it allows you to get feedback on demand. It is truly impressive to get a nice, singing feedback at low playing levels. This setting is great for country style chicken pickin’ or jam-band style lead playing.

Level

Use this control to match the bypass mode signal with the effected signal. You can also use this as a volume boost during solos. It provides the ability to overdrive your amp if you choose. To use the compressor as a lead boost, simply turn the sustain all of the way down, and then use the level control to drive your amp into a sweet overdrive tone.

Inside Adjustments

Attack Control Trim

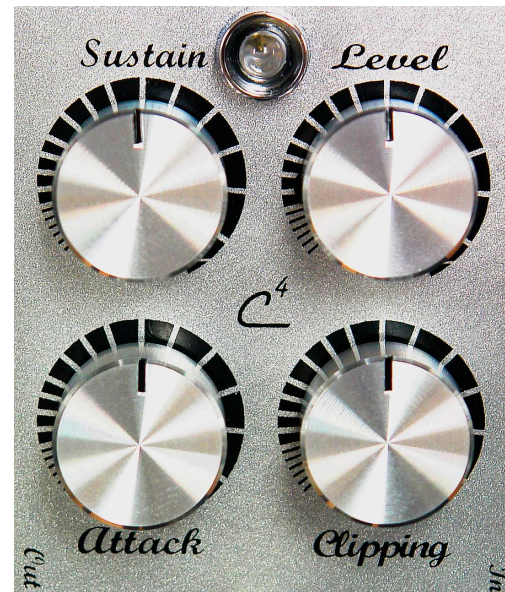
The attack control is also set all of the way off for the fastest attack time. Turn this control up for longer/slower attack times. This is helpful for humbuckers or bass guitarists that want a very punchy tone.

For the four knob compressor, the Attack Control goes from fast (Classic Keeley) to longer/slower attack times as you turn it Up. The Input Level Control Trim should be turned all of the way UP for the stock tone. Turn it Down to reduce the gain on the input of the compressor, *only if you experience distortion*. (Note: This is the reverse from models where the controls are internal.)



Input Level Control Trim/Clipping

This allows you to reduce distortions that may be present when you use the Keeley Compressor with very high output humbuckers or if you use a booster before the compressor. This is also perfect for line-level instruments. From the factory it is set all of the way off (counterclockwise), which is the classic Keeley Compressor sound. Turn it up to reduce (clip) the sensitivity of the input.



These same inside adjustments are now available externally on our Four-Knob Compressor, the C4.

The Best Placement in the Effects Chain for the Keeley Compressor?

The conventional place for compressors has been the very first thing after your guitar. However, over the past couple years I have convinced players to try it after their main overdrive. The reason for this is your transition from clean to your main overdrive will be pretty smooth and pro-sounding. Most importantly, though, place it before any lead boost pedals such as the Java Boost. Do not place the compressor at the end of your chain or after effects such as delay and echo; it will affect the performance in a negative way. Email us if you have any questions.

Warranty

Your pedal is warranted against defects for two years. Parts and labor to repair the unit will be covered during the warranty period. Parts that the warranty covers include transistors, IC's, and other electronic components that may become defective. Shipping is the responsibility of owner. The warranty does not cover knobs that are broken or other parts that are abused. Please take the time to make sure the jacks are tight. Don't forget, pedals need maintenance too. If your pedal ever becomes defective after the warranty period, please send it back for proper repair.