

CARL MARTIN

Manual



Specifications

Input..... 1M Ohm
Output..... 200 Ohm
S/N Ratio..... 105 dB (clean out)
THD distortion..... 0,05%
Compression Range.... from 1:1 to 1:00
Dimensions :
60 (W) x 115 (D) x 50 (H) mm
2.36" (W) x 4.52" (D) x 1.97" (H)
Weight..... 340g / 0,75lbs

Power Requirements

Battery: The Comp/Limiter does not run on battery.

Power consumption: max. 130mA.

Power supply: 9 V DC (regulated), 200 mA minimum, 2.1 mm female plug, center negative (-)

ATTENTION: Please Use DC Power Supply Only! Failure to do so may damage the unit and void the warranty.

Warranty: Carl Martin Research warrants the manufacturing, material and proper operation for a period of one year from date of purchase. Carl Martin will replace defective parts, make necessary repairs or replace the unit at the discretion of our technicians. The warranty applies only to the original purchaser of this product, and excludes any damage or faulty operation resulting from misuse, neglect or unauthorized service.

Carl started years back with the Compressor Limiter...that big black hand-made-in-Denmark compressor that brought studio comps to the pedal board. The word got out that it was just too big for modern pedal boards, so Carl redesigned that pedal into a much smaller format, preset (or fixed) the Threshold and Response leaving just two knobs for Comp and Level. The feedback we got was overwhelming...players were telling us the Comp Limiter had the same sonic clarity, the same headroom and the same quietness that the big studio comps had but was so quick and easy to use. Carl could have left it there, but that's not Carl!

Welcome the Honey Comp, and it's as sweet as well, you know honey. This pedal is the same as the Comp Limiter in every way ... same Gray anodized finish, same footprint and the same simplicity of use with one compression control and one level control. It is pretty much the perfect compressor, so what could Carl possibly upgrade? Easy! Carl added a Dry volume which allows you parallel processing with three knobs! Parallel Processing is a studio technique which takes a heavily compressed signal (which through compression loses some dynamics if not all) and allows you to add a clean (Dry) signal on top replacing those dynamics giving your guitar three-dimensionality and allowing the guitar to cut through the mix. For those of you used to studio work, this is a very well-known technique, but usually too complex for a pedal board! The three knobs allow you to balance the Compressed signal with the Dry signal quickly and efficiently for a very pro sound!

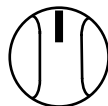
The Carl Martin Honey Comp incorporates the special CM developed DC/DC converter circuitry. This enables us to run the pedal with +12V internally, which is necessary, in order to maintain the same sonic quality and headroom as on the "old" Compressor/Limiter, using a regular 9V DC 200mA external power supply.

BYPASS



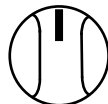
The buffered Bypass Footswitch engages or bypasses the pedal....turns it on or off. The LED is on while the pedal is engaged.

COMP



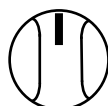
Comp (or Compression) sets the ratio of compression that will be applied to your signal. This ratio in conjunction with the factory preset Threshold setting, will determine how hard, or how gently the compressor will affect your signal. Turning the Comp knob clockwise increases the ratio, thereby giving you more compression.

LEVEL



The Level control can also be referred to as a 'Make Up Gain'. As you add compression, your signal becomes softer, and the Level control allows you to compensate for the reduced gain. Engage the pedal, set your compression, and increase or decrease the Level control to suit your sound.

DRY



The Dry control is a volume knob for your original 'Dry' signal. Adding the 'Dry' unaffected signal over top of the compressed signal, helps replace the dynamics you lose through compression, and add three-dimensionality. In the studio, this is known as parallel processing and will help your guitar signal cut through the mix.