

CARL MARTIN



Power Requirements

Unit's built after January 2016 comes with the innovative Carl Martin DC/DC circuitry that delivers internally $\pm 12V$ regulated.

Power consumption: max. 90 mA

Power supply: 9 V DC (regulated), 130 mA minimum, 2.1 mm female plug, center negative (-)

PLEASE NOTICE: It's not possible to use battery, only external power supply (not included)

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

Unit's built before January 2016 comes with a built in mains power supply either in 100 or 115 or 230 VAC 50/60 Hz, that deliver internally $\pm 12V$ regulated Power consumption: 2,4Watts.

PLEASE NOTICE: If purchased in USA (115V) it cannot be used in country's where 230V is used, you will burn the built in transformer.

Specifications

Input.....	1M Ohm
Output.....	100 Ohm
S/N Ratio.....	80dB
THD distortion	0,01% at 0dB
Frequency range	65Hz - 8kHz
High pass range.....	65Hz to 440Hz
Low pass range.....	440Hz to 8kHz
Boost range.....	+12dB
Dimensions	120 (W) x 95 (D) x 56 (H) mm 4.72" (W) x 3.74" (D) x 2.2" (H)
Weight.....	625g / 1,38lbs

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.

HandMade in Denmark

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Manual

Carl Martin Contour & Boost is especially designed to boost up, and change the sound (contour) of electric guitar/bass. The Contour & Boost circuitry is of phase linear design, using high quality components. This ensures sonic clarity and midrange emphasis which is so important for electric guitar.

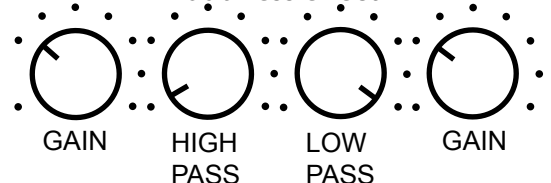
The Contour & Boost is designed as a High Pass (low cut) and Low Pass (high cut) filter, with a fixed X-over frequency at 440Hz. The High Pass filter operates from 65Hz to 440Hz, and the Low Pass filter from 440Hz to 8kHz. Both filters are individually sweepable, with a boost range of up to 12dB. With these two filters it is possible to change the sound (contour) in any way your creativity allows you.

The Contour & Boost has a built in, regulated ($\pm 12V$) power supply which enables us to design circuitry of the highest quality with maximum headroom. Please note that when using this unit with other effect devices, always place the Contour & Boost after any distortion units, otherwise the distortion unit will limit what you can achieve with the Contour & Boost.

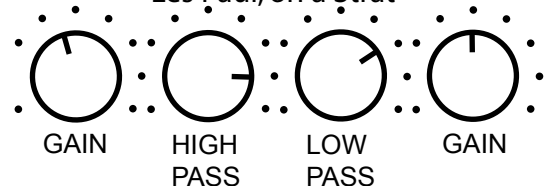
The Contour & Boost has shown to be very suitable for direct recording on tape or PC, just set it up like this: GUITAR to EFFECTS to CONTOUR & BOOST to LINE DRIVER and into the desk or PC, try out with the suggested sample setting and work your way from there.

Sample Settings

Loudness effect



Les Paul, on a Strat



Amp/Speaker Simulation

