

# CARL MARTIN

## Manual



The Tone knob on the AC-Tone, is a high cut filter. With the knob set at full clockwise, you enjoy the full bandwidth of frequencies, so as you turn the knob counter clockwise, you start to filter out the high frequencies. This allows you to fine tune your tone regardless of which guitar/pickup you are using. You might find at high gain settings that reducing the highs will tighten up the sound, and at lower gain settings, the high frequencies will add some bite and crispness to your notes.

The new `single channel` AC-Tone, is a smaller pedal-board friendly, single channel version of the original Pro-Series AC-Tone. It features 3 knobs and 1 switch and has a slightly beefed up Gain section, but shares the very same tone as its big sister!

The single AC-Tone also incorporates our new DC-DC converter circuitry, so the pedal can be powered by a regulated 9V Power Supply but will still operate on the same +-12V level as the original AC powered AC-Tone. This allows us to use the same high quality components which provide the same tone and headroom that make the CM Pro-Series pedals stand out from the rest!

The Level knob adjusts the overall level of the AC-Tone. By adjusting this knob (in conjunction with the gain) you can match or exceed the bypass signal for rhythm or solo work.

The Drive knob adjusts the amount of overdrive, from light crunch; at full counter-clockwise, to full, overdrive with loads of sustain at full clockwise.... and everything in between. Regardless of the amount of overdrive, the AC-Tone always produces those great British tones that seem to cut right through the mix in both live and recording sessions.

Our Bypass switch button; which switches the AC-Tone on or off, is active buffered output so you don't lose any signal in long cables a cross stage!

### Power Requirements

Battery: The AC-Tone does not accept the use of battery, only external power supply.

Power consumption: max. 62 mA

Power supply: 9 V DC (regulated), 100 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.

### Specifications

Input..... 1M Ohm

Output..... 200 Ohm

S/N Ratio..... 58 dB

Dimensions ..... 112 (W) x 72 (D) x 57 (H) mm    4.40" (W) x 2.83" (D) x 2.24" (H)

Weight..... 280g/ 0.62lbs

**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.

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