

# CARL MARTIN

## Manual



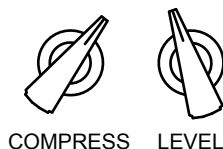
With classic guitar tone disappearing down the road of digital modeling amps and effects, Carl Martin is proud to introduce the Quattro....four of the most popular Carl Martin effects in one package.

The Quattro begins with Carl Martin's award winning Compressor/Limiter circuit with single controls for compression and level. The Two-Channel Overdrive has switches for on-off, and for selecting between the crunch and high-gain stages, and controls for tone and level. In classic fashion, the Vintage Chorus has a speed and a depth control. Finally, the vintage style Echo has controls for level, tone, repeat and tap-tempo, as well as an on-off switch. No hard to read screens, no menus to scroll through, just set-up and play. There is no simpler multi-effect on the market! There is also an effects loop built in between the overdrive and chorus effects for that special drive or fuzz pedal that is part of your sound.

You also get that famous Carl Martin build quality, ultra quiet switching, a high quality on-board regulated +/-12V power supply which allows us to use the finest components allowing the greatest amount of headroom, and low output impedance which leaves your amp sounding exactly like your amp.

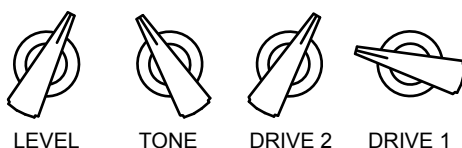
Carl Martin, maximizing transparency, flexibility, simplicity and quality in one package...The Quattro.

### COMPRESSOR



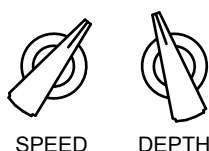
**Compressor:** Compression is a very good effect for overall use, it smoothes out your uneven dynamics, increases sub tones which otherwise would stay too weak in the overall sound. It also gives more depth, body and sustain for a fuller sound. This is great for especially solos. Just set the level knob to match the desired solo level. For more compression turn the compress knob clockwise, and adjust your level to match the bypass level.

### OVERDRIVE



**Overdrives:** Drive 1 is the crunch channel, Drive 2 the high gain channel. To enter drive 1, press the drive switch and set the level to match the bypass level. The tone knob works like a high cut filter. Set the knob at full clockwise for high crisp tone or for warmer and rounder tone, turn the tone knob counter clockwise. To enter drive 2 leave the drive switch on and press the select switch. The level and tone knobs are the same on both channels.

### VINTAGE CHORUS



**Vintage Chorus:** The Vintage Chorus is a very useful effect to make your tone fat round and singing, an effect very often used in loads of hit songs from the early 70's and up. The Speed knob set the speed of the modulation, from slow swirl to fast Leslie like tones. the Depth knob determines the amount of effect wish.

## VINTAGE CHORUS



**Echo:** The echo effect is designed to emulate the old vintage tape echo units, with all that they had in low-fidelity noise and distortion. It has extremely musical and warm echo, so don't expect any clean sterile digital delay here. To enter the echo mode press the echo switch and set the echo level on the echo knob. Turn clock wise for more effect. Turn the repeat knob clock wise for more repeats. The tone knob works like a filter with clear crisp echo's in the full clock wise position and warmer vintage style echo when turned counter clockwise. The echo time is set on the tempo tap switch and it goes up to 1000 milliseconds. Please note that once disconnected from power, the echo time will revert to the shortest time.

### Power Requirements

The Quattro comes with a built in mains power supply, that deliver internally +/-12V regulated

Power consumption: 6Watts.

The Quattro will be delivered either in 100 or 115 or 230 VAC 50/60 Hz versions depending on the country's requirements

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

### Specifications

Input.....	1M Ohm	Echo time max.....	1000 m.sec
Output.....	100 Ohm	Send impedance loop.....	200 Ohm
S/N Ratio.....	56dB	Return impedance.....	1M Ohm
Compression range.....	from 1:1 to 1:00	Dimensions .....	410 (W) x 160 (D) x 70 (H) mm
Gain range compressor...	+20dB		16,13" (W) x 6,3" (D) x 2,75" (H)
Gain overdrive max.....	89dB	Weight.....	2,0kg / 4,04lbs
Tone overdrive.....	Cut filter (low pass)		

**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 discession 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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