

CARL MARTIN

Manual PlexiRanger



When we look back to the glory days of rock guitar (mid 60's to mid 70's), some of the most popular amplifier set-ups were British Marshalls and Vox's.....often with multi-speaker cabinets. Players like Tony Iommi, Ritchie Blackmore, Brian May etc, carved their signature sounds on stage and in the studio with these rigs, and in order to deal with the overpowering bottom end, they made use of 'The Treble Booster'. Treble Boosters add top end or higher frequencies to the guitar tone, and depending on how the amp is set up, some much desired overdrive. As much as companies like Dallas (Rangemaster) and Hornby Skewes (Treble Booster) were solving a bottom-end problem, they had also created a new sound palette! Carl decided it was time to re-introduce this sound with the PlexiRanger! And leave it to Carl to add a gain channel along with the boost channel for a one-of-a-kind fx pedal!

Boost

The pre-gain Boost side of the PlexiRanger consists of two boost controls and two low-cut settings. First, the Boost knob gives you +15dB of crystal clean volume boost (something Carl does extremely well)...then you have the Frequency Boost which has two controls....Frequency to determine what frequencies are being boosted and the Range control which controls how much boost is being applied.

There is also a 3-way switch which engages a slight low-cut (1), heavy low-cut (2) or no low-cut (0).

The Boost switch engages the Boost Channel and is indicated by a Green LED. The Boost channel works independently and can be used as a variable treble boost on it's own.



Drive



The other side of the PlexiRanger is a gain channel with an obvious influence. The Gain knob adjusts the amount of overdrive, from a light crunch to a full-on overdrive, but as over-drive pedals go, it is not extreme, acting more like a crunch pedal than an overdrive. The Tone knob sets the voicing or color of the Gain and obviously, the Level knob controls the overall level of the effect. The Plexi footswitch engages or disengages the effect and is indicated by a Red LED.

The beauty of the PlexiRanger, is the two channels can be used by themselves or together, although the whole point is to have the Boost and frequency boost hit the hot preamp of the Plexi really hard resulting in a tremendous amount of gain and almost violin-like sustain! This is possible with the PlexiRanger even at lower gain settings!

With all the control on the Boost side, the PlexiRanger may just be the most versatile Boost/Gain pedal on the market and will not only allow you to copy the great guitar tones from years back, but to create your own special tones that will cut through any mix either on stage or in the studio

Connections

The top panel of the PlexiRanger has normal 1/4" input and output jacks, a 2.1mm female input for DC 9v (centre negative), and also a 1/4" Remote jack for remote switching of the Boost side (on/off Latching). This feature allows you to use your Carl Martin Octaswitch (External Switch Jacks) and toggle the effect on and off....or of course you could use another switcher for the same control....



Specifications:

The Carl Martin PlexiRanger incorporates the specially developed DC/DC converter circuitry which allows us to run the pedal with +-12V internally in order to maintain the excellent sonic quality and headroom. The pedal is powered by using a 9V DC 100ma external power supply.

Specifications

Input.....	1M Ohm
Output.....	200 Ohm
S/N Ratio.....	54 dB
Tone.....	High Cut
Boost.....	+15dB
Range.....	+15dB
Freq.....	.250Hz-5kHz
Dimensions	120 (W) x 95 (D) x 56 (H) mm 4.72" (W) x 3.74" (D) x 2.2" (H)
Weight.....	420g / 0,95lbs

Power Requirements:

Battery: The PlexiRanger does not run on battery.

Power consumption: max. 100mA.

Power supply: 9 V DC (regulated), 150 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.

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