

CARL MARTIN

Manual



The Carl Martin DeLayla XL is designed and developed with one goal in mind: To create a superior echo pedal, with the same sonic quality as the original DeLayla but with new extended features, yet incorporating some of the same features used in vintage tape delay units.

To achieve this, we have incorporated a second delay head (slapback) (similar to using two heads simultaneously on a tape delay).

The SLAPBACK footswitch is used to turn the second delay head on or off.

The SLAPBACK knob controls the mix of main delay vs. second delay head. Clockwise movement favors the second delay head; Counter clockwise favors the main delay.

The SB-TRIM knob fine tune the second delay head's time setting compared to the original delay head, by this it's possible to create different delay patterns, going from strict slapback to way offbeat. The TEMPO tap is a real time tempo learn function, allowing you to foot tap the delay time to match the exact beat of the song.

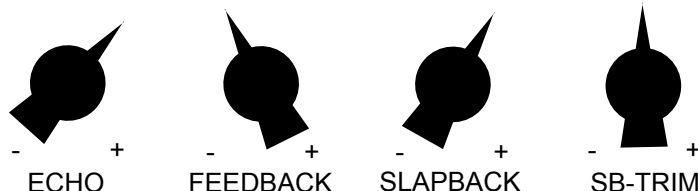
The Carl Martin DeLayla XL also features a built in regulated power supply.

The result is a warm, smooth sound reminiscent of the vintage tape units used in the 50's and 60's, combined with modern features.

The Carl Martin DeLayla XL is able to capture one of the hardest sounds: That authentic rock'n roll slapback echo, that digital processors are unable to emulate.

Sample Settings

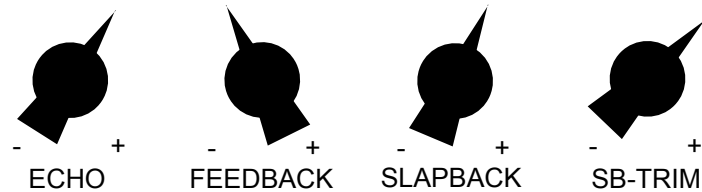
Echo and slapback activated, and with SB-trim in center position will give a slapback effect with the second tone head 50% after the original echo (double the tempo).



Echo and slapback activated, and with SB-trim in center position will give a slapback effect with the second tone head 50% after the original echo (double the tempo).



Echo and slapback activated, and with SB-trim clockwise will give an effect with the second tone head between 50-90 % after the original echo, these settings will with longer feedback settings give a more on beat rhythm pattern depending on the actual SM-trim setting.



PLEASE NOTICE: When plugging in the power, the unit will be either at minimum or max delay time, therefore always tap the tempo needed before start playing.

Power Requirements

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

Power consumption: max. 150 mA

Power supply: 9 V DC (regulated), 200 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 +-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	Delay Min.....	20 m.sec
Output.....	100 Ohm	Delay max.....	1000 m.sec
S/N Ratio.....	68 dB	Dimensions	186 (W) x 120 (D) x 55 (H) mm
THD distortion.....	0,1%		7.31" (W) x 4.72" (D) x 2.16" (H)
Frequency range.....	40 hZ - 16kHz	Weight.....	820g / 1,81lbs

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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