

CARL MARTIN



Manual

Trem(olo) is basically defined as a cyclical variation of volume controlled by a low frequency oscillator, or for us guitar players...something that makes the guitar sound oscillate between quiet and loud either quickly or slowly..... Made famous in the 50's and 60's by bands like the Shadows and Dick Dale for that infamous 'surf sound', the Trem stuck around for many other guitar greats like Robin Trower, Hendrix and Page, right up to SRV and beyond.

The Carl Martin Surf Trem has simplified the whole effect to 2 simple controls (just like the trem circuit on our vintage Fenders and Ampegs), Depth and Speed. The Depth knob controls how much of the effect you want in your guitar signal, and the Speed knob obviously controls the speed of the oscillation.

Below are some examples of settings you might use, and remember, the Trem is an amplitude (volume) effect, and should therefore be placed before distortion, eq's and delay/flangers

Power Requirements

Battery: The Surf Trem requires a 9V battery. To replace the battery, carefully remove the back panel by loosening and removing the 4 screws, install the new battery and then re-install the back panel.

Power consumption: max. 28 mA

Power supply: 9 V DC (regulated), 50 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..... 200K Ohm
Output..... 1K Ohm
S/N Ratio..... 60dB
Dimensions 120 (W) x 95 (D) x 56 (H) mm
4.72" (W) x 3.74" (D) x 2.2" (H)
Weight..... 350g / 0,78lbs

SLOW AND DRAMATIC

Set the speed knob to match the tempo of the song and keep the depth knob fairly high to create that mysterious and dramatic mood...like the Robin Trower thing or Pink Floyd.



- DEPTH +



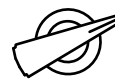
- SPEED +

SUBTLE VIBE

Set the speed knob fairly high and the depth knob fairly low to give your guitar sound some unique depth for rhythm and solo work. This type of setting was used a lot for the 'surf sound' to add that air-iness and depth that helped identify this style of music and guitar.



- DEPTH +



- SPEED +

MAXIMUM EFFECT

Setting both controls to the max or close creates a unique sound which can be used cleanly to or to greater effect with a high gain pedal (like the TOD). Interesting for solo work and adding depth to those gargantuan metal power chords



- DEPTH +



- SPEED +

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.

Made in China

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