

# Cusack Tap-a-Whirl

Thanks for purchasing a *Cusack Tap-A-Whirl*. My goal is not only for you to be happy with this pedal, but to be completely blown away by the sound quality and features. I have put a lot of time and effort into making the best sounding, most durable and reliable pedal you can buy. As a manufacturer, I *never* want to see your pedal again, because if I do, that means you have to go without. However, if you ever do experience a problem with this pedal, please let me know, and I will do everything I can to fix the problem as quickly and painlessly as possible.

## Controls, Displays, and Connections



**Wave** Controls the waveforms. From left to right, the waveforms are sine, ramp, blip, long blip, square, waver, echo, and ping pong.



**Depth** Controls the depth of the tremolo effect. Left is no effect, and right is full effect.

### Fade-In or Brake Speed (Depending on internal Jumper setting).



**Fade-In:** All the way left, the pedal turns on right away, all the way to the right, it takes 4 seconds for the wave to take full effect. This is to emulate the fade-in the old fender amps had.

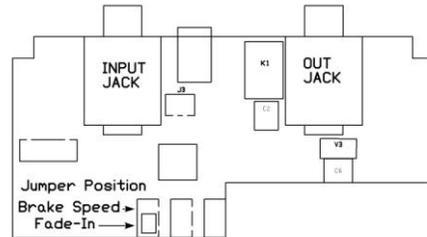
**Brake Speed:** This controls how fast the tempo will change when you hold the Tap switch. All the way left is slow, all the way right is fast, in the middle is just about right.



**Tempo** Tap twice to set the tempo. It also acts as a modified "brake" control. If you hold it, it slows the wave down. If you let go and hold it again it will speed up. In other words, everytime you hold and release, it changes direction. Wherever you let go, it will stay at that tempo. The first five waveforms double from the speed you tap, the last three keep the exact tempo you tap.



**Bypass** Kick the switch to change from *effect on* to *effect off*. In the *off* position the audio is bypassed.



**Blue LED** The Blue LED will blink to show you the current tempo, at slower settings you can actually "see" the waveform as the LED changes brightness with volume.



**Red/Green LED** This is one of the unique features of this pedal. When the effect is off, the LED is off. When the effect is on, the LED is RED. When the battery is going dead, the light will blink GREEN if bypassed, and blink RED if on.



**IN Jack** This is the input to the pedal. Plug either your guitar or whatever effects you want before this effect into this jack. This jack also disconnects power from the pedal, so unplug this jack when not in use to increase battery life.



**OUT Jack** This is the output of the pedal. Plug this either into you amp or into any other effects you want after this effect.



Thanks for buying my products!

Jon Cusack

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**DC Power Jack** This allows you to power your pedal from a DC power supply. This has the same pin-out as the standard pedal supplies, tip is ground, and sleeve is 9V. Make sure you use a filtered supply—this is especially important on high gain overdrive and distortion pedals, since they tend to amplify the noise of the power supply.



**Skid Plate** The *skid plate* helps keep your pedal in place. Since many people put their pedals on a pedal board, we ship the *skid plate* unattached so you can put *Velcro* on the pedal base without having to remove it. If you want to use the skid plate, it attaches in just a few seconds.

**Feedback** I seek to continually improve the design of my pedals. In order to accomplish this, I need to know what you think of my pedals, whether positive or negative. After you have had some time to use the pedal, please either send me an e-mail, or leave feedback at any of the various online music forums.



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