


# Bonkers Manual

Hello and THANK YOU for supporting Magpie Pedals and acquiring one of my effects pedals!  
Feel free to use it with guitar/bass/synths/voice or anything in between (Results may vary).

The pedal works on 9V(DC) on a center negative power jack (2.1mm). 

## 1. Bypass (Right Footswitch):

This pedal uses a soft bypass switching system with two modes of operation.

**Short Press:** Works like any regular pedal. Press to turn it on and then press to turn it off.

**Momentary/Hold:** If you press and hold for about 1-2 seconds the pedal will enter a hold mode. Here it will simply stay in the state it entered when pressing down the button, for however long you decide to hold down the button, and then return when you release the button.

So if you press down when the pedal is turned OFF it will stay ON for as long as you hold the button pressed down, and vice versa.

## 2. info:


Bonkers is based on a PT2399 delay. But instead of having just a classic time knob we are instead working with pulses.

A five step sequencer where each step sets the speed at which the pulses are pulsating. These pulses then makes the delay jump between short and long delay time. Meaning that it can be used as kind of a polyrhythmic vibrato, bizarro reverb octave ringmod delay trails, or as an under water robot sounds go super bananas and have a good time machine! It's totally bonkers!

Sync it with a 5V gate clock to whatever you play into it and all of a sudden you have a polyrhythmic vibrato kinda? Idk I just know that I have had so much fun ever since I came up with this idea!


## 3. Controls:


The sequencer has two modes of operation:


**1: Tap Tempo Mode**, where you set the sequencer tempo by either tapping on the left footswitch or adjusting the speed knob (). It will automatically switch over to whatever you change last.


**2: Manual Mode**, where the sequencer is frozen and you move by either pressing the left footswitch or connecting a 5V CV-Clock to the 3,5mm jack on the back. Additionally the "tap tempo bypass" will sync to the sequencer in manual mode so that every time the pedal turns back on, it has moved a step in the sequencer.


To change between modes you simply press and hold the left footswitch for about 1-2 seconds.

: **Mix** knob. From 100% dry, to introducing "delay", to slight overdriving of the "delay" lines.

: **Repeats/Feedback** knob. Fully clockwise for self-oscillation possibilities.

: **Master Time** knob. It decides the range of the delay jumpy-shifting. Fully clockwise for max range.

: **Steps** knob. This knob is where you pick how many steps the sequencer will utilize. From 1-5.

: **Speed** knob. This knob sets your sequencer speed. From slow as a snail to fast as a rocket.