


Crazynator Manual

Hello and thank you for supporting Magpie Pedals by getting one of my creations!

Feel free to use it with guitar/bass/synths/drums/voice or anything in between (results may vary).

It works on 9V DC (2.1mm)  - center negative. Input is on the right side and output is on the left.

1. Triple Bypass:

This pedal uses a unique bypass switching system that I call "**Triple Bypass**", where you have three different "modes" for turning the pedal on and off:

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.

Tap Tempo Bypass: If you quickly double tap the bypass button (either when on or off) the pedal will enter the "Tap Tempo Bypass" mode. Here the pedal automatically turns itself on/off in whichever tempo you tap. So to change tempo you simply tap a new tempo.

It continuously counts time since your last tap. So if you have been in a tempo for some time and just tap a single tap, it will count the time between this tap and the last tap in previous tempo as your new tempo. With a max length of around 1min.

To exit "tap tempo bypass" you simply press and hold the button for about 1-2 seconds. Note that when exiting this mode the pedal will be ON (regardless if you exit in a OFF or ON state).

2. Info/Controls:

The Crazynator was originally created all the way back in my early days as a circuit bender. I simply took a voice changer toy, added some circuit bends and replaced the microphone and speaker with tele jacks before putting it in a pedal enclosure. The result was a beastly effect pedal with a lot of quirks!

The new and improved Crazynator is based on the same principle. But instead of just taking the circuit board out of a voice changer toy and sticking it in a pedal, I have designed a circuit around it that you attach the voice changer PCB on top of. I have tried to include everything needed to cover for as many different voice changer specs as possible. With jumpers for different variables. And also tried to treat the signal both before and after the voice changer effect to get the most out of its crazy tones.

This also means that you with relative ease can replace the voice changer PCB inside since it's simply held in place with two hex nuts and all the wires are connected with screw terminals. The switches are wired with a mox connector soldered straight to the PCB. These you will have to solder if you ever decide to replace the voice changer PCB with your own.

The **controls** are very straight forward:

Two knobs: One for dry volume and one for the wet (voice changer) volume.

Four switches: Turning on/off whatever pitch/robot effect the voice changer has. Ranging from octave up/down to strange intervals and a crazy phaser-ish effect. Sometimes possible to combine, sometimes not.