

## Square Switches:

**Save** **Saves** the current settings. Press once to save in position 1, press 3 times to save in position 3... Max 8.

**Recall** **Recalls** saved settings. Press once to recall settings 1, press 4 times to recall settings 4.... Wait 2sec for change. **Return RATE to 0 to exit recall**

**Shift** Sets the amount of phase shift stages in use. **4, 6 or 12**. 12 is heaps of phase depth, 4 is not so much depth. **In any Stereo mode only 6 is selectable.**

**Shape** Select the control waveform (LFO),  $\Delta$  *Triangle*,  $\square$  *Square*,  $\cap$  *Sine*,  $\dots$  *Random* or  $\infty$  *Manual* (rate knob sweeps phase like a filter).

## Config



**M/D:** Defaults to *Mono in Dual out*. This means one input (either jack) feeds the phaser and you get 2 outputs with the same signal. You could hook up two signal chains. Great for Gat!



**M/S:** *Mono in Stereo Out*. This means your one input (either input 1 or 2) feeds 2 separate 6 stage phasers.

Each output (1 and 2) is out of phase with the other so you get cool stereo effects when you hook up 2 amps. Great for Gat or keys!



**S/S:** *Stereo in Stereo Out*. This makes the phaser into 2 separate 6stage phasers.

Input1 feeds through to output1, input2 feeds through to output2. Both are out of phase for great stereo panning. Great for keyboards or post production!



**P/T:** *Phase/Tremolo*. This turns the phaser into a pseudo tremolo and a phaser.

Input 1 is a 6 stage phaser, input 2 is a pseudo tremolo. The 2 pulse out of phase. Great for Gat! Feed output 1 into input 2 to use both at the same time!

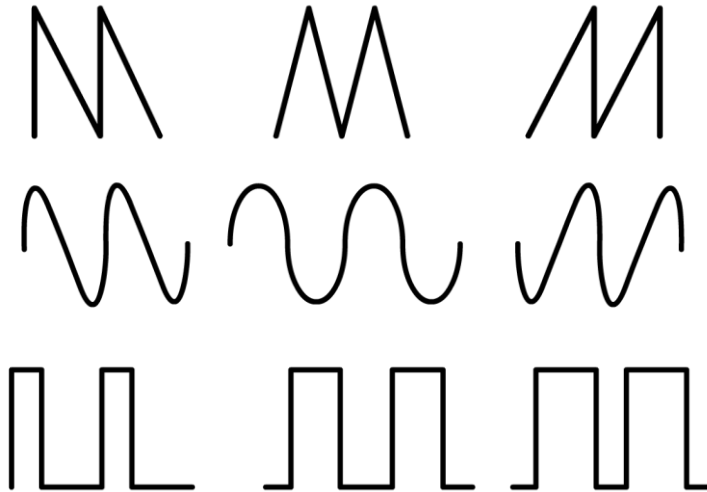
**Multiply** This sets the **tap** multiply function. 1 = 1:1, 3 = 3:1 and so on. Tap slow then speed it up by selecting a higher number. Great for double time or multiples of your songs tempo

## Variable controls:

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**Rate** Adjust the speed of the phaser. From once every 100seconds to 100Hz.

**Symmetry** Adjusts the shape of the control waveform. Fast rise-slow fall, Slow rise-fast fall and anything in between. With the knob pointing to the middle the waveform will be symmetrical. Check out the examples below:



**Resonance** Adjusts the intensity of the phasing effect. This will go all the way to self-oscillation, watch out!

**Lower** Adjusts how long the phaser stays at the bottom of the waveform. From not at all to 2 seconds. Think of it as freezing the frequency of your guitar at the bottom of the phasing. Here is a triangle wave example:



**Upper** Adjusts how long the phaser stays at the top of the waveform. From not at all to 2seconds. Think of it as freezing the frequency of your guitar at the top of the phasing.

Here is a triangle wave example:



## ***Input***

Drive. Crank it and drive the inbuilt distortion stage, turn it down for standard tones. (not saved)

## **Foot-Switches:**

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***Tap/Recall*** When all the square switches are lit this is TAP tempo. When only the *Recall* square switch is lit, *Recall* is its function.

Hold down this switch for 2secs and it becomes the Recall switch, release then press it once to recall position 1, 3 times for position 3 and so on. Leave it for 2secs and your preset will load.

Hold it down for 2 secs and it will default back to Tap tempo.

## ***Bypass***

When the ENGAGED led is lit the effect is in circuit. When it's out *channel one* is true bypass, *channel two* is buffered bypass.

## **Jacks:**

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***In1 and In2*** – Check the **Config** section to see where each signal goes

***Out1 and Out2*** – Check the **Config** section to see where each signal comes from

***CV in*** Plug an external CV (LFO) into the Phaser. Link effects pedals, or sync with your computer etc. (0-5VAC signal)

***CV out*** Use the powerful inbuilt CV (LFO) to run other effects or a synth LFO. Connect this to the CV in on your synth with a standard Jack to Jack.

***EXP1*** Plug an expression pedal in to control the Rate

***Recall*** Connect the Dogmatek recall footswitch to recall the settings on all your Dogmatek pedals easily.

***DC*** 9VDC

