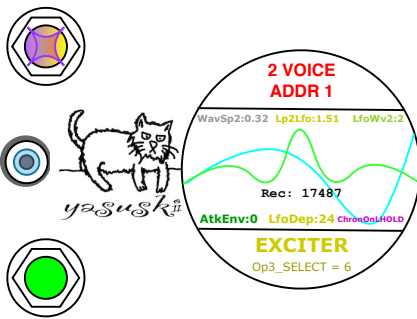


# The Exciter

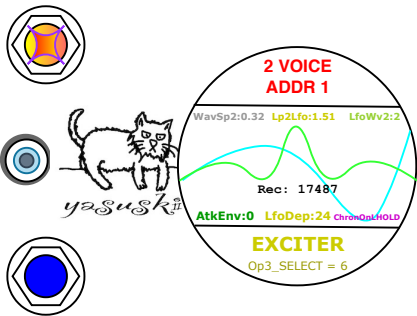
The "Op3" has the selector for the output source, Transition / Normal envelope and Exciter.

In Exciter mode, the input signal is reading out the wavetable which is generated for transforming from by Chebyshev's polynomial expressions.

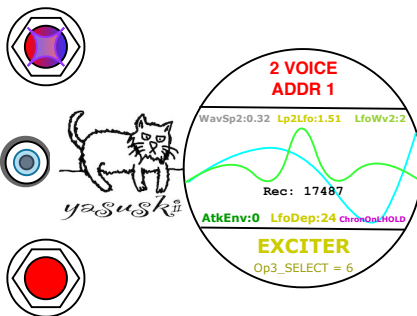
The 5 parameters as the fundamental and 4 harmonics levels are available for generating the wavetable. Fig.6 shows the generated wavetables by different parameter settings. The user can edit the mixing level of the harmonics by the following steps.



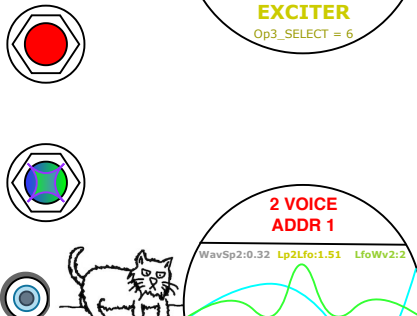
- 1) Double click the upper knob then select the Harmonic Level 5 (Magenta)
- 2) Turn the upper knob for setting the Harmonic Level 5.
- 3) The Blinking speed of the upper LED show the values of the parameters.



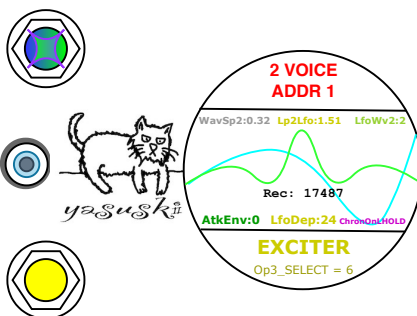
- 1) Double click the upper knob then select the Harmonic Level 4 (Yellow)
- 2) Turn the upper knob for setting the Harmonic Level 4.
- 3) The Blinking speed of the upper LED show the values of the parameters.



- 1) Double click the upper knob then select the Harmonic Level 3 (Red)
- 2) Turn the upper knob for setting the Harmonic Level 3.
- 3) The Blinking speed of the upper LED show the values of the parameters.



- 1) Double click the upper knob then select the Harmonic Level 2 (Blue)
- 2) Turn the upper knob for setting the Harmonic Level 2
- 3) The Blinking speed of the upper LED show the values of the parameters.



- 1) Double click the upper knob then select the Harmonic Level 1 (Green)
- 2) Turn the upper knob for setting the Harmonic Level 1.
- 3) The Blinking speed of the upper LED show the values of the parameters.



- 1) Double click the upper knob 4 times then return to the starting point.
- 2) Turn the upper knob for selecting the Memory Bank (3) of the Exciter.
- 3) Hold the top knob for recording the parameters to the Memory Bank. then the LCD shows the details of the parameters.



The lower knob is assigned to the output selector for CH.3. Turn the knob for selecting a signal from 5 oscillator output. The first group of 5 set the output level with transition. The second group of 5 set the output level with normal envelope. The last group of 5 set the transfer output with normal envelope. The LED on the lower knob shows which oscillator is assigned from.