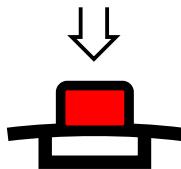
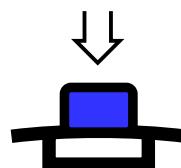


# The Looper



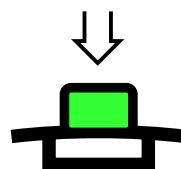
**The top switch on the right is working as follows:**

- Single click:** Looper Start Recording / inactivate
- Double click:** PitchDrift--
- Triple click:** Set Playback speed on the Looper++
- Hold:** Start/Stop the Auto Fade mode



**The top switch on the center is working as follows:**

- Single click:** Freez Pitch
- Double click:** PitchDrift--
- Triple click:** Playback speed on the Looper--
- Hold:** Recalling the Scene Memories



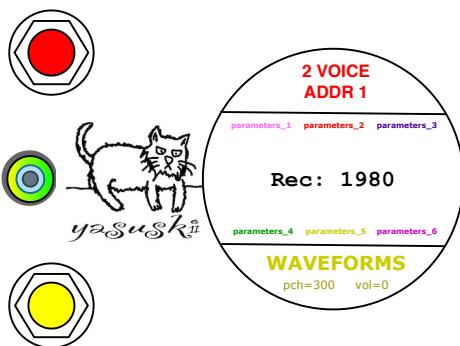
**The top switch on the left is working as follows:**

- Single click:** Start/Stop Arp/Seq/Looper
- Double click:** noteNumber --
- Triple click:** Set Playback speed on the Looper --
- Hold:** Skipping to the the THRES mode and back



**The looper capture time follows the tempo and steps of the Arpeggiator.** For example,  $25\text{ms} * 4\text{steps} * 24(\text{magnification}) = 2400\text{ms}$ . The magnification is set by **DLY\_Offset** in **TRES / CHROMATIC** mode. The recording duration is shown at the center of the LCD, then start count down after the Looper start recording.

**The Looper can change the 6 playback speeds by the parameter on TRES / PHASE\_SHIFT mode :**  
Normal Norm\*2 Norm\*1/2 Reverse Revs\*2 Revs\*1/2.



**The top switches have the "jumping" actions in this mode.** For example, jump to the **THRES mode** when Holding the **left side switch** or jump back to the **Voice mode**.

**After sound recording begins, the LED on the centerpiece flashes Magenta and Blue in tempo.** On the last 8 counts, the LED changes color to Yellow & Green.