

## **Tone Mutation: Vocals (TMV) Demo Patches**

**"The next generation wav-sequencing" functionality that goes far beyond what classics like the WaveStation or Prophet VS offered and also can now apply it to any sound - including recorded tracks. New sound possibilities that up to now have been virtually impossible to do in Reason.**

**The 4 combinator patches allow HD wav sequencing (morphing) between up to 8 different vowel sounds. Cycling through the sequence with a combinator Knob, LFO or Matrix pattern. The accuracy of each vocal wav allow accurate re-creation of vibrato large pitch changes while still maintaining the vowel timbre. Go beyond the timbral capabilities of any vocoder.**

### **Available Combinator Patches**

**NumSnd\_8XF\_TMV\_Perc\_v1.cmb**

**NumSnd\_8XF\_TMV\_SoloVox\_v1.cmb**

**NumSnd\_8XF\_TMV\_SynTone\_v1.cmb**

**NumSnd\_8XF\_TMV\_Audio\_Plugin\_v1.cmb**

**These combinator patches are based on patch designed by Giles Reaves (Selig Audio, LLC).**

## Tone Mutation: Vocals (TMV) Demo Patches

Select either 2, 3 or 4 to control the wav sequencing

Controls the amount of TMV effect

Knob 2 controls the Matrix Patterns. Button 2 activates Matrix (when red)

Knob 3 controls morphing - which of the 8 TMV patch is heard. Button 3 activates it.

Knob 4 controls the bass level (<500Hz) that passes through and not processed by TMV.

Button 4 activates the LFO to control the vocal morphing with Button 1 selecting LFO wav. On (Red)- Smooth Random Wave, off (white) - Triangle Wave.





For patch “NumSnd\_8XF\_TMV\_SynTone\_v1.cmb”

MicroMix controls the level of the  
each synth.

- chan 1 Thor
- chan 2 NN-XT
- chan 3 Malstrom
- chan 4 Subtractor





Select a Tone Mutation Vocal patch for each of the 8 instances of this combinator patch.

Value of Combinator Knob 3, 4 or Matrix value (Button 2 selected) maximum channel isolation.

- TONEMUTVOC 1 max amp Knob Value=2
- TONEMUTVOC 2 max amp Knob Value=24
- TONEMUTVOC 3 max amp Knob Value=40
- TONEMUTVOC 4 max amp Knob Value=58
- TONEMUTVOC 5 max amp Knob Value=73
- TONEMUTVOC 6 max amp Knob Value=86
- TONEMUTVOC 7 max amp Knob Value=104
- TONEMUTVOC 8 max amp Knob Value=121





**When Matrix used as morphing selector. Button 2 Red activates it and Knob 2 controls the pattern. Unipolar CV.**

**To change the resolution note length you will have to change this manually.**





For patch “NumSnd\_8XF\_TMV\_Perc\_v1.cmb”

MicroMix controls the level of each instrument.

chan 1 Dr.OctoRex  
chan 2 Kong  
chan 3 ReDrum  
chan 4 ID8





**MicroMix chan 10 controls the level of the high frequencies of the original sound source. For percussion the vocal formats over ~8KHz are not essential for timbre and give percussion more attack.**





LFO (Button 4) activates the LFO Rate which controls the vocal morphing rate.





**Num\_Snd\_Drum\_Voc8Mod\_Plugin.cmb** is a combinator effect that can be applied to any audio track.

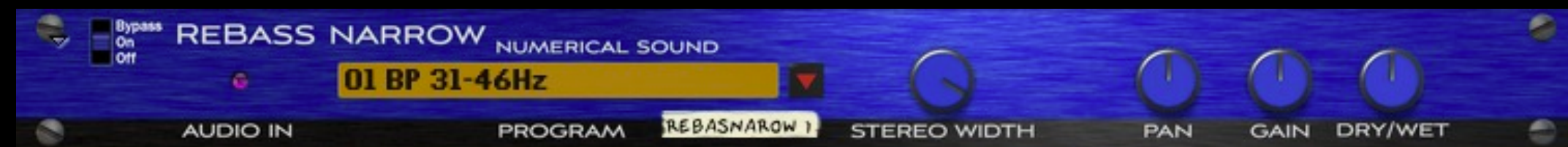
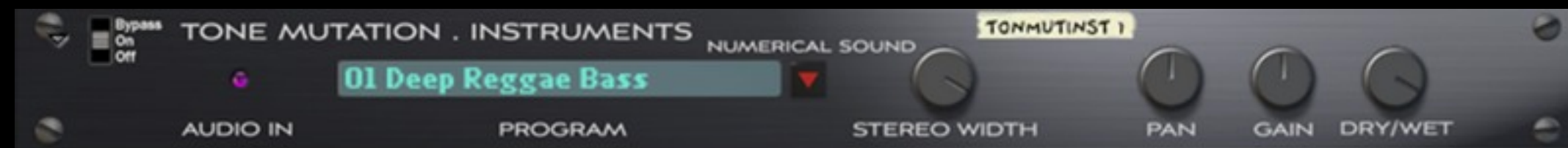
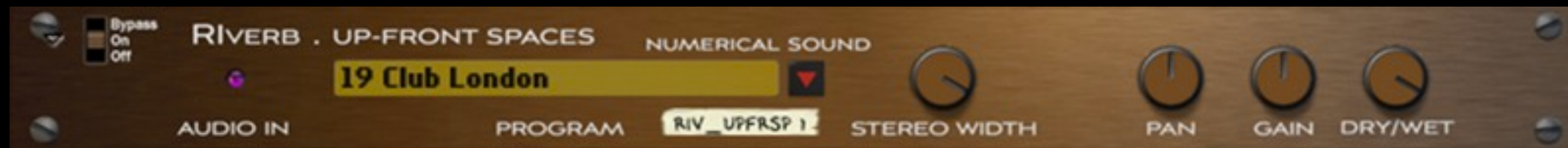
**1) Create an audio track and import audio into the track. Click on "SHOW PROGRAMMER" and "SHOW INSERT FX"**

**2) Select combinator insert fx file "NumSnd\_8XF\_TMV\_Audio\_Plugin\_v1.cmb"**

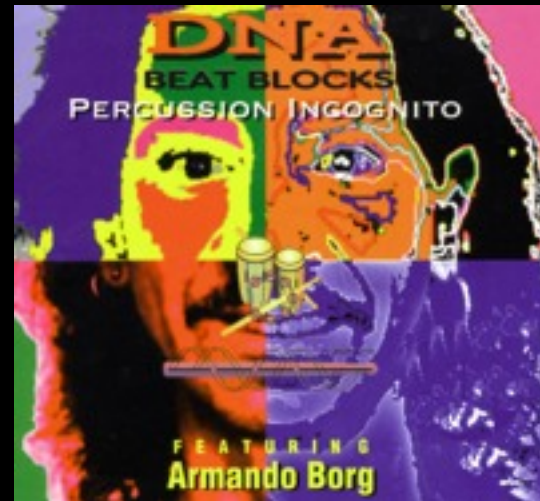
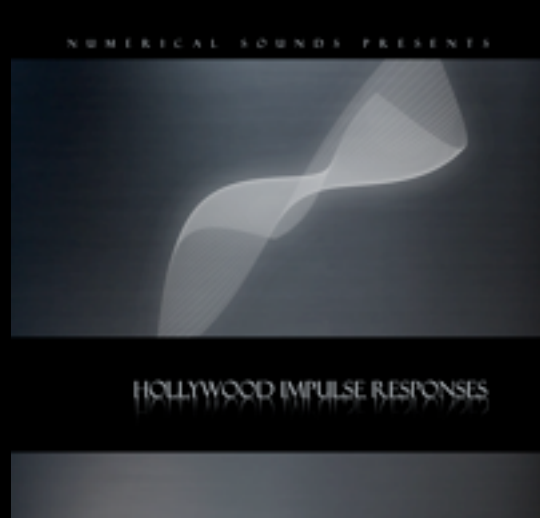
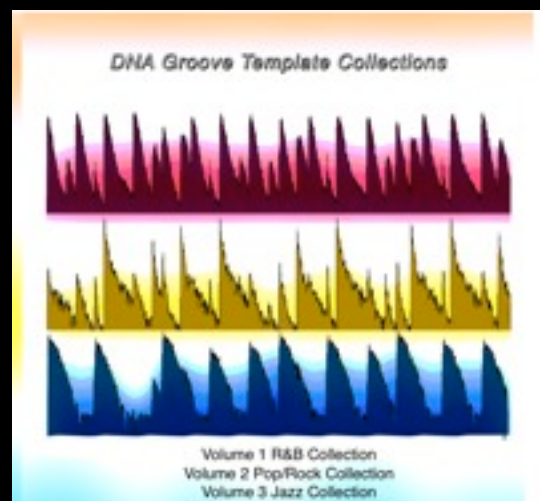
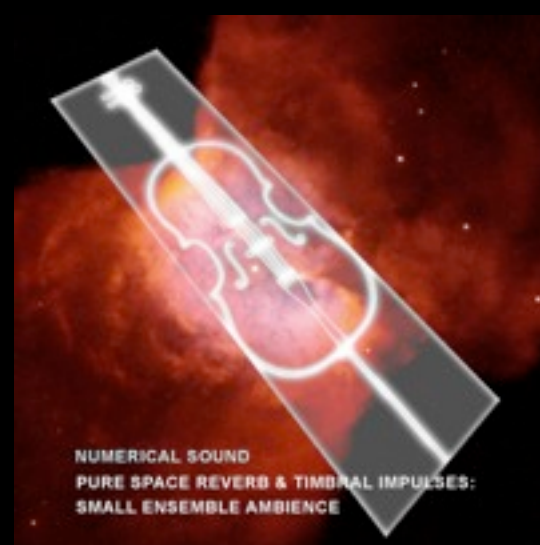
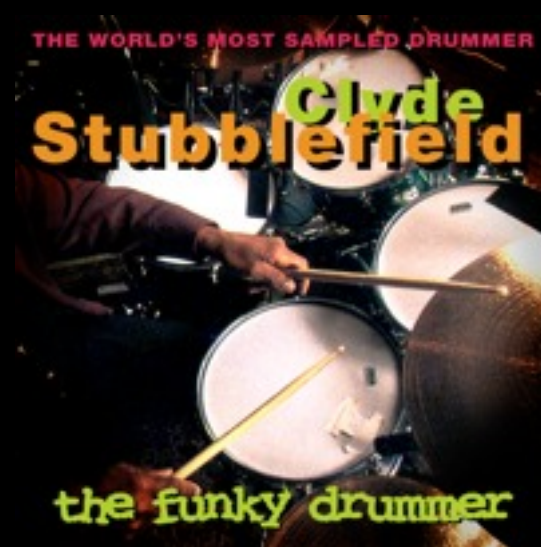
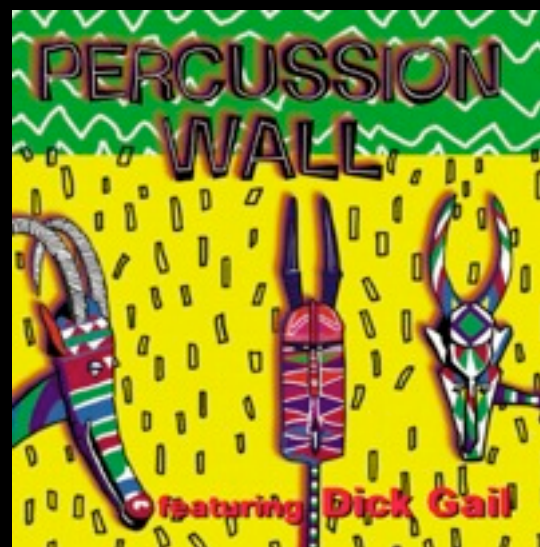




# Other Numerical Sound Rack Extensions







## Other Numerical Sound Products





[www.numericalsound.com](http://www.numericalsound.com)