

## *Engravings for Prepared Snare Drum, iPad, and Computer*

*By Timothy Polashek*

Engraving is the art of incising a design on to a hard, usually flat surface, by cutting grooves into it. “Engravings for Prepared Snare Drum, iPad, and Computer” through tactile and interactive processes directs the percussionist to create and sculpt in sound by performing gestures on an iPad and a prepared snare drum. A computer, fed by a contact microphone on the drum and wireless signals from the iPad, renders these inputs into sound and displays a score consisting of a series graphical images based on statistical data from the State of Kentucky for the performer to interpret and “engrave” through time.

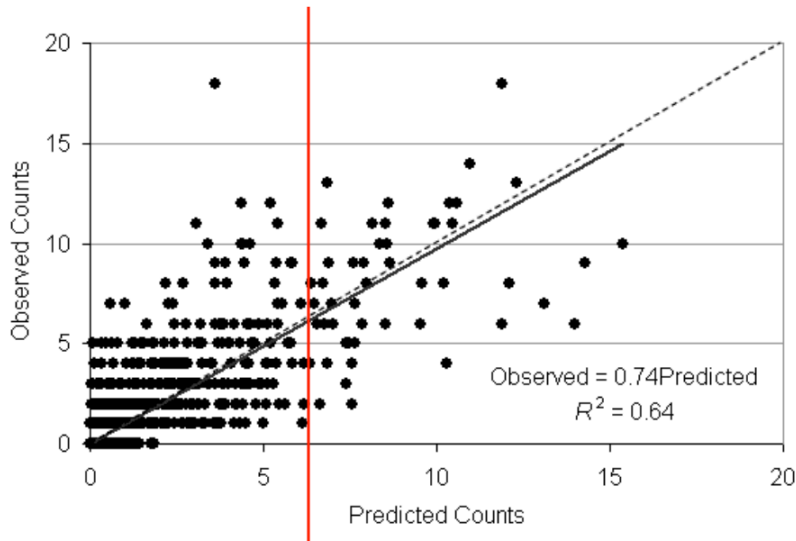
***Step 1: Prepare a snare drum and attach a contact microphone. Here is one possible preparation.***



**Step 2: Load the “Engravings for Prepared Snare Drum, iPad, and Computer” software on to your performance computer.**

## *Engravings for Prepared Snare Drum*

PART: 2



ESC key= fullscreen toggle

adstatus driver  
CoreAudio Digidesi...  
1 <- Select Rehearsal & Audio on/off  
p Guts Section adc-1

Next Part "On-Deck"

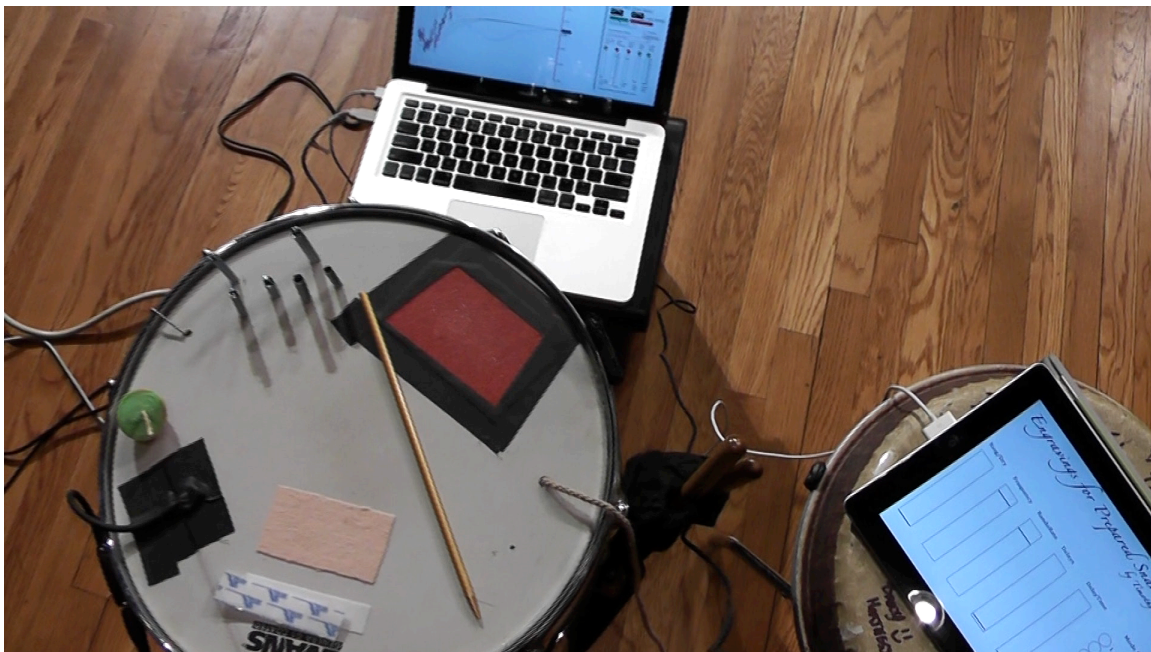
receive- LeftOut receive- RightOut  
p audio\_rendering  
Start Countdown Stop Performance  
Performance in Progress  
Init iPad  
p iPadInterface

Ring Modulator Mode  
4 Auto-Sweep Fast

More Ring Modulator (wet) Higher Ring Frequency Rand-0 nizer More Delay FXs Longer Delay Times  
Less Ring Modulator (dry) Lower Ring Frequency Faster Rate Less Delay FXs Shorter Delay Times

Green Indicates contol fader is active.

**Step 3: Load the “Engravings for Prepared Snare Drum, iPad, and Computer” interface on to your iPad.**



***Step 4: Perform!***



***Dr. Brad Meyer performs “Engravings”***