**Bass Face Notes**

Shaking the box gets changes in accelerations up to around 750.

We can divide by 8 to get the MIDI values. This gives us a max of 1024 for these using the derivative values.

Hard impacts for percussive stuff get changes around 2000 divide by 16 I guess to get MIDI values.

Calibration:

Data is printed as: acelX acelY acelZ giroX giroY giro  
Test 1:

Sensor readings with offsets: 7 1 16376 -1 0 -1

Your offsets: -2968 -2569 1158 -294 -94 -12

Test 2:

Sensor readings with offsets: 4 3 16391 0 0 -1

Your offsets: -2968 -2569 1158 -293 -94 -12

Test 3:

Sensor readings with offsets: 6 2 16377 0 1 0

Your offsets: -2967 -2570 1159 -293 -94 -12