Feb 2019 33573140 Music Computing 2

Assignment 3: Mapping Strategies & Sonifcation

FM Synth Vibrato / Vocal Sampler Delay Wet/Dry





Drum Delay Feedback

Drum Looper - Stop Recording/
Trigger playback of last loop



R1 Drum Looper - Clear All Buffers

Enable & Record Kick

Enable & Record Hat

Enable & Record Hat

Enable & Record

Rotate < 180° and release to trigger drum sampler





Rotate > 360° to excite vocal sampler FX

MOTION SENSORS:

Percussion

X-Axis Gyroscope - FM Synth Modulating Frequency (triggers the synth in discrete steps)

Z-Axis Gyroscope - FM Synth Pan, Drum Sampler Pan (inverted on each other), Vocal Sampler Delay Time

X-Axis Accelerometer - Pitch of Doppler Pitch FX (vocal sampler)

Y-Axis Accelerometer - Delay Window Size of Doppler Pitch FX (vocal sampler)