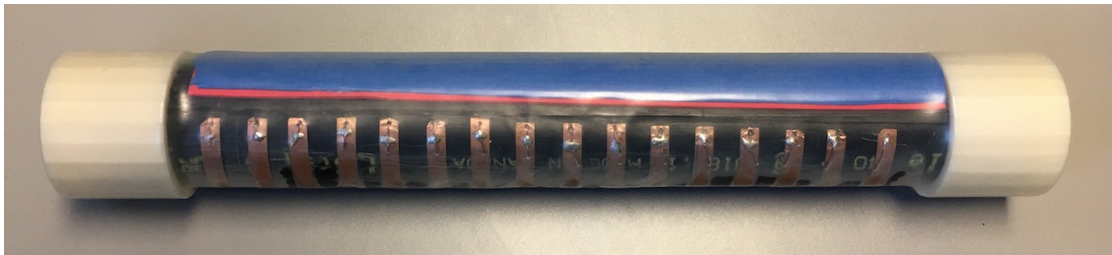# T-Stick Sopranino 2GW

Specifications:

- Touch Sensing: 16 capacitive sensing strips
- Motion Sensing: 9 DOF IMU
- Pressure Sensing: 1 Force Sensitive Resistor
- Connectivity: WiFi – OSC based data communication
- Dimensions: 33.5cm x 5cm (diameter)
- Weight: 0.3 Kg
- Serial Number: 181

Requirements:

- Mac OSX with Max/MSP
- Libmapper externals for Max/MSP
- Sound Synthesizers that work with libmapper: granul8, modal.
- Other sound synthesizers to create ad-hoc mappings.

OSC Namespace

Send	Variable type
/information	(2) unsigned int
/rawcapsense	(2) int
/rawgyro	(3) float
/rawaccel	(3) float
/rawmag	(3) float
/rawpressure	(1) unsigned int

Receive	Variable type/Description
/status	(4) int
/status 115	Heartbeat every 1.5sec
/status 120	Stop
/status 119 105 i i	Write info: Serial #, Firmware Rev.
/status 119 84 i i	Touch Mask
/status 99 i	Calibration of FSR
/status 119 119	Write Settings EEPROM
/status 119 114	Read Settings EEPROM