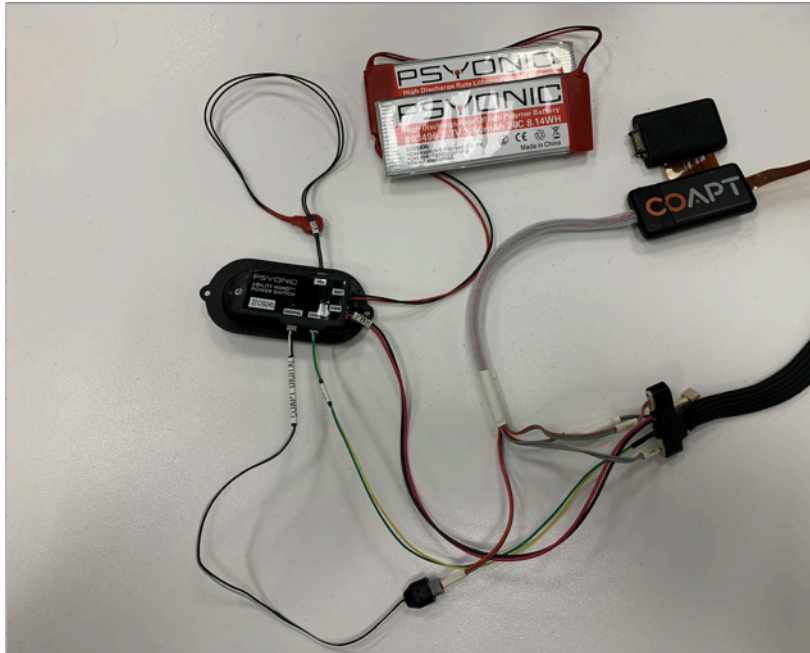


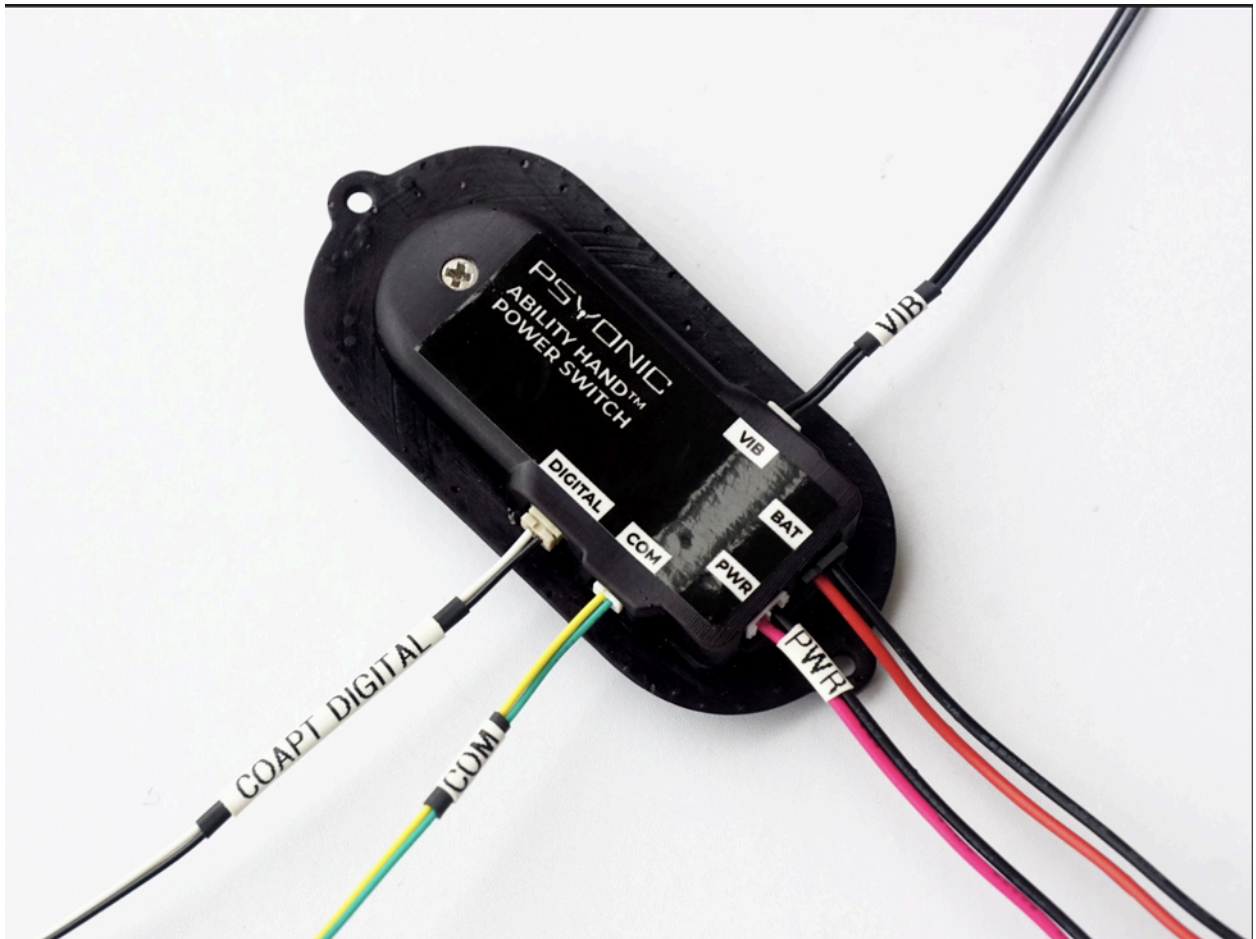
# Socket Setup Guide with Coapt (Short Wrist)

**User Manual:** available on website for download at [www.psyonic.co](http://www.psyonic.co) > [The Ability Hand](#) > [Download the User Manual](#)

1. Power Switch (fully connected)



# PSYONIC



- The charging port should be situated proximally on the socket with the PSYONIC logo being readable from the user's viewpoint
- On the socket, the power switch should be positioned flat on surface (as much as possible) with the PSYONIC logo readable from the user's perspective
- Of the five (5) ports on the bottom of the power switch, the sticker provides a guide for cable connections. As a key:
  - VIB = PSYONIC Vibration Unit
  - BAT = PSYONIC Battery Pack
  - PWR = red/black cable; delivered already plugged in (POWER OUT)
  - COM = green/yellow cable; delivered already plugged in (Communication)
  - DIGITAL = black/white cable that gets Coapt's "DIGITAL" cable connected into it

# PSYONIC

- The Power Switch can be positioned anywhere on the socket, per the prosthetist/technician design, though distal on a medial wall is recommended, so that the light on the switch is viewable while in use.



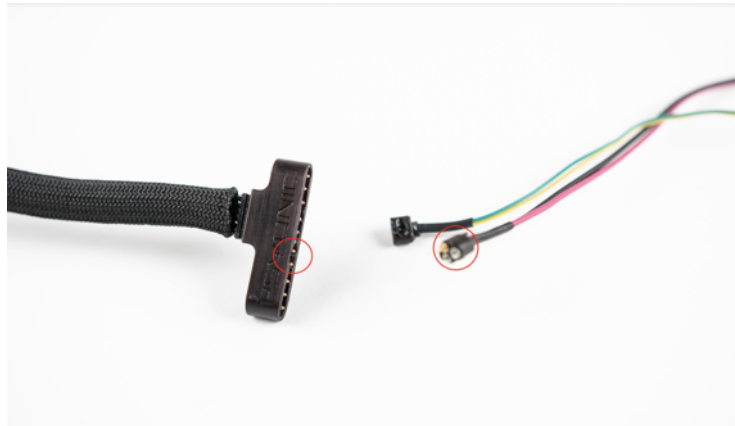
- These fabrication dummy blocks are provided such that they can withstand high-temperature fabrication. Align the part that says "wrist" such that the arrow is pointing distally.

## 2. Short Wrist Connector

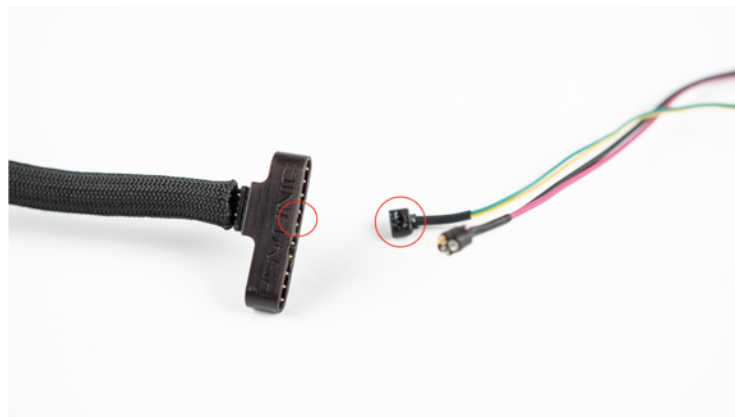


# PSYONIC

- PWR (Power Out): red/black cable from Power Switch to be plugged into the 3-pin half moon adapter into the second middle port on short wrist connector



- 
- COM (Communication): green/yellow cable from Power Switch to be plugged into the 2-pin half moon end into the second middle port on short wrist connector



- 
- Coapt "OPEN" and "CLOSE" can be plugged into the remaining pins as guided by their manual



■

# PSYONIC

## 3. Vibration Unit



- Optimal placement within the socket, between the inner socket and outer shell
- Not contacting user's skin directly

## 4. Battery Pack

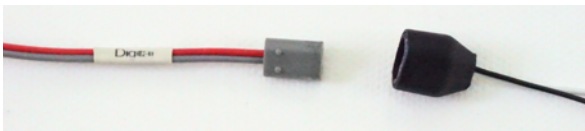
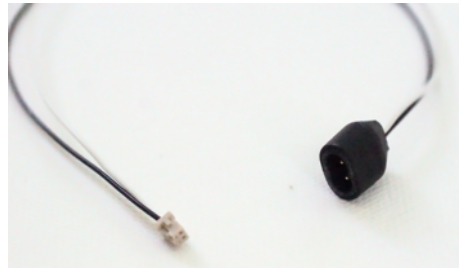
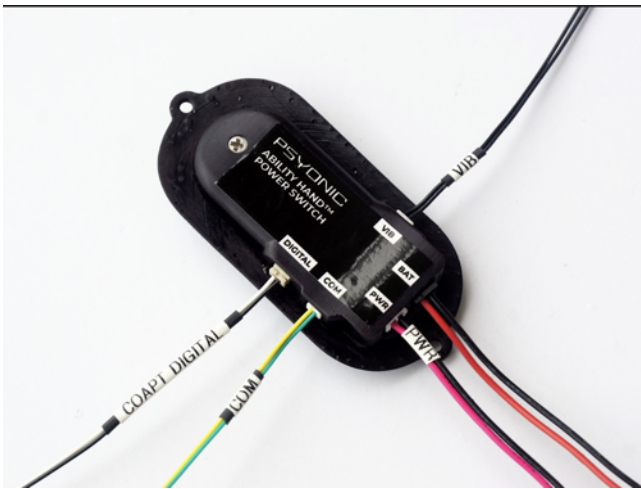
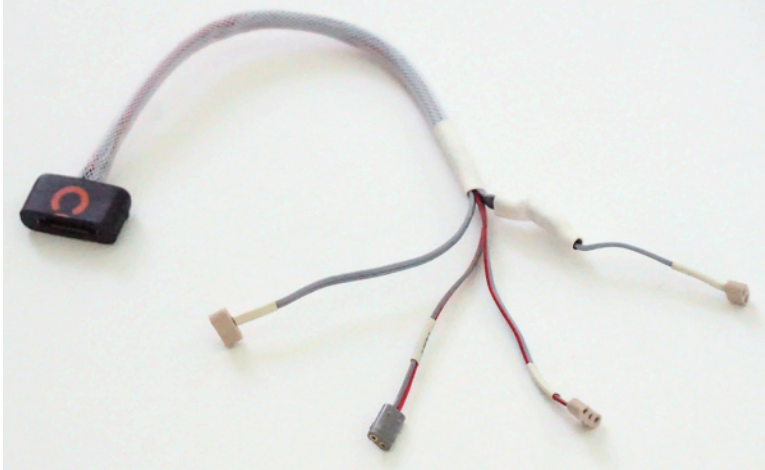


- Packaged as a set of two 3.7V cells in series (7.4V, 2200mA total)
- Need to be plugged-in per the instructions under "Power Switch" section
- We recommend placement on a flat surface with the use of epoxy to adhere the battery pack within the inside of the socket

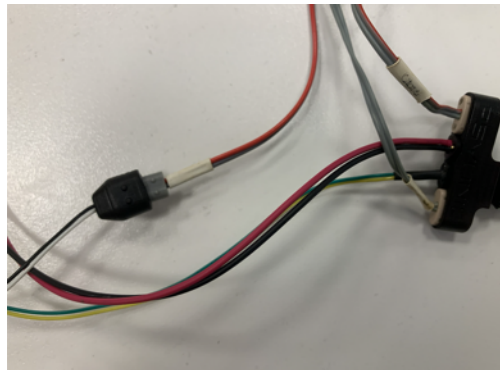


# PSYONIC

## 5. Coapt



- Coapt Digital plugs into black adapter connected to Coapt port on Power Switch



- Plug other two Coapt pins into short wrist connector for open and close
- Follow Coapt instructions for remaining Coapt software setup

# PSYONIC

## 6. Charging

- Estimated time to charge: 1 hour to 100% with provided USB-C charger
- Cable can be inserted in any polarity direction
- Ports are USB-C and compatible with other USB-C cables; however, only the charging cable provided by PSYONIC has been tested to comply with the device for fast charge capability

### **Provided by PSYONIC:**

- The Ability Hand
- Black hub cable
- Short Wrist Connector
- Set Screw
- Socket Side Short Wrist
- Short Wrist Lamination Instructions
- PSYONIC Battery Pack
- PSYONIC Power Switch
- USB-C 30W Wall Charger
- USB-C Charging Cable

### **What needs to be purchased separately:**

- For Myoelectric Direct Control
  - Electrodes
    - Ottobock, Steeper, or Motion Control
  - Electrode Cables
- For Pattern Recognition
  - Coapt Gen 2 System