J5 allows pattern recognition command of College Park Espire Hybrid electric lock with optional pronation/supination of powered wrists and open/close operation of prosthetic hands. Pattern recognition command of multifunction grips is not included.

PART 1: PHYSICAL CONNECTIONS

**PRE-ASSEMBLED**
The Coapt controller (white PCB) will be pre-attached to the Espire unit. Do NOT attempt to remove it.

**PRE-ASSEMBLED CONNECTION**
The Coapt Complete Calibrate button is attached to the Coapt controller with its flex cable passing through the Espire Strain Relief Disc. Contact Coapt support for assistance detaching/attaching this cable from the elbow.

**EMG CONNECTION**
The Coapt EMG Interface Cable (not shown here) for Espire has a special 90° exit. Ensure it is connected and secured once the Espire Strain Relief Disc is in place.

**EMG OUTPUT TYPE**

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange</td>
<td>Hand-Open</td>
</tr>
<tr>
<td>Green</td>
<td>Hand-Close</td>
</tr>
<tr>
<td>Gray</td>
<td>Wrist</td>
</tr>
<tr>
<td>Red</td>
<td>Power</td>
</tr>
<tr>
<td>Blue</td>
<td>Bus Communication</td>
</tr>
<tr>
<td>Purple</td>
<td>Passthrough +</td>
</tr>
</tbody>
</table>

**DISTAL CONNECTIONS**

- **HAND:** Any With Open/Close Control
- **WRIST:** Motion Control Standard Wrist Rotator (1010004, 1010005, 1010006) OR Ottobock Electric Wrist Rotator (1017)

**COLLEGE PARK HYBRID & OPEN/CLOSE HAND**

PART 2: SOFTWARE SETTINGS

**ELBOW**

**COLLEGE PARK ESPIRE HYBRID**
In the Espire iOS user application, most screens will indicate the direct Coapt connection and not require specific settings.

**WRISTS**

**OTTOBOCK ELECTRIC WRIST ROTATOR (NO MYOROTRONIC)**
No settings required

**MOTION CONTROL STANDARD WRIST ROTATOR (NO PROCONTROL)**
No settings required

**HANDS**

**I-LIMB, TASKA, VINCENTEVOLUTION3, : PSYONIC ABILITY HAND, COVVI HAND**
Ensure hand settings are the factory defaults.

**OTTOBOCK SENSORHAND, MYOHAND VARIPLUS, SYSTEM ELECTRIC GREIFER, OR SYSTEM ELECTRIC HAND**
Ensure 'control mode'/‘program’1

**HANDS (CONT.)**

**OTTOBOCK BEBIONIC**
Control Strategy: Dual Site
Open / Close Strategy: Electrodes: A,B
Control Options: Electrodes
Control Response: Proportional

In **ELECTRODE SCREEN:**
- Channel 1 “Blue” threshold: 10%
- Channel 1 “Red” threshold: 90%
- Channel 2 “Blue” threshold: 10%
- Channel 2 “Red” threshold: 90%

Remember to press “Send to Hand” after making any changes

**MOTION CONTROL PROHAND, PROETD/ETD2**
HAND SET UP
- Input Type: EMG
- Hand Filtering: Quick
- Channel: Dual
- Conatrol: Differential
- Hand Direction: A

Thresholds/Outputs
- A: 15
- B: 15
Input Gains
- A: 5
- B: 5