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.

**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