J1 allows pattern recognition command of Ottobock ErgoArm Electronic plus electric lock with optional pronation/supination of powered wrists that have rotational controllers and open/close operation of prosthetic hands. Pattern recognition command of multifunction grips is not included.

**PART 1: PHYSICAL CONNECTIONS**

**ERGOARM ELECTRONIC PLUS**

Coapt cable connection marked ‘Connect to “2”’ must plug into elbow port ‘2’ of ErgoArm Electronic Plus.

**COAPT CABLE CONNECTION**

Coapt cable connection marked ‘Connect to “1”’ must plug into elbow port ‘1’ of ErgoArm Electronic Plus.

**COAPT CABLE CONNECTION**

Coapt cable connection marked ‘Connect to “_   ”’ must plug into elbow port ‘_   ’ of ErgoArm Electronic Plus.

**PART 2: SOFTWARE SETTINGS**

**ELBOW**

**OTTOBOCK ERGOARM ELECTRONIC PLUS**

Ensure that the 12K50 ErgoArm Electronic plus is setup and programmed in “Switching mode 1” (white coding plug). Refer to the 12K50 ErgoArm Electronic plus manual for details.

**WRISTS**

**OTTOBOCK ELECTRIC WRIST ROTATOR WITH MYOROTRONIC**

Ensure Ottobock MyoRotronic set to ‘program 1’ defaults. Refer to the MyoRotronic manual for instructions.

**MOTION CONTROL PROWRIST ROTATOR**

**WRIST SET UP**

- Electric Wrist Enabled: Yes
- Wrist Direction: A

**RELAX DELAY**

- Relax Timer: 0.1

**SWITCH CONTROL**

- Switch Rates A: 75
- Switch Rates B: 75
- Switch Window: 0.1
- Fast Access: On
- Co-Contraction: Off
- Auto-Switch Back: No

**HANDS**

***MANY/MOST HANDS SHOULD BE SET TO FACTORY DEFAULT FOR OPTIMAL OPERATION.***

**OTTOBOCK SENSORHAND, MYOHAND VARIPLUS, SYSTEM ELECTRIC GREIFER, OR SYSTEM ELECTRIC HAND**

Ensure ‘control mode’/’program’ 1.

**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