K1 allows pattern recognition command of Ottobock DynamicArm Plus elbow flexion/extension with optional pronation/supination of a powered wrist and open/close operation of prosthetic hands. Pattern recognition command of multifunction grips is not included.

PART 1: PHYSICAL CONNECTIONS

**CLINICAL CONNECTIONS & SETTINGS GUIDE**

**K1 DEVICE CONNECTION CLINICAL CONNECTIONS & SETTINGS GUIDE**

**CLINICAL CONNECTIONS & SETTINGS GUIDE**

**K1**

**DEVICE CONNECTION CABLE TYPE**

**CLINICAL CONNECTIONS & SETTINGS GUIDE**

**PART 1: PHYSICAL CONNECTIONS**

**CONNECTION**

Coapt cable connections marked "1" through "6" must plug into the corresponding '1' through '6' of the MyoMaster (13E219).

**DYNAMICARM PLUS (12K110N)**

**CONNECTION**

Coapt cable connections marked "1" or "2" must plug into elbow port '1' or '2' of DynamicArm Plus.

**NOTE:** Many hands will require the 13E100 AnalogAdapter from Ottobock. Consult with Ottobock if your selected hand will require this additional component.

**CONNECTION**

MyoMaster cable must plug into elbow port 'AXON' of DynamicArm Plus.

**PART 2: SOFTWARE SETTINGS**

**ELBOW**

**OTTOBOCK DYNAMICARM PLUS**

Ensure all settings in the Ottobock ElbowSoft TMR 'Customizing' screen are set exactly as shown by clicking the 'Default' button.

**HANDS (CONT.)**

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

Ensure 'control mode'/'program' 1

**MOTION CONTROL PROHAND, PROETD/ETD2**

**HAND SET UP**

- Input Type: EMG
- Hand Filtering: Quick
- Channel: Dual
- Control: Differential
- Hand Direction: A

**Thresholds/Outputs**

- A: 15
- B: 15

**Input Gains**

- A: 5
- B: 5

**WRISTS**

**OTTOBOCK ELECTRIC WRIST ROTATOR (NO MYOROTRONIC)**

No settings required.

**HANDS**

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

**PSYONIC ABILITY HAND**

Ensure the "Control System" setting in the PSYONIC ABILITY HAND app is set to "Direct Control"

Ensure all other hand settings in the PSYONIC ABILITY HAND app are set to the factory defaults.

**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.