

K1

CLINICAL CONNECTIONS & SETTINGS GUIDE

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



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

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

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

DYNAMICARM PLUS
(12K110N)

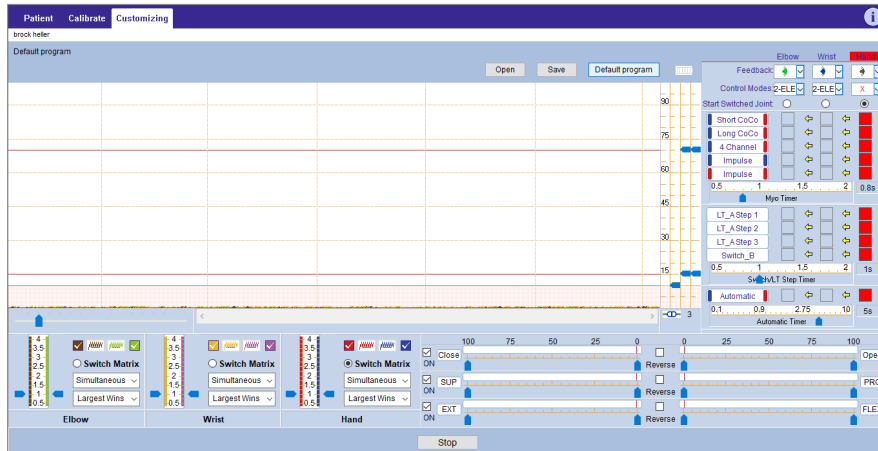
NOTE: Many hands will require the 13E100 AnalogAdapter from Ottobock. Consult with Ottobock if your selected hand will require this additional component.

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