


# 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)

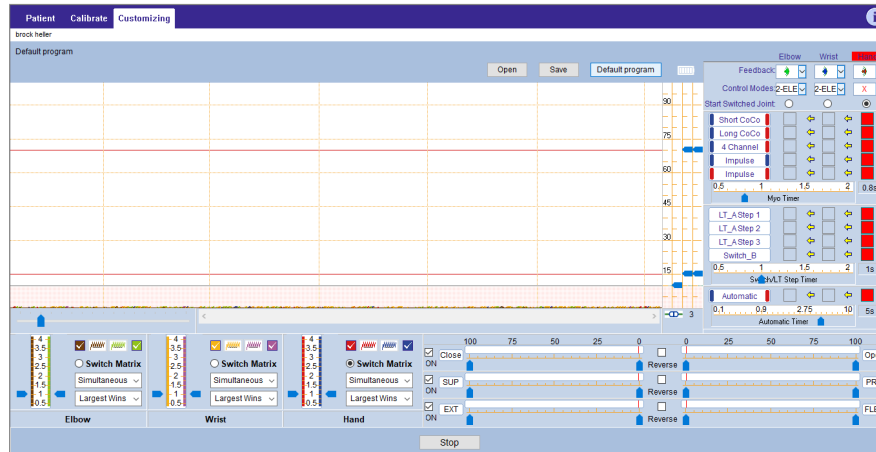
**NOTE:** Many hands will require the 13E100 AnalogAdapter from Ottobock. Consult with Ottobock if your selected hand will require this additional component.

## 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

#### ADAMS HAND

Ensure the "Control System" setting in the Adam's Hand is set to "Coapt"