

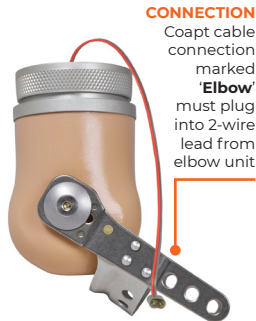
# K7

# CLINICAL CONNECTIONS & SETTINGS GUIDE

K7 allows pattern recognition command of Motion Control E2 Elbow flexion/extension 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

### MOTION CONTROL E2 ELBOW

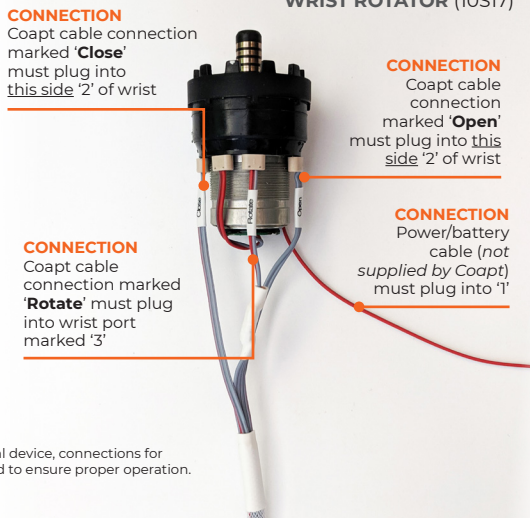


**CONNECTION**  
Coapt cable connection marked 'Elbow' must plug into 2-wire lead from elbow unit

**NOTE:**

When using an i-Limb Quantum terminal device, connections for **Open** and **Close** may need to be reversed to ensure proper operation.

### OTTOBOCK ELECTRIC WRIST ROTATOR (10S17)



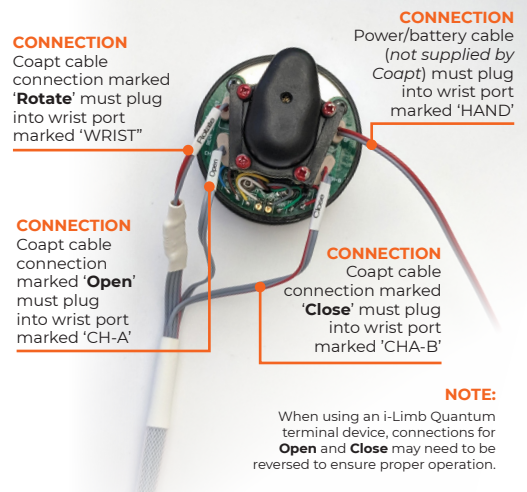
**CONNECTION**  
Coapt cable connection marked 'Close' must plug into this side '2' of wrist

**CONNECTION**  
Coapt cable connection marked 'Open' must plug into this side '2' of wrist

**CONNECTION**  
Coapt cable connection marked 'Rotate' must plug into wrist port marked '3'

**CONNECTION**  
Power/battery cable (not supplied by Coapt) must plug into '1'

### MOTION CONTROL STANDARD WRIST ROTATOR (5010045, 5010054, 5010055)



**CONNECTION**  
Coapt cable connection marked 'Rotate' must plug into wrist port marked 'WRIST'

**CONNECTION**  
Power/battery cable (not supplied by Coapt) must plug into wrist port marked 'HAND'

**CONNECTION**  
Coapt cable connection marked 'Open' must plug into wrist port marked 'CH-A'

**CONNECTION**  
Coapt cable connection marked 'Close' must plug into wrist port marked 'CHA-B'

**NOTE:**

When using an i-Limb Quantum terminal device, connections for **Open** and **Close** may need to be reversed to ensure proper operation.

## PART 2: SOFTWARE SETTINGS

### ELBOW

#### MOTION CONTROL E2

No settings required

### WRISTS

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

No settings required

#### MOTION CONTROL STANDARD WRIST ROTATOR (NO PROCONTROL)

No settings required

### HANDS

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

#### OTTOBOCK SENSORHAND, MYOHAND VARIPLUS, SYSTEM ELECTRIC GREIFER, SYSTEM ELECTRIC HAND

Ensure 'control mode'/'program' 1

#### 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

### 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        | Thresholds/Outputs |
| • Hand Filtering: Quick  | • A: 15            |
| • Channel: Dual          | • B: 15            |
| • Conatrol: Differential | Input Gains        |
| • Hand Direction: A      | • A: 5             |
|                          | • B: 5             |

#### ADAMS HAND

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