COAPT® GEN2

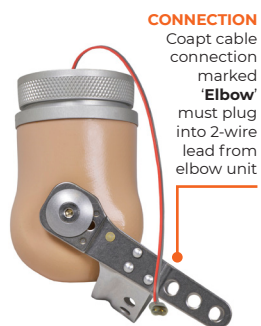# K7 CLINICAL CONNECTIONS & SETTINGS GUIDE

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.
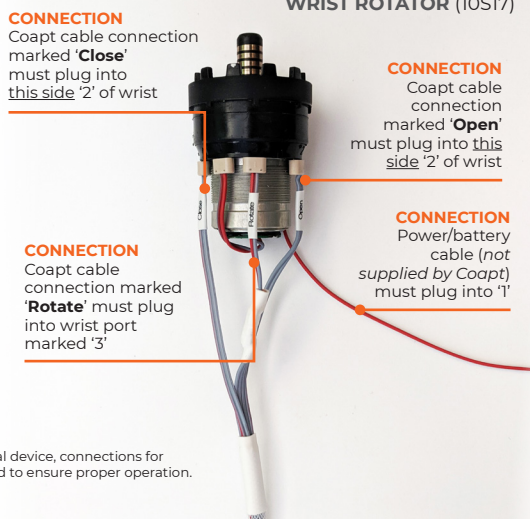
PART 1: PHYSICAL CONNECTIONS

MOTION CONTROL E2 ELBOW

OTTOBOCK ELECTRIC WRIST ROTATOR (10S17)

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

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

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'

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

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

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

CONNECTION
Coapt cable connection marked '**Close**' must plug into wrist port marked 'CHA-B'
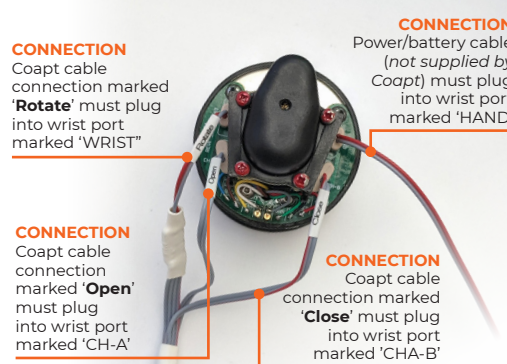
NOTE:
When using an i-Limb Quantum terminal device, connections for **Open** and **Close** may need to be reversed to ensure proper operation.

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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
· Hand Filtering: Quick
· Channel: Dual
· Conatrol: Differential
· Hand Direction: A

Thresholds/Outputs
· A: 15
· B: 15
Input Gains
· A: 5
· B: 5