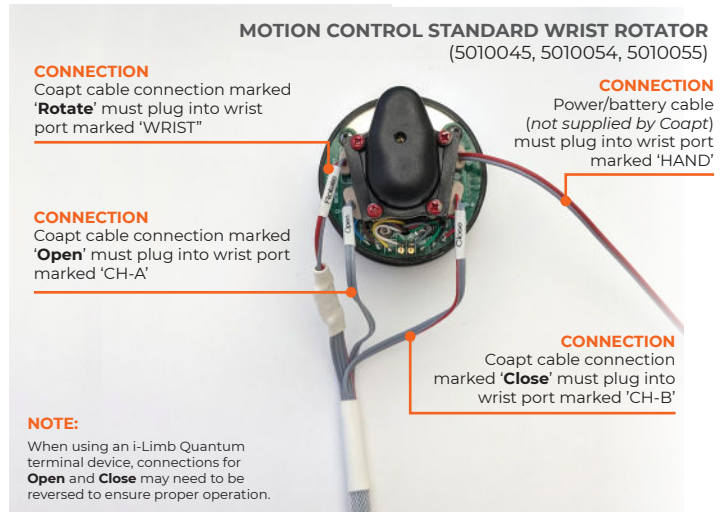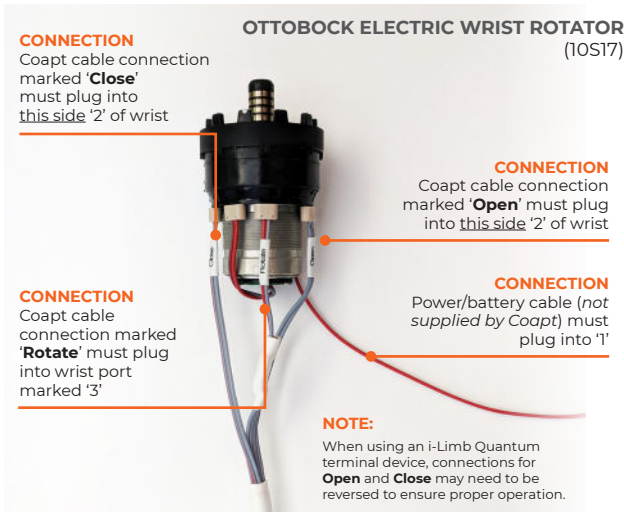# IO

CLINICAL CONNECTIONS
& SETTINGS GUIDE

IO controls 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

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'

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

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 'CH-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

ESPIRE CLASSIC PLUS
For more information on connecting our Coapt System to this device please reference our Espire Classic Plus + Coapt Compatibilites Guide.

WRISTS

OTTOBOCK ELECTRIC WRIST ROTATOR (NO MYOROTRONIC)
No settings required

MOTION CONTROL STANDARD WRIST ROTATOR (NO PROCONTROL)
No settings required

HANDS

OTTOBOCK SENSORHAND, MYOHAND VARIPLUS, SYSTEM ELECTRIC GREIFER, OR SYSTEM ELECTRIC HAND
Ensure 'control mode'/'program' 1

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

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

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

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