DEVICE CONNECTION
CABLE TYPE

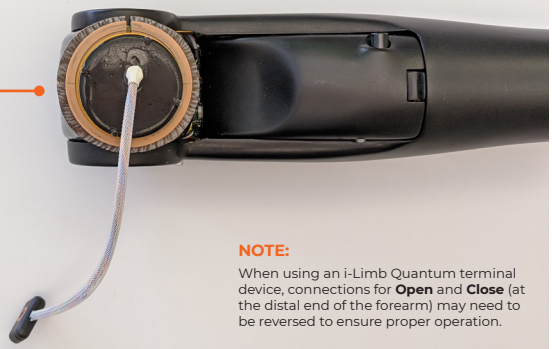
# K2 CLINICAL CONNECTIONS & SETTINGS GUIDE

*K2 allows pattern recognition command of LTI Boston Digital Arm 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

**BOSTON DIGITAL ELBOW**
with Open/Close Terminal Device

**CONNECTION**
Coapt cable with circular elbow-mating connector attaches firmly to oriented connections on the elbow



**NOTE:**
When using an i-Limb Quantum terminal device, connections for **Open** and **Close** (at the distal end of the forearm) may need to be reversed to ensure proper operation.

## PART 2: SOFTWARE SETTINGS

### ELBOW

**LTI BOSTON DIGITAL ARM**

The Boston Digital Arm should be supplied directly from LTI and pre-setup with correct internal programming and cabling for Coapt use. Contact LTI support with any questions.

### WRISTS

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

No settings required

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

No settings required

### HANDS

**I-LIMB, TASKA, VINCENTEVOLUTION3, PSYONIC ABILITY HAND, COVVI HAND**

Ensure hand settings are the factory defaults.

**OTTOBOCK SENSORHAND, MYOHAND VARIPLUS, SYSTEM ELECTRIC GREIFER, OR SYSTEM ELECTRIC HAND**

Ensure ‘control mode’/‘program’ 1

### 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