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**

K2 DEVICE CONNECTION

**CABLE TYPE**

**CONNECTION**

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

**BOSTON DIGITAL ELBOW**

with Open/Close Terminal Device

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**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
- Control: Differential
- Hand Direction: A

**Thresholds/Outputs**

- A: 15
- B: 15

**Input Gains**

- A: 5
- B: 5