

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



CONNECTION

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

BOSTON DIGITAL ELBOW
with Open/Close Terminal Device

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