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

LTI BOSTON DIGITAL ARM
The Boston Digital Arm should be supplied directly from LTI and pre-set up 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-LIMP, 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

PART 2: SOFTWARE SETTINGS

ELBOW

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

HANDS (CONT.)

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