K7 allows pattern recognition command of Motion Control E2 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

MOTION CONTROL E2 ELBOW

Connection:
- Coapt cable connection marked ‘Elbow’ must plug into 2-wire lead from elbow unit.

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

MOTION CONTROL E2
No settings required

WRISTS

OTTBOCK 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.

OTTBOCK 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