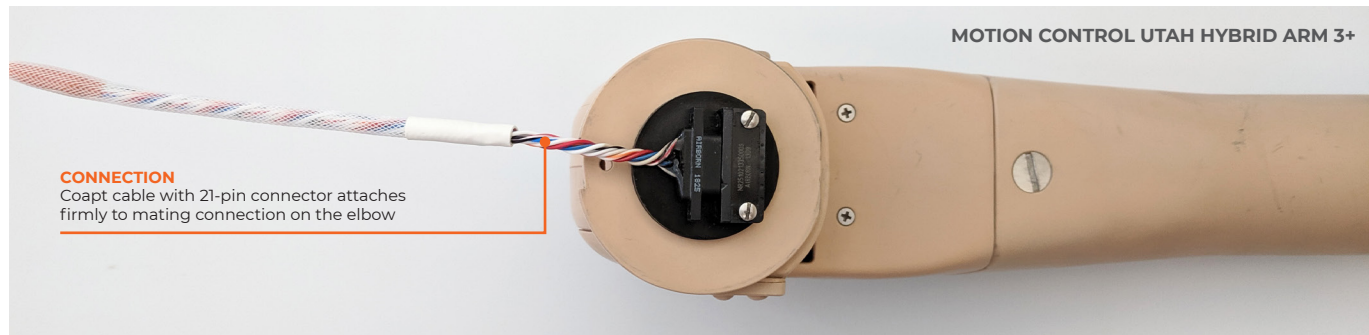


K4

CLINICAL CONNECTIONS & SETTINGS GUIDE

K4 allows pattern recognition command of Motion Control Utah Arm 3+ 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



PART 2: SOFTWARE SETTINGS

ELBOW

MOTION CONTROL UTAH ARM 3+

U3 Elbow User Choices

- Elbow Polarity: A

Dual-Channel Elbow Settings

- Quick, Channel A EMG Gain: 5.00, Channel B EMG Gain: 5.00, Channel A Threshold: 5.00, Channel B Threshold: 5.00

Elbow Lock/Unlock

- Lock Override: Off, Flex/Ext After Braking: On, Switch Rate A: 25.00, Switch Rate B: 25.00, Lock Time: 00.10, Switch Window: 00.20

U3 Elbow Settings

- Seconds Until Relaxed: 0.05, A + B Freeswing Level: 00.00

WRISTS

OTTOBOCK ELECTRIC WRIST ROTATOR (NO MYOROTRONIC) OR MOTION CONTROL STANDARD WRIST ROTATOR (NO PROCONTROL)

WRIST SET UP

- Electric Wrist Enabled: Yes, Wrsit Direction: A

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

RELAX DELAY

- Relax Timer: 0.1

SWITCH CONTROL

- Switch Rates A: 75, Switch Rates B: 75, Switch Window: 0.1, Fast Access: On, Co-Contraction: Off, Auto-Switch Back: No

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

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