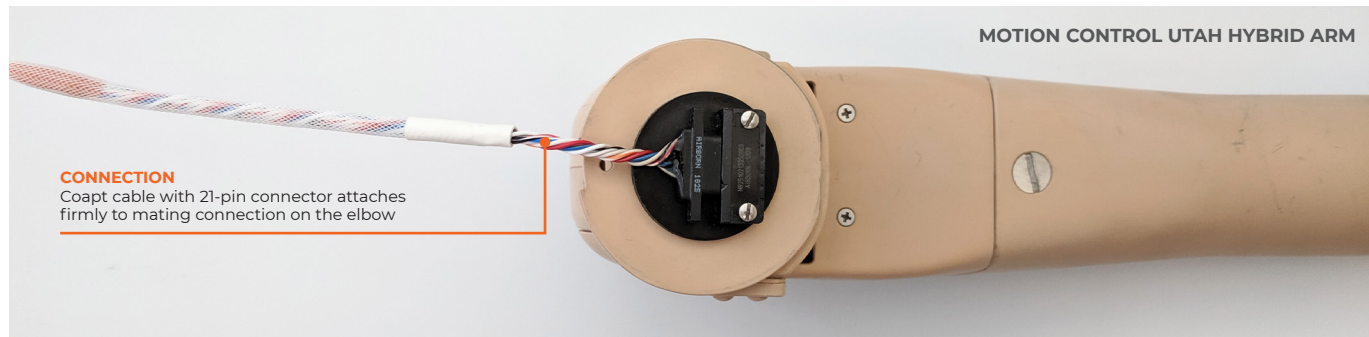


J3 CLINICAL CONNECTIONS & SETTINGS GUIDE

J3 allows pattern recognition command of Motion Control Utah Hybrid Arm electric lock 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 HYBRID ARM

Hybrid Arm Control Type: Dual Channel EMG

HYBRID ARM USER CHOICES

- Hand Polarity: A
- Wrist Polarity: A
- Auto-Cal Enabled by Hand-Switch: No
- Auto-Cal Enabled by Power-Up: No
- Wrist Control Enabled: Yes
- Simultaneous Hand & Elbow: Yes
- Wrist Control: A
- Auto-Lock: On
- Lock Elbow on Co-Contraction: Off
- Unlock Elbow on Co-Contraction: Off
- Lock Override: On

WRISTS

OTTOBOCK ELECTRIC WRIST ROTATOR (NO MYOROTRONIC), 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