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

**COAPT GEN2**

CLINICAL CONNECTIONS & SETTINGS GUIDE

**J3**

DEVICE CONNECTION CABLE TYPE

**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
- Wrist 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 (CONT.)**

**OTTOBOCK SENSORNHAND, MYOHAND VARIPLUS, SYSTEM ELECTRIC GREIFER, OR SYSTEM ELECTRIC HAND**

Ensure ‘control model/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, Control: Differential, Hand Direction: A

Thresholds/Outputs
- A: 15, B: 15

Input Gains
- A: 5, B: 5

**PSYONIC ABILITY HAND**

Ensure the “Control System” setting in the PSYONIC ABILITY HAND app is set to “Direct Control”

Ensure all other hand settings in the PSYONIC ABILITY HAND app are set to the factory defaults

***MANY/MOST HANDS SHOULD BE SET TO FACTORY DEFAULT FOR OPTIMAL OPERATION.***

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**J3 DEVICE CONNECTION CLINICAL CONNECTIONS & SETTINGS GUIDE**