J6 CLINICAL CONNECTIONS & SETTINGS GUIDE

J6 allows pattern recognition command of Steeper Espire Hybrid electric lock with optional pronation/supination of powered wrists and pattern recognition command of multifunction grips for various* hands. (*consult the Coapt Compatibility Guide)

PART 1: PHYSICAL CONNECTIONS

PRE-ASSEMBLED
The Coapt controller (white PCB) will be pre-attached to the Espire unit. Do NOT attempt to remove it.

PRE-ASSEMBLED CONNECTION
The Coapt **Complete Calibrate** button is attached to the Coapt controller with its flex cable passing through the Espire Strain Relief Disc. Contact Coapt support for assistance detaching /attaching this cable from the elbow.

PRE-ASSEMBLED CONNECTION
Ensure the 2-pin, white Coapt aux connection is attached

EMG CONNECTION
The Coapt EMG Interface Cable for Espire has a special 90° exit. Ensure it is connected and secured once the Espire Strain Relief Disc is in place.

STEEPER ESPIRE HYBRID & MULTIFUNCTION HAND

DISTAL CONNECTIONS

HANDS: TASKA, TASKA CX, COVVI, ZEUS, PSYONIC, (older) BEBIONIC
WRIST: Fillauer Standard Wrist Rotator *(5010045, 5010054, 5010055)* with 6-Band Coaxial Plug *(5010060)*

COLOR	OUTPUT
[Orange]	Hand Open
[Green]	Hand Close
[Gray]	Rotation
[Red]	Power
[Blue]	*Not Used*
[Purple]	Digital

May need to be connected in reverse polarity when using COVVI

HAND: I-LIMB
WRIST: Fillauer Standard Wrist Rotator *(5010045, 5010054, 5010055)* OR Ottobock Electric Wrist Rotator *(10S17)*

COLOR	OUTPUT
[Orange]	*Not Used*
[Green]	*Not Used*
[Gray]	Rotation
[Red]	Power
[Blue]	*Not Used*
[Orange]	Open/Digital
[Green]	Close/Digital

HAND: VINCENTEVOLUTION4
WRIST: Fillauer Standard Wrist Rotator *(5010045, 5010054, 5010055)* OR Ottobock Electric Wrist Rotator *(10S17)*

COLOR	OUTPUT
[Orange]	*Not Used*
[Green]	*Not Used*
[Gray]	Rotation
[Red]	Power
[Blue]	*Not Used*
[Brown]	Open/Digital
[Yellow]	Close/Digital

This Pigtail Provided by Coapt

PART 2: SOFTWARE SETTINGS

ELBOW

STEEPER ESPIRE HYBRID

In the Espire iOS user application, most screens will indicate the direct Coapt connection and not require specific settings.

WRISTS

OTTOBOCK ELECTRIC WRIST ROTATOR (NO MYOROTRONIC), MOTION CONTROL STANDARD WRIST ROTATOR, MOTION CONTROL STANDARD WRIST ROTATOR & 6-BAND COAXIAL PLUG (NO PROCONTROL)

No settings required

HANDS

I-LIMB QUANTUM* (*W/ SERIAL # M9618 OR NEWER)

Ensure hand settings are the factory defaults.

For proper operation of Gesture Control via Coapt, ensure 'HO' is selected as the i-mo trigger in the i-Limb app

AETHER ZEUS HAND

Input Option: EMG, Input Sites: Dual Direct, Speed Control Strategy: Proportional, Grip Switching Mode: Open-Open

TASKA/TASKA CX

Settings will automatically be set upon each power-on. Use the QR code for more information in the Taska|Coapt Clinician Guide.

OTTOBOCK PAST GENERATION BEBIONIC

Contact Coapt if needed

HANDS (CONT.)

COVVI HAND

Ensure all "Triggers" in the Grip Switch Trigger settings in the COVVI Go app are set to "Trigger Off"

Ensure all other hand settings in the COVVI Go app are set to the factory defaults

PSYONIC ABILITY HAND

Ensure the "Control System" setting in the PSYONIC ABILITY HAND app is set to "Coapt".

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

VINCENTEVOLUTION4

SENSOR SETUP:
Enable Sensor 1 (Open) - On, Enable Sensor 2 (Close) - On, Enable Sensor 3 - Off, Enable Sensor 4 - Off
Red Signal (Open): Threshold - 5, Gain - 30, Activation: 15
Blue signal (Close): Threshold - 5, Gain - 30, Activation: 15
Enable first signal wins strategy - Off
Time settings: Hold open - 3.0s max, Timeout - 7.0s min
Standard trigger settings: no trigger
MULTICHANNEL TRIGGER CONTROL:

Enable Multichannel Trigger Control - on.
Standard Trigger - No Trigger
Multichannel Hold Signal 1: lateral grasp with hold open
Multichannel Hold Signal 2: pinch grasp with hold open/close
Multichannel Hold Signal 3: index grasp with hold close
Multichannel Hold Signal 4: disabled
Period Peak For Multichannel Peaks: 0.2s
Multichannel Peak 1: cylinder grasp with close peak
Multichannel Peak 2: cupholder grasp with open peak
Multichannel Peak 3: power grasp with open peak/close peak
Multichannel Peak 4: disabled