COAPT® GEN 2

K8 CLINICAL CONNECTIONS & SETTINGS GUIDE

K8 allows pattern recognition command of Steeper Espire Pro powered elbow flexion/extension 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

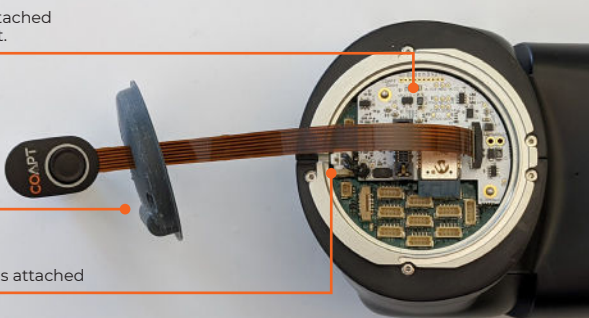STEEPER ESPIRE PRO & MULTIFUNCTION HAND

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 (not shown here) for Espire has a special 90° exit. Ensure it is connected and secured once the Espire Strain Relief Disc is in place.

DISTAL CONNECTIONS

HANDS: TASKA, TASKA CX, COVVI, ZEUS, PSYONIC, (older) BEBIONIC
WRIST: Fillauer Standard Wrist Rotator (5010045, 5010054, 5010055) with 6-Band Coaxial Plug (5010065)

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

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

PART 2: SOFTWARE SETTINGS

ELBOW

STEEPER ESPIRE PRO
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* (*WITH SERIAL NUMBERS 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

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.

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

HANDS (CONT.)

OTTOBOCK PAST GENERATION BEBIONIC
Contact Coapt if needed

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

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

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