

# 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

**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.

**STEEPER ESPIRE PRO & MULTIFUNCTION HAND**

**DISTAL CONNECTIONS**

**HAND:** TASKA or (older) BEBIONIC or PSYONIC or Covvi  
**WRIST:** Motion Control Standard Wrist Rotator (5010045, 5010054, 5010055) or Ottobock Electric & 6-Band Coaxial Plug (3010869)

COLOR	OUTPUT
Orange	Hand Open
Green	Hand Close
Grey	Rotation
Red	Power
Blue	Not Used
Purple	Digital

May need to be connected in reverse polarity when using Covvi  
Steeper Technical Manual "Wiring Option 3"

**HAND:** I-LIMB QUANTUM  
**WRIST:** Motion Control Standard Wrist Rotator (5010045, 5010054, 5010055) or Ottobock Electric Wrist Rotator (10517)

COLOR	OUTPUT
Orange	Hand Open
Green	Hand Close
Grey	Rotation
Red	Power
Blue	Not Used
Purple	Open/Digital
Green	Close/Digital

Steeper Technical Manual "Wiring Option 2"

## 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\*\*\*

**(\*\*\*WITH SERIAL NUMBERS BBHXXXQD, HAND WILL REQUIRE DIGITAL UNLOCK CODE AVAILABLE UPON REQUEST FROM OTTOBOCK)**

Control Strategy: Dual Site  
Open / Close Strategy: Electrodes: A,B  
Control Options: Electrodes  
Control Response: Proportional  
In DEVICE INFORMATION:  
• Verify Firmware Rev: v304.032 or greater  
• Click License Key  
• Note the Serial Number, BT MAC and Contact Ottobock to obtain a License Key  
• Click Enable once License Key is entered, then Close  
• Press "Send to Hand" to confirm settings changes  
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

#### 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

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

