

# 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 **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.

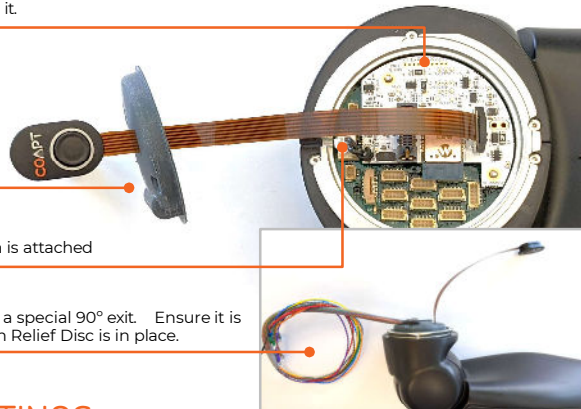
### PRE-ASSEMBLED CONNECTION

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 PRO & MULTIFUNCTION HAND



**DISTAL CONNECTIONS**

**HANDS:** TASKA, ZEUS, PSYONIC, MIA, ESPER, COVVI\*, BEBIONIC (old gen)

**WRIST:** Fillauer Standard Wrist Rotator (5010045, 5010054, 5010055) with 6-Band Coaxial Plug (3010869)

COLOR	OUTPUT
Orange	Hand Open
Green	Hand Close
Gray	Rotation
Red	Power
Blue	(Not Used)
Purple	Digital

\*Connect Digital in reverse polarity for COVVI and MIA

PIGTAIL: Green

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**HANDS:** I-LIMB QUANTUM

**WRIST:** Fillauer Standard Wrist Rotator (5010045, 5010054, 5010055) or Ottobock Electric Wrist Rotator (10517)

COLOR	OUTPUT
Orange	(Not Used)
Green	(Not Used)
Gray	Rotation
Red	Power
Blue	(Not Used)
Orange	Open/Digital
Green	Close/Digital

PIGTAIL: Green

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**HANDS:** VINCENTEVOLUTION4

**WRIST:** Fillauer Standard Wrist Rotator (5010045, 5010054, 5010055) or Ottobock Electric Wrist Rotator (10517)

COLOR	OUTPUT
Orange	(Not Used)
Green	(Not Used)
Gray	Rotation
Red	Power
Blue	(Not Used)
Orange	Open/Digital
Green	Close/Digital
Yellow	(Not Used)

PIGTAIL: Green

This pigtail provided by Coapt.

## 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), FILLAUER MOTOR DIRECT WRIST ROTATOR, FILLAUER MOTOR DIRECT WRIST ROTATOR & 6-BAND COAXIAL PLUG (NO PROCONTROL)**

No settings required

### HANDS

#### I-LIMB QUANTUM (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

#### ZEUS HAND

Input Option: Coapt, Speed Control Strategy: Proportional

#### TASKA

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



### 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.

#### MIA HAND

Settings will automatically be set upon each power-on

#### VINCENTEVOLUTION4

Contact Coapt

#### OTTOBOCK (old generation) BEBIONIC

Contact Coapt

#### ESPER HAND

Ensure the grip settings in the Esper app are set exactly as shown



**OTHER COMPATIBLE HANDS SHOULD BE SET TO FACTORY DEFAULT FOR OPTIMAL OPERATION**