

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	Open/Digital
Purple	Digital

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

HAND: I-LIMB QUANTUM or BEBIONIC or VINCENT
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	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)

No settings required

MOTION CONTROL STANDARD WRIST ROTATOR (NO PROCONTROL)

No settings required

MOTION CONTROL STANDARD WRIST ROTATOR & 6-BAND COAXIAL PLUG

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

VINCENTEVOLUTION3

Ensure hand settings are the factory defaults.

HANDS (CONT.)

OTTOBOCK BEBIONIC**

(WITH SERIAL NUMBERS BB1000=0_B)**

Ensure hand settings are the factory defaults

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

TASKA

TASKA settings will automatically be set upon each power-on

PSYONIC ABILITY HAND

Ensure hand settings are the factory defaults

COVVI HAND

Ensure hand settings are the factory defaults