

K6

CLINICAL CONNECTIONS & SETTINGS GUIDE

K6 allows pattern recognition command of Steeper Espire Pro powered elbow flexion/extension with optional pronation/supination of powered wrists and open/close operation of prosthetic hands. Pattern recognition command of multifunction grips is not included.

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.

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 & OPEN/CLOSE HAND

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

**FILLAUER MOTOR DIRECT WRIST ROTATOR
(NO PROCONTROL)**

No settings required

HANDS

**OTTOBOCK SENSORHAND, MYOHAND VARIPLUS,
SYSTEM ELECTRIC GREIFER, SYSTEM ELECTRIC HAND**

Ensure 'control mode'/'program' 1

PSYONIC ABILITY HAND

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

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

HANDS (CONT.)

OTTOBOCK BEBIONIC

Control Strategy: Dual Site
Open / Close Strategy: Electrodes: A,B
Control Options: Electrodes
Control Response: Proportional
In ELECTRODE SCREEN:

- For both signal channels, set the low thresholds to about 10% of the numbered range and the high thresholds to about 90% of the numbered range

Remember to press "Send to Hand" after making any changes

FILLAUER PROHAND, PROETD/ETD2

HAND SET UP

- Input Type: EMG
 - Hand Filtering: Quick
 - Channel: Dual
 - Control: Differential
 - Hand Direction: A
- Thresholds/Outputs
- A: 15, B: 15
- Input Gains
- A: 5, B: 5

ADAMS HAND

Ensure the "Control System" setting in the Adam's Hand is set to "Coapt"

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