



*Installing the*  
**FOREST SHUTTLE®** with external receiver

# Installing the **FOREST SHUTTLE**

1

Assemble the track

2

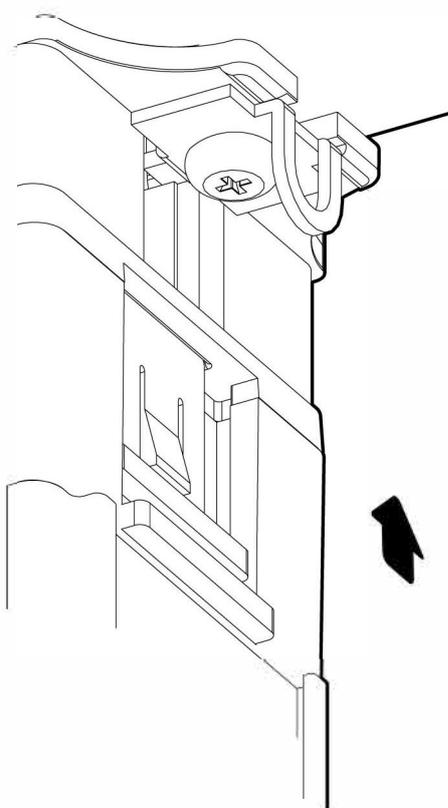
Install the brackets and insert the track to the brackets

3

Do not attach the drapery yet, Attach the drapery after the end positions have been set.  
- slide the master carrier(s) into a half open position

4

Attach the motor to the track

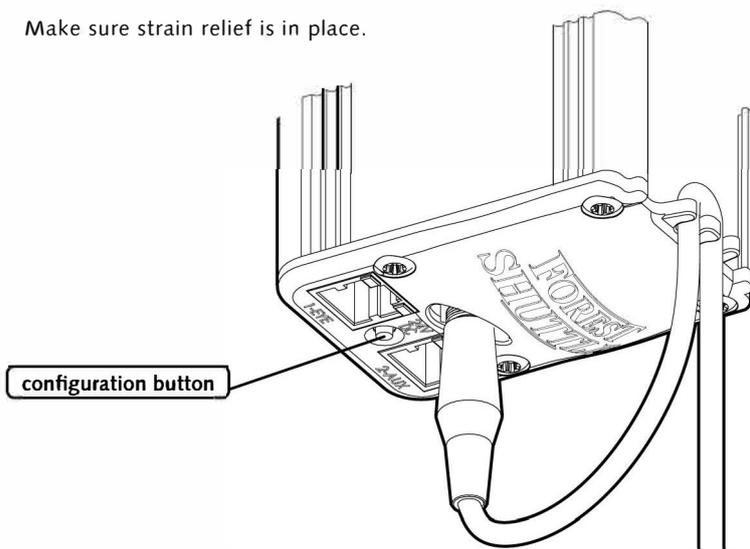


*make sure to secure the locking pin in the Forest Shuttle*

5

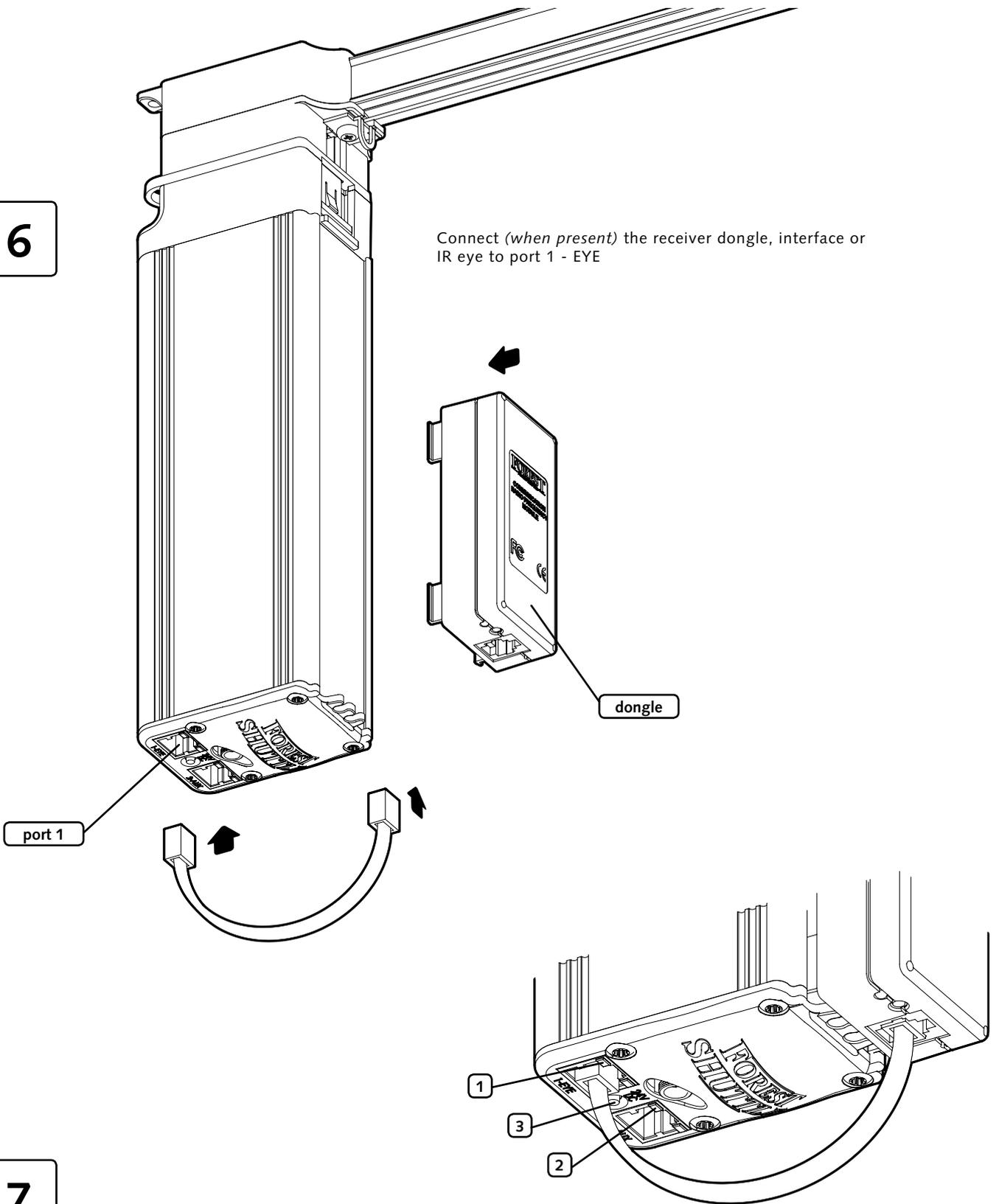
Connect the AC plug from the 24V power adaptor to the wall socket and the power plug into the motor socket.

Make sure strain relief is in place.



*loop the power cord through the strain relief*

6



Connect (when present) the receiver dongle, interface or IR eye to port 1 - EYE

dongle

port 1

7

### CONFIGURE THE FOREST SHUTTLE:

#### Explanation:

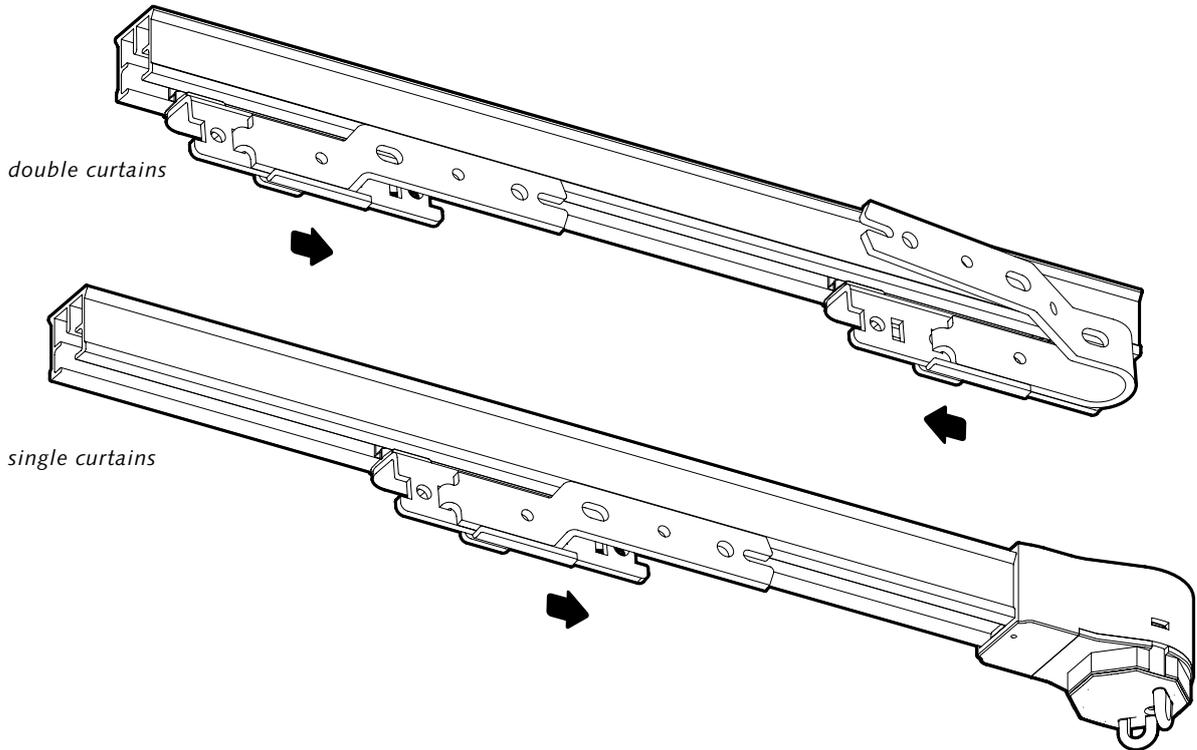
**1. ADMIN LEDs:** these are the LEDs on the left port at the bottom of the motor. Left is the green admin LED and right is the yellow admin LED. This port is marked "1 - EYE"

**2. USER LEDs:** these are the LEDs on the right port at the bottom of the motor. Left is the green user LED and right is the yellow user LED. This port is marked "2 - AUX"

**3. CONFIGURATION BUTTON:** this is the button at the bottom of the motor between the two ports. The button does not work when the motor is operating.

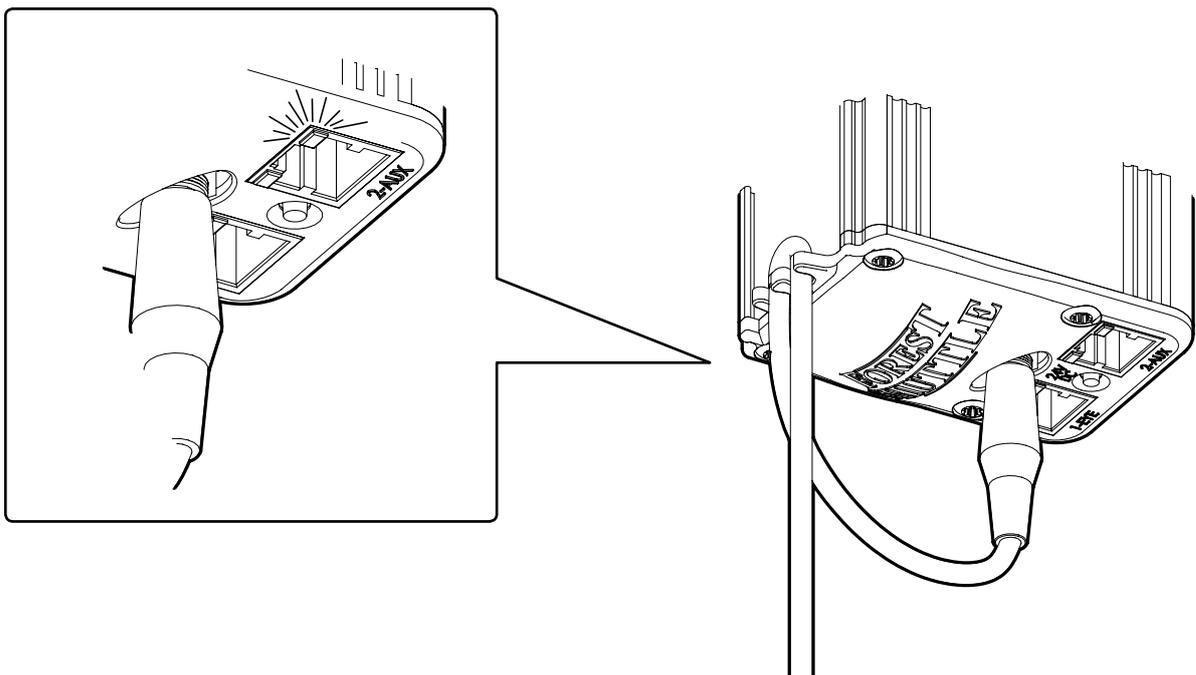
**8a**

Determining of the motor direction:  
Pull the master carrier to the closed position, the motor will start running towards the closed position.  
Pay attention to the YELLOW USER LED (at right connector)



**8b**

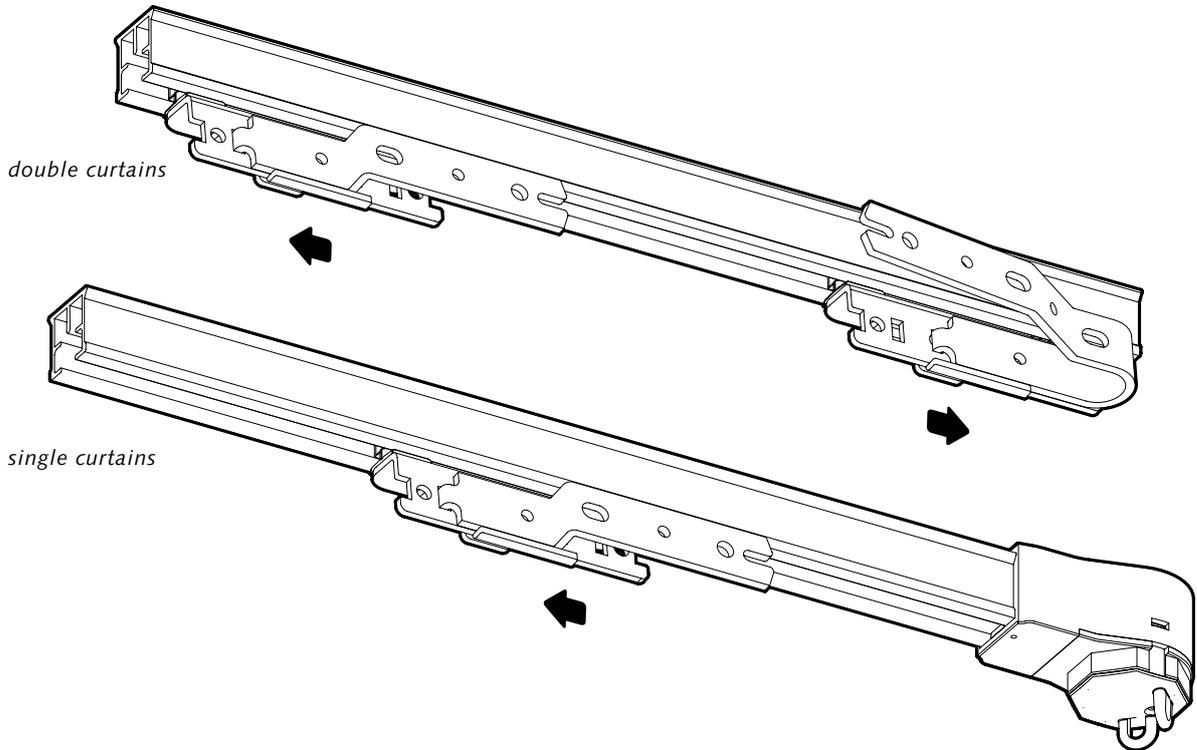
Now the two possibilities are:  
a) YELLOW LED OFF, motor direction is correct, proceed to step 9  
b) YELLOW LED ON, this indicates that the motor direction is wrong and the drapery stack back will be in the wrong position. Toggle the motor direction as shown in the options table on page 6.



9

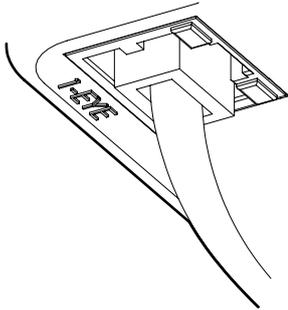
**SETTING THE OPEN LIMITS:**

Pull the master carrier in the open direction. This will start the motor and open the carriers. Once the drape has reached the OPEN position you have 7 seconds (while the YELLOW LED is on) to manually adjust the master carrier(s), setting the OPEN limit. After 7 seconds the YELLOW LED goes off and the limits are set.



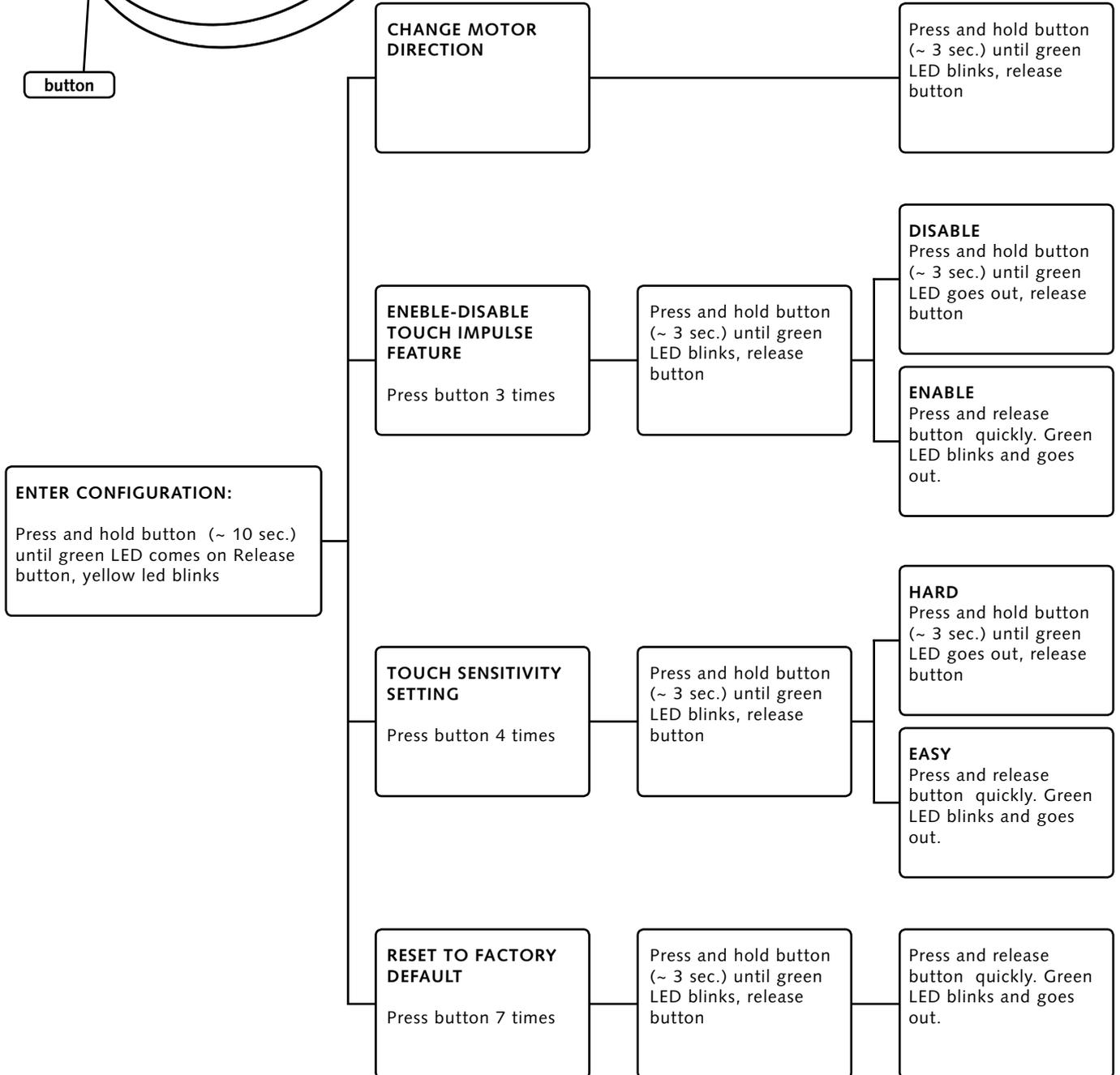
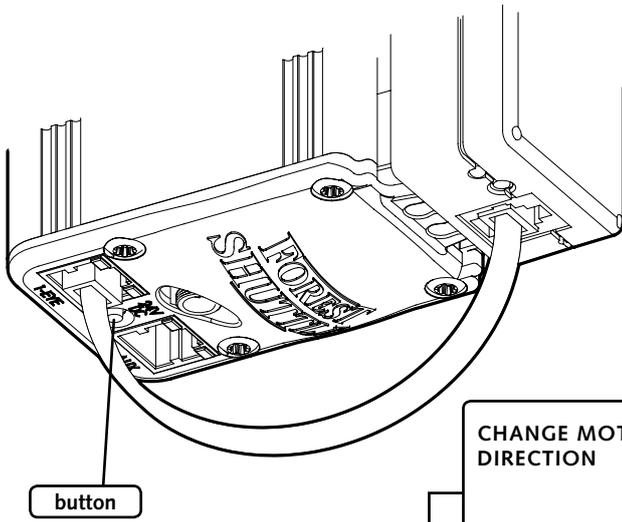
10

In case of a receiver dongle (RF or IR), always connect to port 1 - EYE.



**note**

if you were not successful in setting the limits - re-set to factory default as shown in the options table on page 6 and proceed from step 8.



**note**

The speed at which the button is pressed is important. Use slow, deliberate pushes.

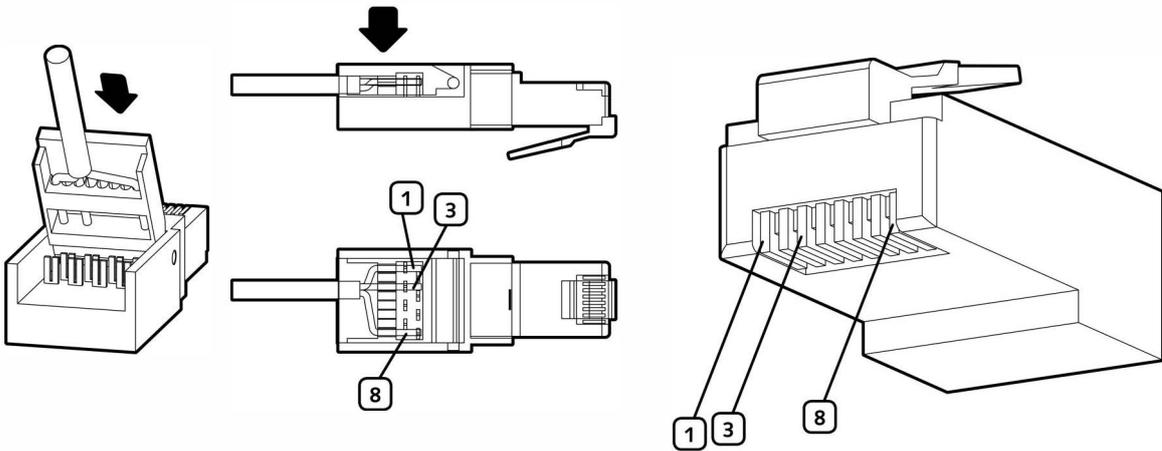
- Factory defaults:**
- 1) No end limits are set
  - 2) Original motor direction
  - 3) Touch control sensitivity - easy
  - 4) No intermediate positions are set

**extra**

**CONNECTING WALLSWITCH**

Either of the 2 ports can be used to connect a (pulse) switch to open, close or stop the drapery. Pins 1, 3 and 8 are used for this. If pins 3 and 1 are connected by means of the switch then the drapery will open/close (according as the motor direction is toggled or not). If pins 3 and 8 are connected then the drapery will move in the opposite direction. This connection can also be used for house automation systems. Be sure the outputs (relay) are dead (no potential)

**do-it-yourself plug**



**TANDEM AND SKYLIGHT MOTOR SETUP (master-slave setup)**

- 1) Master and slave motor MUST have motor direction set correctly.
- 2) Master motor must be connected with a 6 or 8 conductor cable from port 2 on master to port 2 on slave.
- 3) The master and slave motors MUST be in the same position.
- 4) Put slave motor into slave mode as per the sequence below. Green user LED comes on.
- 5) Put master motor into master mode as per the sequence below. If all goes correctly, green LEDs on both master and slave motor will go out.
- 6) If this sequence does not happen, you may try doing the master sequence again as long as the green slave LED is still lit. Otherwise reset everything and try again.
- 7) Once the master and slave are working together, set the limits (only master motor).

DESCRIPTION	STEP - 1 Enter Admin Mode	STEP - 2 Select Option	STEP - 3 Confirm Option	STEP - 4 Selection
<b>Slave</b>	PRESS and HOLD button (~ 9 sec) until GREEN LED comes on - RELEASE button. Yellow LED blinks once.	PRESS Config button six times.	PRESS and HOLD button (~ 3 sec.) until GREEN LED blinks - RELEASE button.	PRESS and RELEASE button QUICKLY. GREEN LED blinks and goes out, then GREEN USER LED comes on.
<b>Master</b>	PRESS and HOLD button (~ 9 sec) until GREEN LED comes on - RELEASE button. Yellow LED blinks once.	PRESS Config button five times.	PRESS and HOLD button (~ 3 sec.) until GREEN LED blinks - RELEASE button.	PRESS and RELEASE button QUICKLY. GREEN LED blinks and goes out.

**note**

The master motor will not run if the connection between the motors is broken. Either motor stalling will stop both motors. In case of a Skylight System both track must be connected physically by a rod. Touch impulse must be disabled and freewheel clutch disabled. In case of 2 curtain tracks with each one motor, length of the tracks must be equal. Touch impulse only works on master.

#### TECHNICAL SPECIFICATION SHUTTLE MOTOR

Voltage Shuttle: 24Vdc  
Max. power: 65W  
Torque: 1,5Nm  
Speed: 15cm/sec

#### TECHNICAL SPECIFICATION POWER ADAPTOR

Voltage:input: 100-240Vac, 1,5Amax  
Voltage output: 24Vdc - 2,7A

Forest Shuttle is not suitable for humid spaces, like bathroom or outside.  
Forest Group does not assume liability for resulting damages to property or personal injury if the product has been abused in any way or damaged by improper use or failure to observe these operating instructions. The warranty/ guarantee will then expire!