FOREST
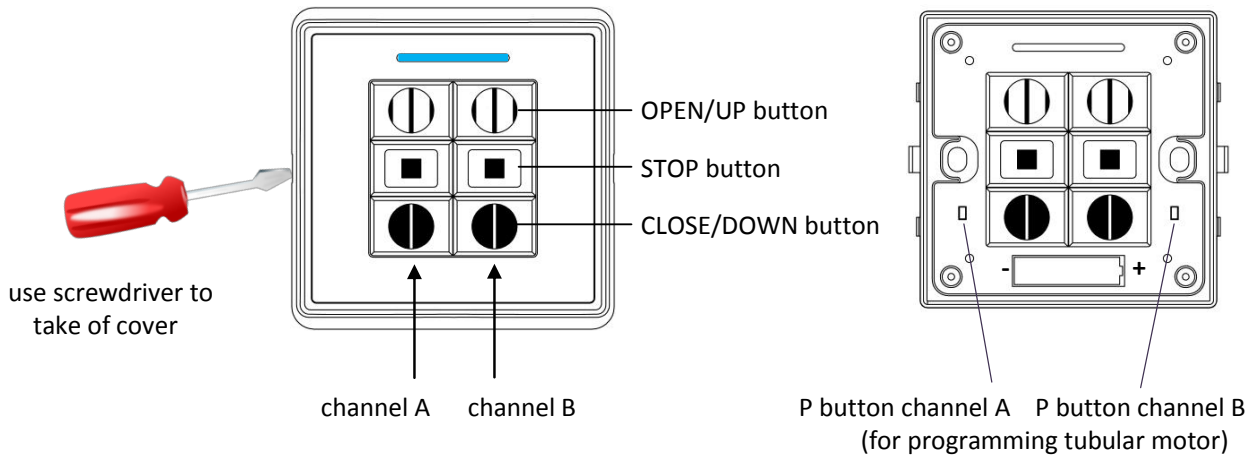### DRAPERY HARDWARE

FOREST MULTI WALL SWITCH LED - 5201001480
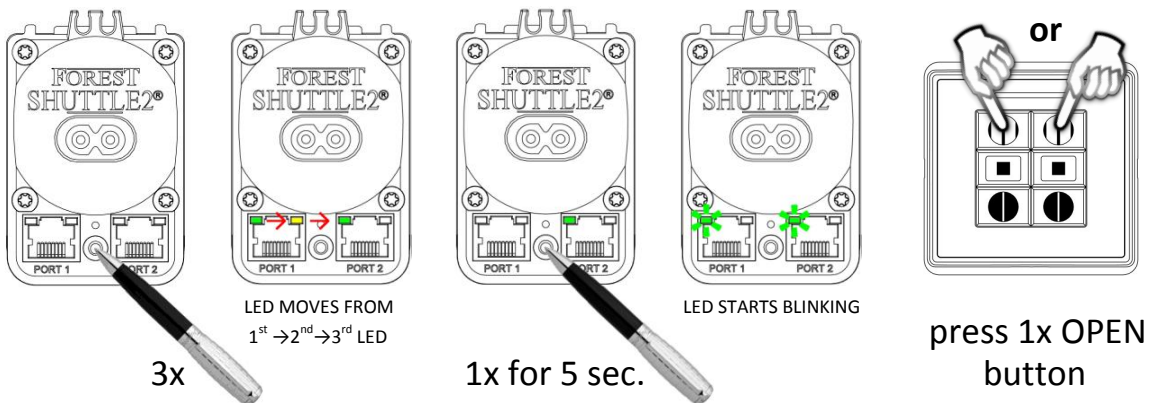
TECHNICAL SPECIFICATION:

- 12V battery type 27A
- battery life < 3 years
- frequency 433.92MHz
- transmit power max. 10mW

- transmit range indoor max. 30mtr
- working temperature -10°C - +50°C
- each channel can control up to 20 receivers

use screwdriver to take of cover

OPEN/UP button

STOP button

CLOSE/DOWN button

channel A   channel B

P button channel A   P button channel B
(for programming tubular motor)

BATTERY EMPTY:

After changing the battery, programmed receivers will stay in memory of wall switch. Please follow the local regulations for disposal of the empty battery.

FOREST®
DRAPERY HARDWARE

FOREST SHUTTLE S / L RECEIVER PROGRAMMING

To program a RF wall switch to a Shuttle S / L:

or

LED MOVES FROM
$1^{st} \to 2^{nd} \to 3^{rd}$ LED

3x

1x for 5 sec.

LED STARTS BLINKING

press 1x OPEN button

Same procedure, but press CLOSE instead of OPEN, will erase the programmed channel.

⚠️ Do not mount the motor within 1 meter from other equipment and receivers.
This will interfere with the receiver.

v1.2

FOREST
DRAPERY HARDWARE

FOREST MULTI RECEIVER CLICK ON – 5201001362

TECHNICAL SPECIFICATION:

- powered by Shuttle M
- connect to port 1 of the Forest Shuttle M
- working temperature -10°C - +50°C
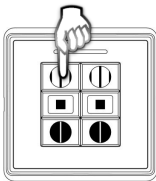- controlled by Forest Multi Remote and Forest Multi Wall Switch RF

control led   program button
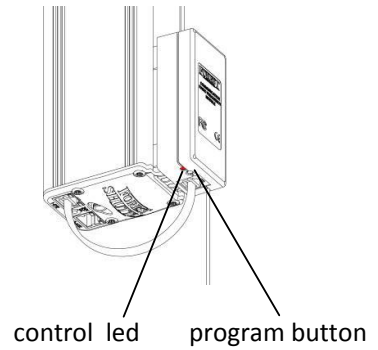
⚠️ Do not mount within 1 meter from other equipment and receivers.
This will interfere with the receiver.

PROGRAMMING WALL SWITCH TO CLICK-ON RECEIVER:	REMOVE PROGRAMMED CHANNEL:	DELETE ALL PREVIOUS PROGRAMMED CHANNELS:
press program button, led will light up	press program button, LED will light up	press and hold the program button for 10 seconds until control LED starts blinking
hold the wall switch within 2 meter from receiver. Select channel A or B and press OPEN button	select (to be cancelled) channel A or B and press CLOSE button	
LED blinks 3 times and will go off	LED will blink and will go off	

FOREST

DRAPERY HARDWARE

FOREST MULTI RECEIVER / WALL SWITCH – 5201001360 / 1361
FOREST FMS/BCS MULTI RECEIVER – 5201011500

TECHNICAL SPECIFICATION SHUTTLE M RECEIVER:

- powered by Shuttle M
- can also be used as wall switch
- cable 0,5mtr → 5201001360
- cable 3,5mtr → 5201001361
- connect to port 1 of the Forest Shuttle M
- working temperature -10°C - +50°C
- controlled by Forest Multi Remote and Forest Multi Wall Switch RF

TECHNICAL SPECIFICATION FMS/BCS RECEIVER:

- power 230Vac – 500W
- controls <u>one</u> tubular or FMS motor
- can also be used as wall switch
- terminal max 2,5mm²
- working temperature -10°C - +50°C

use screwdriver to take off cover
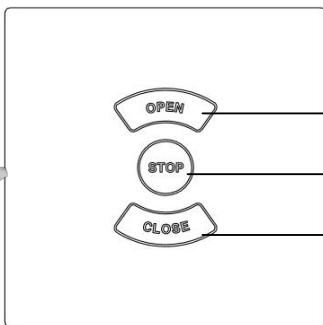
OPEN/UP button
STOP button
CLOSE/DOWN button

program button   control led
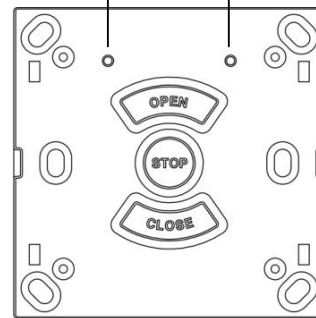
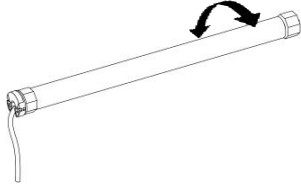| PROGRAMMING WALL SWITCH TO RECEIVER:	REMOVE PROGRAMMED CHANNEL:	DELETE ALL PREVIOUS PROGRAMMED CHANNELS:
press program button, led will blink	press program button, led will blink	press STOP and CLOSE button of receiver for ~6 sec.
press STOP button	press STOP button	led will blink and will go off
hold the remote within 2 meter from receiver. Select channel A or B and press OPEN button:	select (to be removed) channel A or B and press CLOSE button:	
led blinks 3 times and will go off	led will blink and will go off	⚠ Do not mount within 1 meter of other equipment and receivers. This will interfere with the receiver.
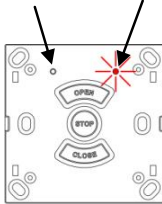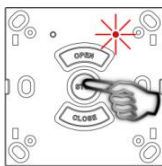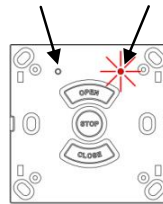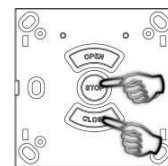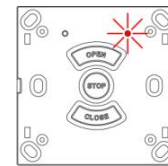
v1.2

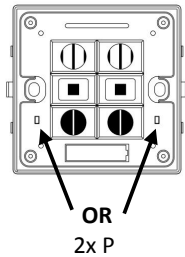# FOREST
DRAPERY HARDWARE

TUBULAR MOTOR
BUILD-IN RECEIVER AND ELECTRONIC LIMIT SETTING

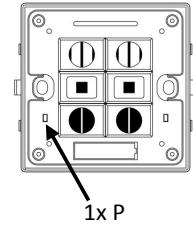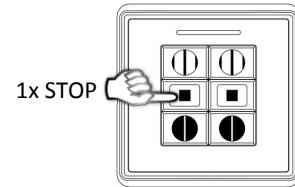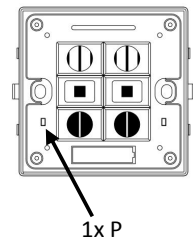| PROGRAMMING WALL SWITCH TO TUBULAR MOTOR:	ADD MORE WALL SWITCHES / CHANNELS TO TUBULAR MOTOR	CANCEL ALL WALL SWITCHES
press button on motor, motor will turn short to acknowledge	①st wall switch: press P button two times	press P button one time
	2x P	1x P
within 6 seconds:		
press P button two times	②nd wall switch: press P button one time	press STOP button one time
OR 2x P	1x P	1x STOP
press OPEN button one time	motor will turn to acknowledge	press P button one time
		1x P
motor will turn to acknowledge	to add the other channel: 1.press 2xP2 button of programmed channel, 2.select other channel and press P2 button	motor will turn to acknowledge
	motor will turn to acknowledge	
CHANGING DIRECTION OF ROTATION To change the direction of rotation, keep green button on motor pressed for 7 sec, until motor turns to acknowledge.		
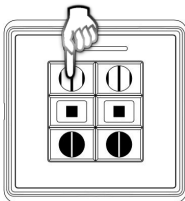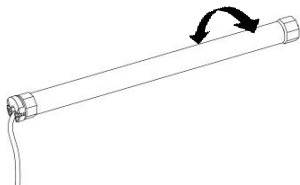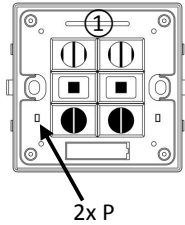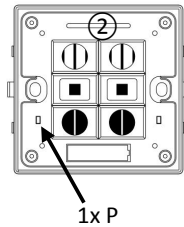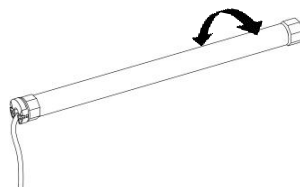
FOREST
DRAPERY HARDWARE

TUBULAR MOTOR
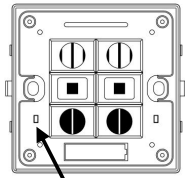### BUILD IN MULTI RECEIVER AND ELECTRONIC LIMIT SETTING

ADJUSTING UPPER AND LOWER END LIMITS:

⚠️ IMPORTANT: - when more motors are programmed to one channel, end limits of all motors will be adjusted
- during programming, keep the wall switch within 2 mtr of the receiver/motor

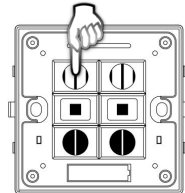This example is based on programming channel A (left side of wall switch).
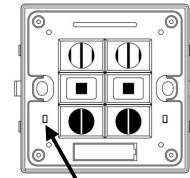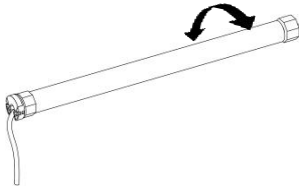
press P button one time

press OPEN button one time

press P button one time

1x P

1x P

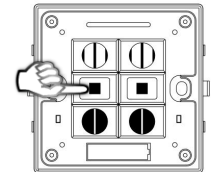
motor will turn
to acknowledge
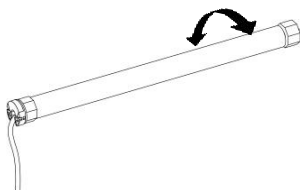
adjust to UPPER position
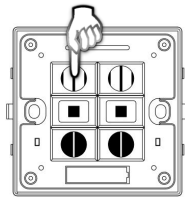
press STOP button when required
height is reached. Press STOP button
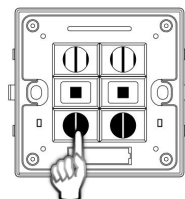**5 times slowly for 1 seconds** to confirm

5x STOP
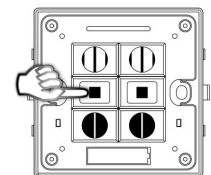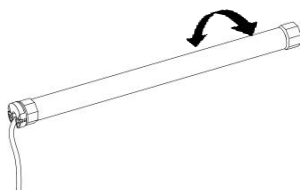(slowly)

---

motor will turn
to acknowledge

adjust to LOWER position

press STOP button when required
height is reached. Press STOP button
5 times slowly for 1 seconds to confirm

5x STOP
(slowly)

---

motor will turn to acknowledge,
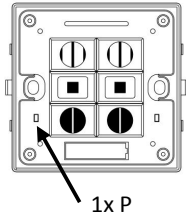limits have been set successfully.

FOREST
DRAPERY HARDWARE

CANCELLATION OF UPPER AND LOWER END LIMITS:

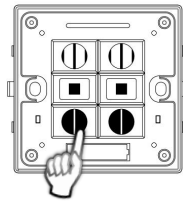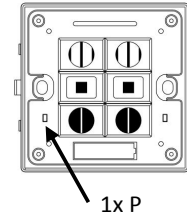⚠️ IMPORTANT: When cancelling end limits, all motors programmed to that channel will be cancelled

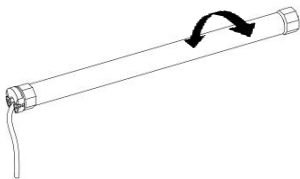press P button one time   press CLOSE button one time   press P button one time

1x P   1x P

motor will turn to acknowledge

REVERSE DIRECTION SETTING:

When motor is <u>not</u> running, press button on motor for ~ 7 seconds, until motor turns to acknowledge.

v1.2

FOREST
DRAPERY HARDWARE

BS 24V DOUBLE SHAFT MOTOR - 36.4800.0000
BUILD-IN RECEIVER - ELECTRONIC LIMIT SETTING

TECHNICAL SPECIFICATION:
- 24Vdc, 16Watt
- nom. 0.8Nm – max. 1.0Nm
- 34 rpm
- max. running time 7 min.
- max. curtain weight 4 kg
- max. 5 cord rolls
- has to be used with Multi remote and/or Multi wall switch RF
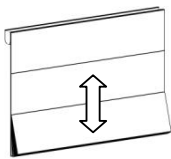- only to be used in Forest BS system and with Forest power supply for BS motor

⚠ IMPORTANT: WHEN USING THE QUICK LOCK CORD ROLL, BE SURE TO LOCK THE CORD BEFORE USING THE MOTOR

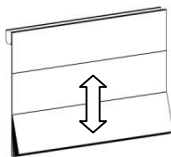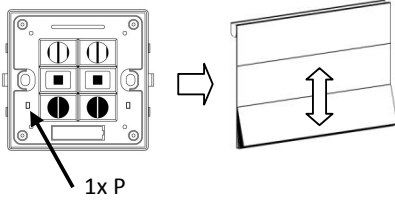| PROGRAMMING WALL SWITCH TO BS MOTOR:	REMOVE PROGRAMMED CHANNEL	CHANGE MOTOR DIRECTION
switch on power to the motor:	switch on power to the motor:	switch on power to the motor:
motor will jog to acknowledge:	motor will jog to acknowledge:	motor will jog to acknowledge:
within 10 seconds after jog, select channel A or B and press OPEN button	within 10 seconds after jog, select (to be removed) channel A or B and press STOP button	within 10 seconds after jog, select programmed channel A or B and press CLOSE button
motor will jog to acknowledge:	motor will jog to acknowledge:	motor will jog to acknowledge:
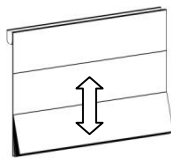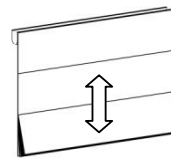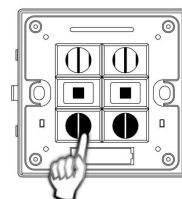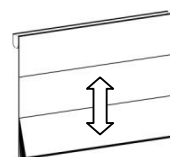
NOTE: if you need to start over, switch off the power and wait at least 20 seconds before switching in the power

FOREST
DRAPERY HARDWARE

BS 24V DOUBLE SHAFT MOTOR - 36.4800.0000
BUILD-IN RECEIVER - ELECTRONIC LIMIT SETTING

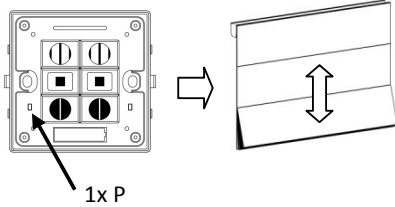| SET UPPER END LIMIT	SET LOWER END LIMIT	DELETE LIMITS

SET UPPER END LIMIT

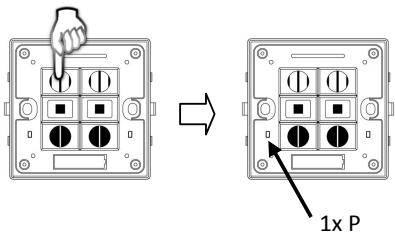press P button once,
motor will jog to acknowledge:

1x P

press OPEN button once,
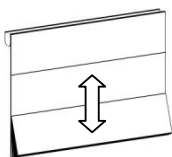motor will jog to acknowledge:

1x

press P button once,
motor will jog to acknowledge:

1x P
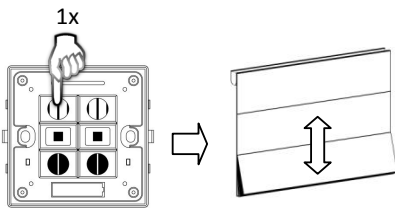
adjust desired upper end limit and
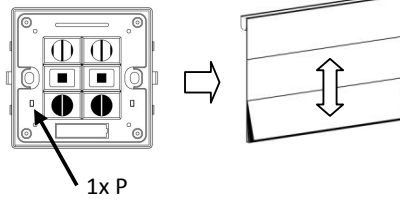press P to save the upper limit:
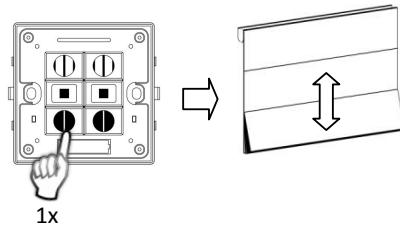

1x P

motor will jog to acknowledge:
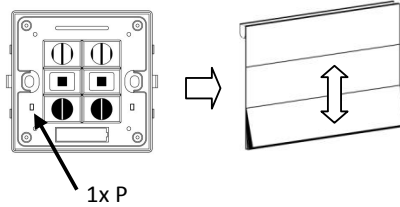

SET LOWER END LIMIT

press P button once,
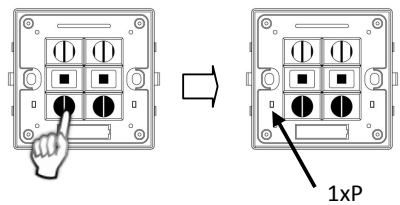motor will jog to acknowledge:

1x P

press CLOSE button once,
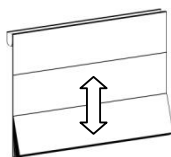motor will jog to acknowledge:

1x

press P button once,
motor will jog to acknowledge:

1x P

adjust desired lower end limit and
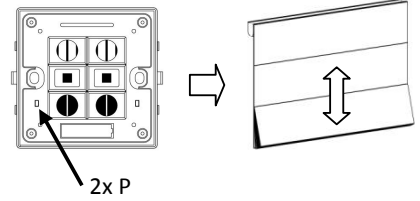press P to save the lower limit

1xP
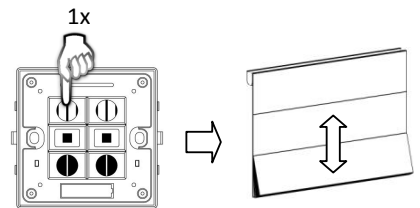
motor will jog to acknowledge:

DELETE LIMITS

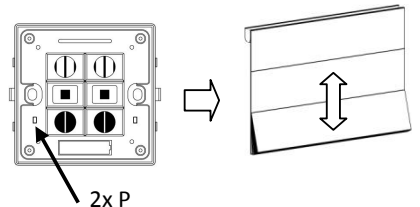press P button twice,
motor will jog to acknowledge:

2x P

press OPEN button once,
motor will jog to acknowledge:

1x

DELETE ALL MEMORY

press P button twice
motor will jog to acknowledge:

2x P

press CLOSE button on remote,
motor will jog twice to acknowledge

1x

v1.2