EUROTRONIC

SKY BIDI POWER

Snap closure

Electronic limit switch

Two-way protocol

Radio control

SKY BIDI POWER Ø45mm | SKY BIDI POWER Ø59MM

SKY BIDI POWER

Equipped with a two-way radio receiver, the limit switch is electronic and can be configured from the transmitter itself. They also include the POWER function for snap closure, specially designed for cassette awnings.

REFERENCES

SKY BIDI POWER Ø45mm

SKY BIDI POWER Ø59MM

Ø45 mm | 20/15   BD.245.020

Ø59 mm | 80/12   BD.259.080

Electronic limit switch configurable from the transmitter.

Head with 12mm central hole for mounting on monoblock drawer.

For 40,43,50,56,60, 70 and 78mm axle.

Two-way radio receiver.

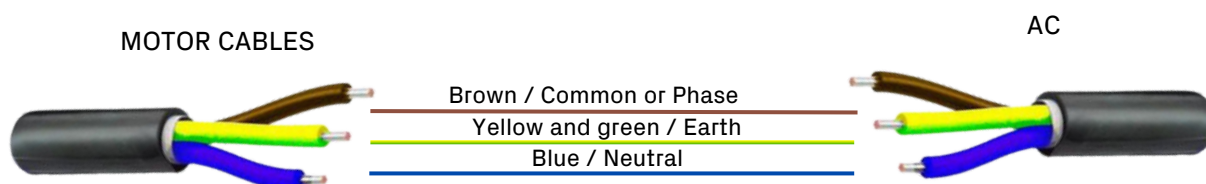POWER pressure-closing function for box-type awnings.

Automatic path correction

TECHNICAL CHARACTERISTICS

Model	Par-nominal	Speed	Feeding	Nominal power	Amperage	Working time	Max rotations	Degree of protection	Length measurement	Max Weight
20/15	20 Nm	15 rpm	230v 50 hrz	161 W	0.69 A	4 min	∞	IP 44	602 mm	32 Kg
30/15	30 Nm	15 rpm	230v 50hrz	191 W	0.89 A	4 min	∞	IP 44	665 mm	50 Kg
50/12	50 Nm	12 rpm	230v 50hrz	228 W	0.99 A	4 min	∞	IP 44	712 mm	80 Kg

MOTOR CONNECTORS

■ Phase
■ Neutral
■ Land

ELECTRICAL DIAGRAM

MOTOR CABLES

AC

Brown / Common or Phase
Yellow and green / Earth
Blue / Neutral
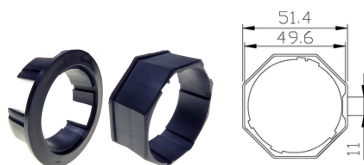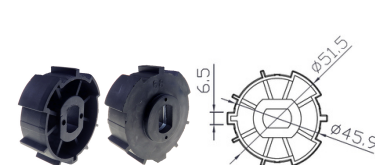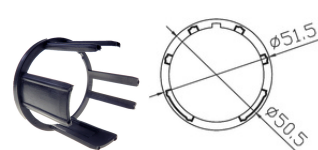
ACCESSORIES FOR DIAMETER 45MM:
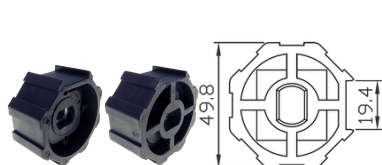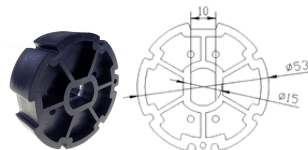

50 octagonal pulley | 61.005.010

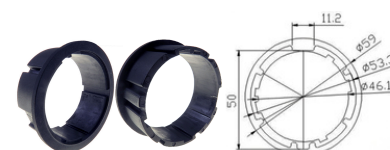**Corona 50 octagonal** | 61.005.110

DEPRAT 54 octagonal pulley | 61.005.099
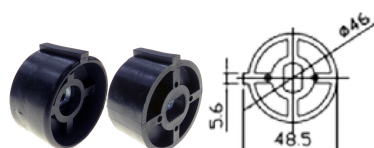

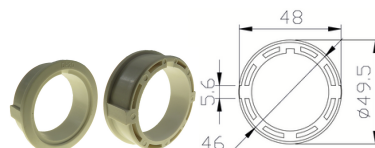**Corona 54 octagonal DEPRAT** | 61.005.098
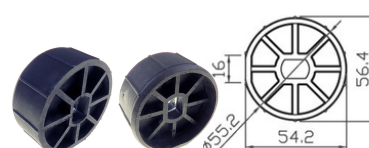

Pulley 56 | 61.005.003

Corona 56 | 61.005.103

reinforced pulley 58 | 61.005.008

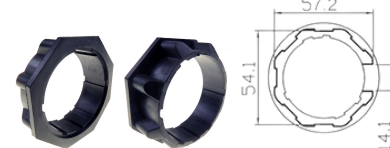**Reinforced Crown 58** | 61.005.108

Pulley 60 round | 61.005.012

reinforced octagonal pulley 60 | 40.005.011

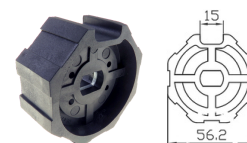**Corona 60 octagonal** | 61.005.111

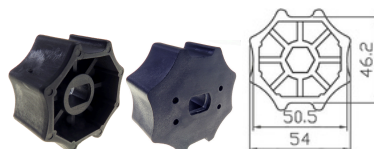**Reinforced octagonal crown 60** | 40.005.111

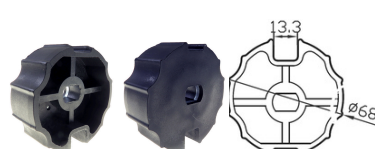**Crown 60 curly** | 61.005.104

Crown 60 round | 61.005.112

60 octagonal pulley | 61.005.011

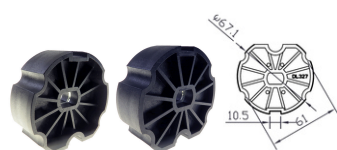
Pulley 60 curled | 61.005.004

Pulley 70 offset warhead | 61.005.005

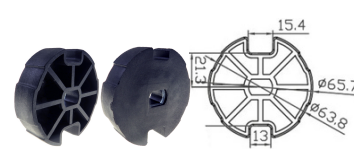**Crown 70 off-centered ogive** | 61.005.105

ACCESSORIES FOR DIAMETER 45MM:

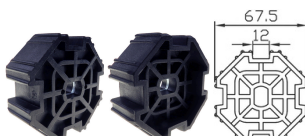**Pulley 70 BAT warhead** — 61.005.029

Corona 70 BAT warhead — 61.005.129
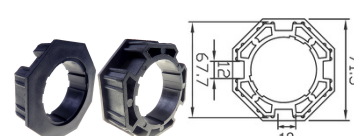
Pulley 70 centered warhead — 61.005.014

Crown 70 centered ogive — 61.005.114

70 octagonal pulley — 61.005.006

Corona 70 octagonal — 61.005.106
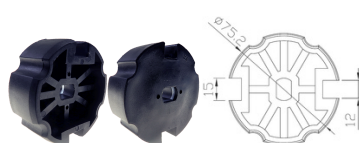
Pulley 78 Warhead — 61.005.007
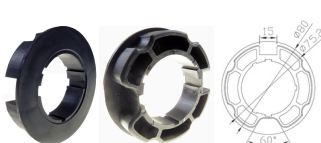
Crown 78 Warhead — 61.005.107

Pulley 80 BAT warhead — 61.005.030

Corona 80 BAT warhead — 61.005.130

MOUNTING BRACKETS:
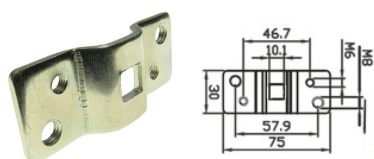
CONSTRUCTION SUPPORT 45MM 2 AG.
60.004.006
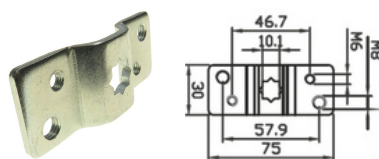
45MM STAR CONSTRUCTION SUPPORT
60.004.005
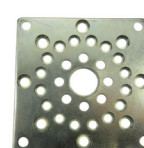
DRAWER SUPPORT FOR 55/59MM
60.004.059

METAL SUPPORT 45 BD + BDP + WI
60.004.109

SKY BIDI TYPE METAL SHEET DRAWER SUPPORT
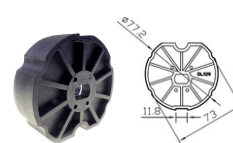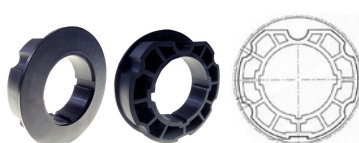60.004.110

ACCESSORIES FOR DIAMETER 59MM:
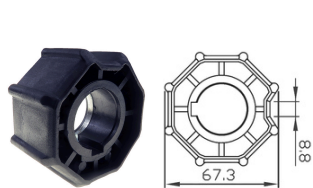
70 Octagonal Pulley 61.005.016

67.6
15
67.3
8.8
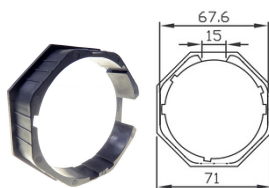
Corona 70 Octagonal 61.005.116

71
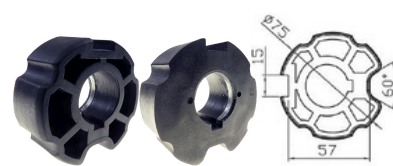
Pulley 78 Off-center warhead 61.005.024

Ø75
15
60°
57

Crown 78 Off-centered ogive 61.005.124

Ø75.2
15
Ø80
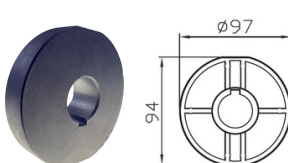
100 round pulley 61.005.022

Ø97
94
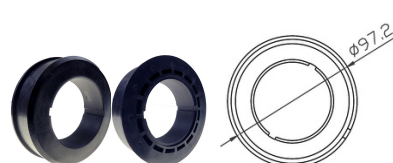
Crown 100 round 61.005.122

Ø97.2

MOUNTING BRACKETS FOR 59MM:

SQUARE DRAWER SUPPORT D.55/59

60.004.066
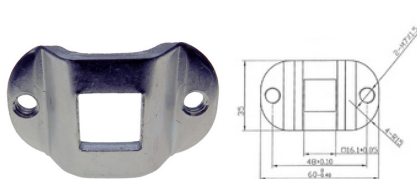
CONSTRUCTION SUPPORT 55 / 59 MM

60.004.007

CONSTRUCTION SUPPORT 55/59 MM STAR

60.004.008

COMPATIBLE WITH:

KUMO WAVE

BD.100.001

KIK1

BD.003.101

KIK15

BD.003.115

KIKWALLL

90.003.101

KIKWALLL15

90.003.115

**NOX SOLAR
WEATHER VANE**

BD.002.124

KIK SUN

BD.003.115SUN

KIK MOVE

BD.001.125

INSTRUCTIONS:

1. LINK FIRST TRANSMITTER

From the controller:

① ② ③ ④

(x1)   (5")   (x2)

Click-Clack x1   Click-Clack x2
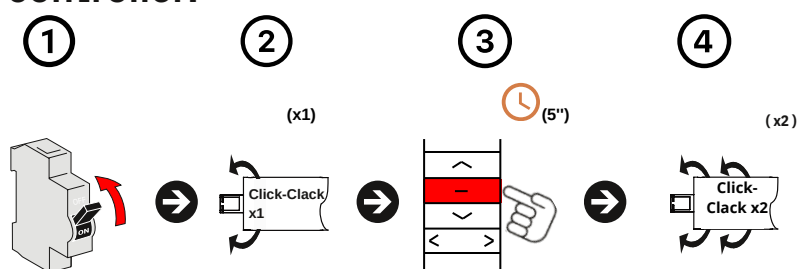
Procedure:

1. To give current.
2. The motor will make a "CLICK-CLACK" sound (x1).
3. Press (STOP) on the remote control to record for five seconds (5'').
4. The motor will make a "CLICK-CLACK" sound (x1).

From the motor button:
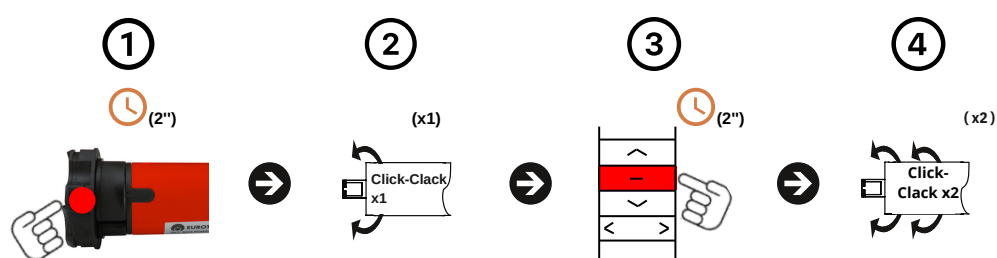
① ② ③ ④

(2")   (x1)   (2")   (x2)

Click-Clack x1   Click-Clack x2

Procedure:

1. Press the (PROG) button on the motor head for two seconds (2").
2. The motor will make a "CLICK-CLACK" sound (x1) and a long beep (x1).
3. Press (STOP) on the transmitter to be recorded for two seconds (2").
4. The motor will make two "CLICK-CLACK" sounds (x2) and three beeps (x3).

From the controller:
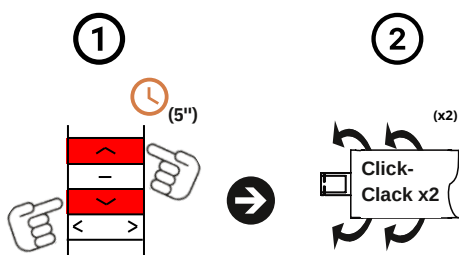
Procedure:

1. Press the (UP) + (DOWN) button on the remote control at the same time for five (5") seconds.
2. The motor will make two "CLICK-CLACK" sounds (x2).

From the motor button:

Procedure:

1. Press the (PROG) button on the motor head for six seconds (6").
2. The motor will make three "CLICK-CLACK" sounds (x3).

Make sure the direction of rotation is correct before continuing with programming.

3. SELECTION OF AWNING TYPE: PRESSURE CLOSURE OR STANDARD

① ② ③ ④ ⑤ ⑥

(x1) (x1) (x2)

Click-Clack x1 ⬆ Click-Clack x1 ⬆ Click-Clack x2

Procedure:

The Motor comes from the factory with the standard mode, following these instructions will alternate between the standard close and snap close modes.
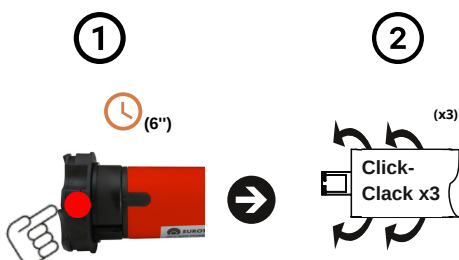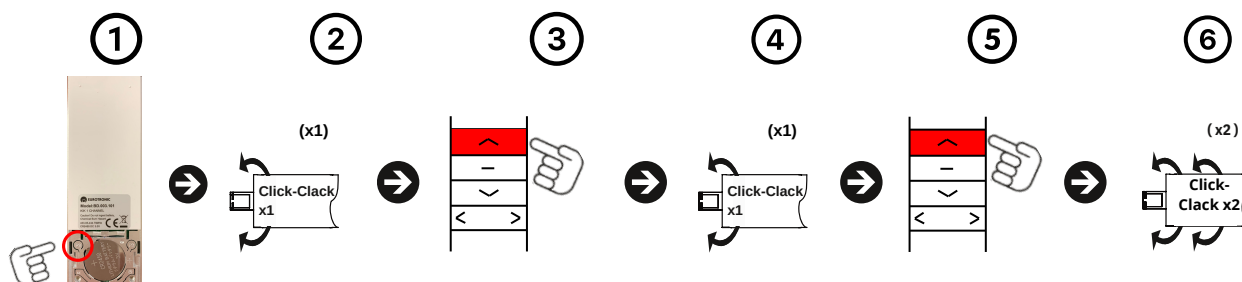
1. We will press the button (P2) located behind the transmitter.
2. The motor will make a "CLICK-CLACK" sound (x1) and a beep sound (x1).
3. We will press the (UPLOAD) button.
4. The motor will make a "CLICK-CLACK" sound (x1) and a beep sound (x1).
5. We will press the (UPLOAD) button a second time to confirm.
6. The motor will make two "CLICK-CLACK" sounds (x2) and three beeps (x3).

4. PROGRAM THE DOWNHILL LIMIT SWITCH
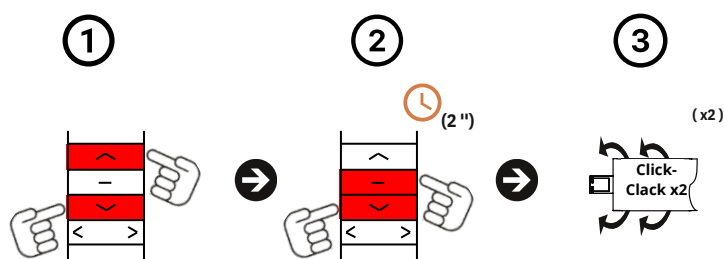
① ② ③

(2") (x2)

Click-Clack x2

Procedure:

1. We will position the motor in the desired location using the (UP) or (DOWN) button on the transmitter. (if the up or down button is held down for 2 seconds, the movement will be automatic)
2. We will hold down the (DOWN + STOP) button for two seconds (2") to confirm.
3. The motor will make two "CLICK-CLACK" sounds (x2) and three beeps (x3).

To modify the down stroke limit, press (DOWN + STOP) for 2 seconds and start the procedure again.

(2")

5. PROGRAM THE UPHILL LIMIT SWITCH

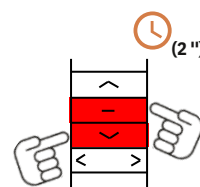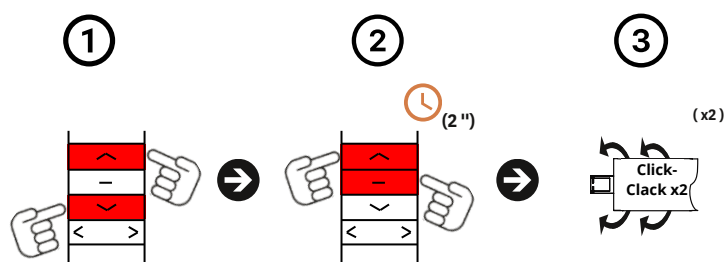### Procedure:

1. We will position the motor in the desired location using the (UP) or (DOWN) button on the transmitter. (if the up or down button is held down for 2 seconds, the movement will be automatic)
2. We will hold down the (UP + STOP) button for two seconds (2") to confirm.
3. The motor will make two "CLICK-CLACK" sounds (x2) and three beeps (x3).

To modify the down stroke limit, press (UP + STOP) for 2 seconds and start the procedure again.
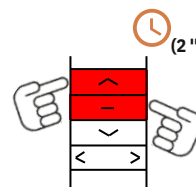
6. PROGRAM AUTOMATIC (BY PRESSURE) UPHILL LIMIT SWITCH
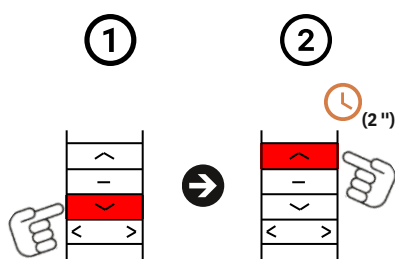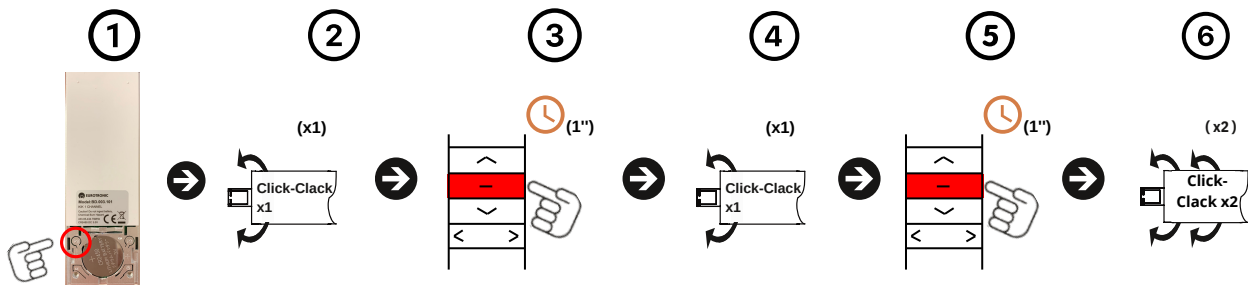

Procedure:

Make sure you have the lower limit switch set correctly.

1. Open the motor a safe distance from the upper limit using the (DOWN) button.
2. We will hold down the (UP) button for two seconds (2") to confirm.

7. ADD/DELETE FAVORITE POSITION

① ② ③ ④ ⑤ ⑥

(x1) (1") (x1) (1") (x2)

Click-Clack x1 · Click-Clack x1 · Click-Clack x2
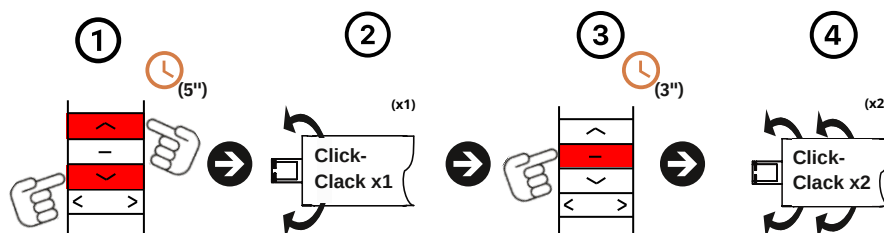
Procedure:

We will position the motor in the desired favorite position using the up or down button on the transmitter.

1. We will press the button (P2) located behind the transmitter.
2. The motor will make a "CLICK-CLACK" sound (x1) and a beep sound (x1).
3. We will press the central button (STOP).
4. The motor will make a "CLICK-CLACK" sound (x1) and a beep sound (x1).
5. We will press the central button (STOP) for the second time to confirm.
6. The motor will make two "CLICK-CLACK" sounds (x2) and three beeps (x3).

To search for the favorite position, press the (STOP) button for two seconds.

(2")
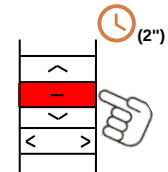
8. ACTIVATE/DEACTIVATE PULSE MOVEMENT

① ② ③ ④

(5") (x1) (3") (x2)

Click-Clack x1 · Click-Clack x2

Procedure:

1. Press the transmitter's (UP + DOWN) buttons at the same time for five seconds (5'').
2. The motor will make a "CLICK-CLACK" sound (x1) and a beep sound (x1).
3. Press the (STOP) button once (x1) to confirm.

- If the motor makes a "CLICK-CLACK" (x1) and a long beep (x1) it will be in pulse mode.
- If the motor makes (x2) CLICK-CLACK and three beeps (x3) it will be in continuous mode.

## 9. LINK/REMOVE AN ADDITIONAL TRANSMITTER

From the controller:
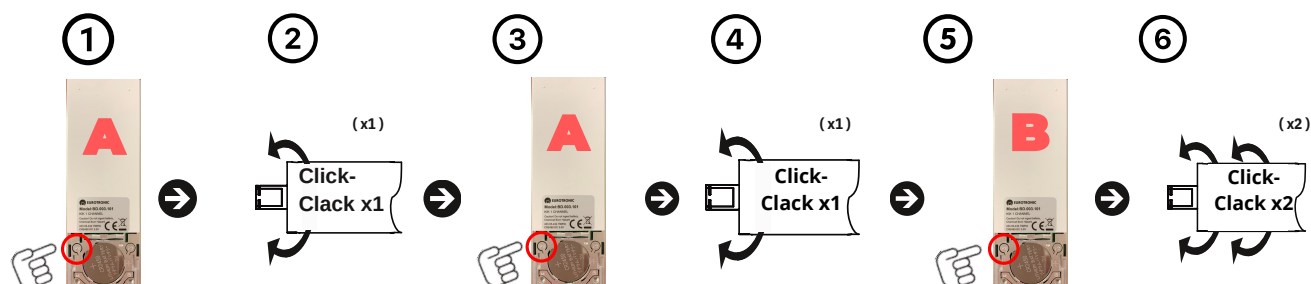
Procedure:

1. Press the button (P2) located behind the already linked transmitter (A).
2. The motor will make a CLICK-CLACK (x1) and a beep (x1).
3. We will press the button (P2) of the same transmitter (A) again.
4. The motor will make a "CLICK-CLACK" sound (x1) and a beep sound (x1).
5. Then press the (P2) button on the new transmitter (B) to confirm.
6. The motor will make two "CLICK-CLACK" sounds (x2) and three beeps (x3).
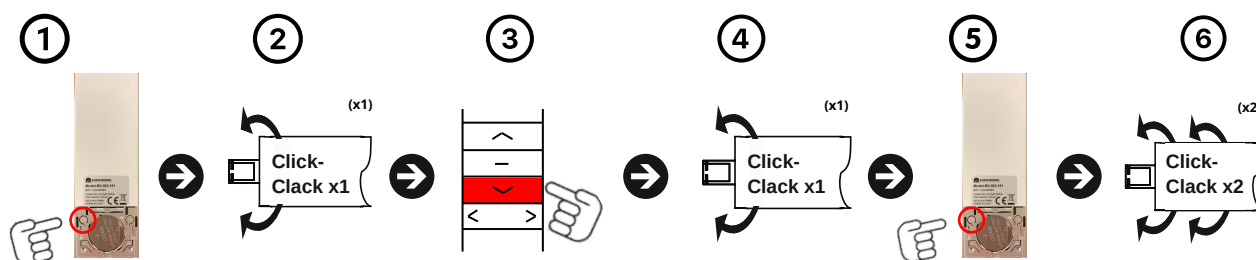
From the motor button:
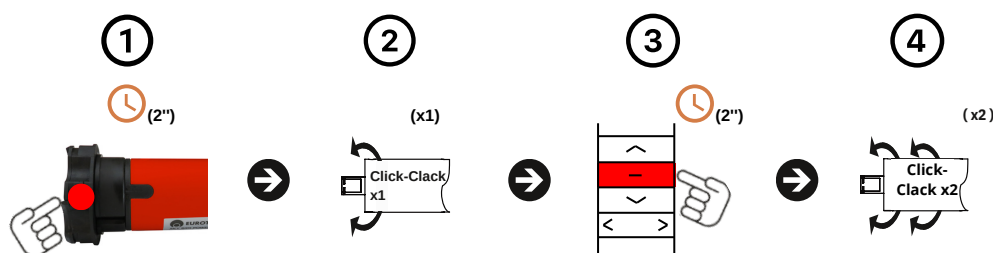
Procedure:

1. Press the (PROG) button on the motor head for two seconds (2").
2. The motor will make a "CLICK-CLACK" sound (x1) and a long beep (x1).
3. Press (STOP) on the transmitter to be recorded for two seconds (2").
4. The motor will make two "CLICK-CLACK" sounds (x2) and three beeps (x3).

**You can use either process to remove a bound emitter.**

10. REMOVE ALL LIMIT SWITCHES

① ② ③ ④ ⑤ ⑥

(x1) Click-Clack x1

(x1) Click-Clack x1

(x2) Click-Clack x2

Procedure:

1. Press the button (P2), of an already recorded transmitter, located on the back.
2. The motor will make a "CLICK-CLACK" sound (x1) and a beep sound (x1).
3. Next we will press the (DOWN) button.
4. The motor will make a "CLICK-CLACK" sound (x1) and a beep sound (x1).
5. We will press the (P2) button again to confirm.
6. The motor will make two "CLICK-CLACK" sounds (x2) and three beeps (x3).

11. DELETE ALL TRANSMITTERS
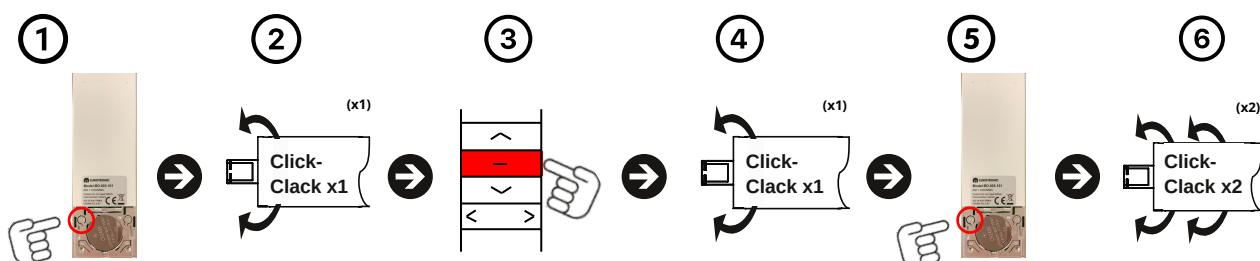
① ② ③ ④ ⑤ ⑥

(x1) Click-Clack x1

(x1) Click-Clack x1

(x2) Click-Clack x2

Procedure:

1. Press the button (P2), of an already recorded transmitter, located on the back.
2. The motor will make a "CLICK-CLACK" sound (x1) and a beep sound (x1).
3. Next we will press the central button (STOP).
4. The motor will make a "CLICK-CLACK" sound (x1) and a beep sound (x1).
5. We will press the (P2) button again to confirm.
6. The motor will make two "CLICK-CLACK" sounds (x2) and three beeps (x3).
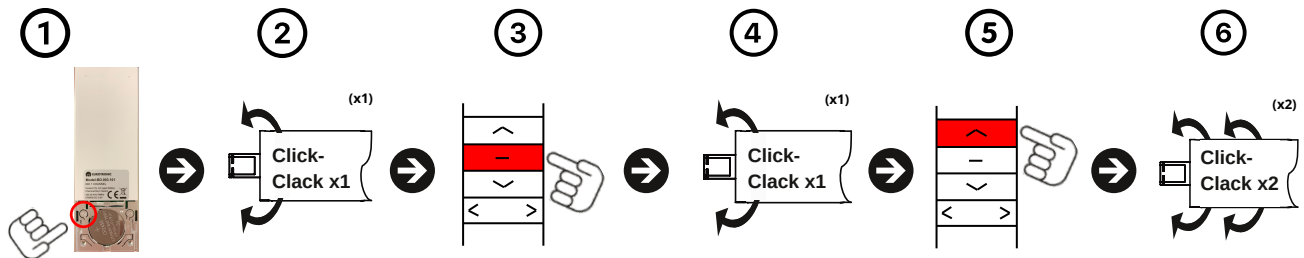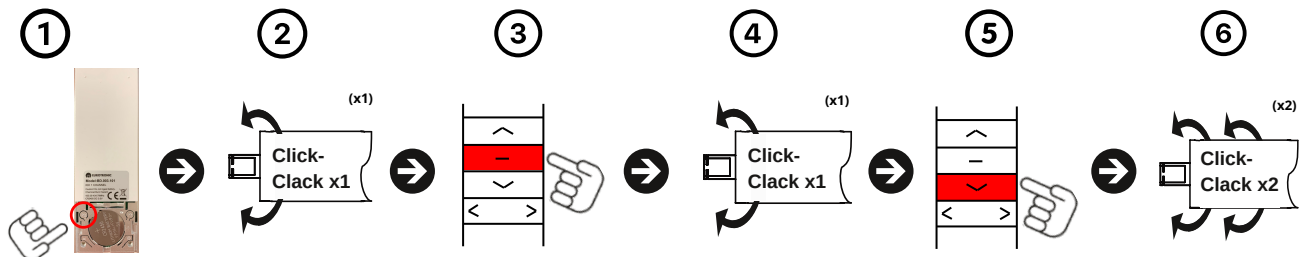
12. ENABLE/DISABLE RECOIL ON CLOSE

Procedure:

1. Press the (P2) button on the transmitter.
2. The motor will make a "CLICK-CLACK" sound (x1) and a beep sound (x1).
3. Next we will press the (STOP) button.
4. The motor will make a "CLICK-CLACK" sound (x1) and a beep sound (x1).
5. Press the (UP) button to confirm.
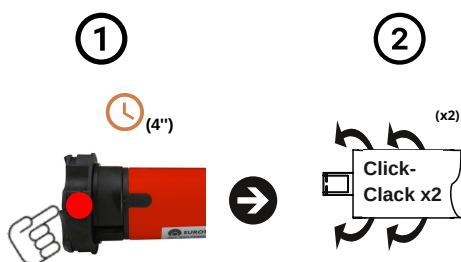6. The motor will make a "CLICK-CLACK" sound (x1) and a long beep (x1).

13. ENABLE/DISABLE KICKBACK AT OPENING

Procedure:

1. Press the (P2) button on the transmitter.
2. The motor will make a "CLICK-CLACK" sound (x1) and a beep sound (x1).
3. Next we will press the (STOP) button.
4. The motor will make a "CLICK-CLACK" sound (x1) and a beep sound (x1).
5. Press the (DOWN) button to confirm.
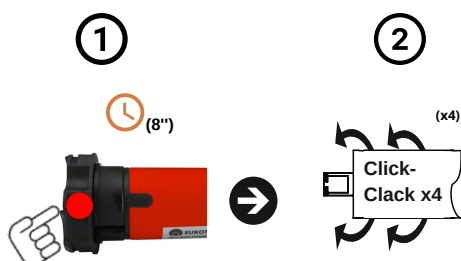6. The motor will make a "CLICK-CLACK" sound (x1) and a long beep (x1).

14. RADIO BLOCKING

Procedure:

1. Press the (PROG.) button on the motor head for ten seconds (4").
2. The motor will make two "CLICK-CLACK" sounds (x2).

15. RESET TO FACTORY MODE

Procedure:

1. Press the (PROG.) button on the motor head for eight seconds (8").
2. The motor will make four "CLICK-CLACK" sounds (x4).

This motor travels between the upper and lower limit switches every 50 cycles. The motor automatically calibrates itself to ensure proper motor operation.

The automatic calibration cycle consists of a series of short ups and downs to confirm the limit switch positions.

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