



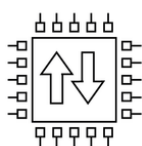
# SKY BIDI



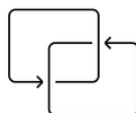
| EUROTRONIC         |        |        |                                                                                    |  |
|--------------------|--------|--------|------------------------------------------------------------------------------------|--|
| SKY BIDI Ø45 50/12 |        |        |                                                                                    |  |
| Ø45                | 50 mm  | 12 rpm |  |  |
| 230 vac            | 50 Hz  | IP 44  |                                                                                    |  |
| 228 W              | 0.99 A | 4 min. |                                                                                    |  |
| Elastic limit: 4   |        |        |                                                                                    |  |
| BD-245.050         |        |        |                                                                                    |  |



**Obstacle  
detector**



**Electronic  
limit switch**



**Two-way  
protocol**



**Radio control**

\*Only in Ø45mm

SKY BIDI Ø35mm | SKY BIDI Ø45mm | SKY BIDI Ø59MM

# SKY BIDI

*SKY BIDI motors offer simple automation for curtains, blinds and awnings. They include obstacle detection technology, stopping automatically when faced with obstructions. Power, adaptability and radio control for exceptional automation.*

## REFERENCES



**SKY BIDI Ø35mm**

|       |            |
|-------|------------|
| 6/28  | BD.235.006 |
| 10/17 | BD.235.010 |



**SKY BIDI Ø45mm**

|       |            |
|-------|------------|
| 20/15 | BD.245.020 |
| 30/15 | BD.245.030 |
| 50/12 | BD.245.050 |



**SKY BIDI Ø59mm**

|        |            |
|--------|------------|
| 80/15  | BD.259.080 |
| 100/12 | BD.259.100 |
| 120/9  | BD.259.120 |

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.

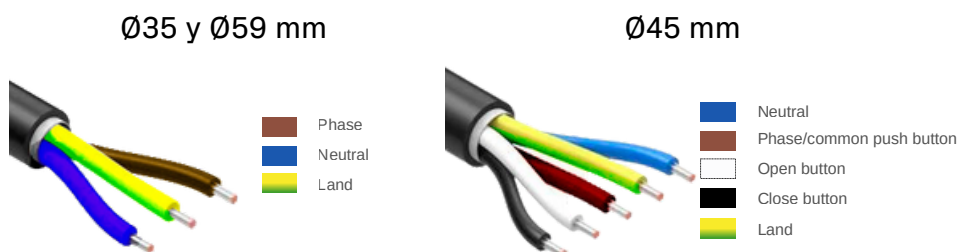
Connection to wired switch or push button. \*only in Ø45mm models

Obstacle detection technology \*only on Ø45mm models

## TECHNICAL CHARACTERISTICS

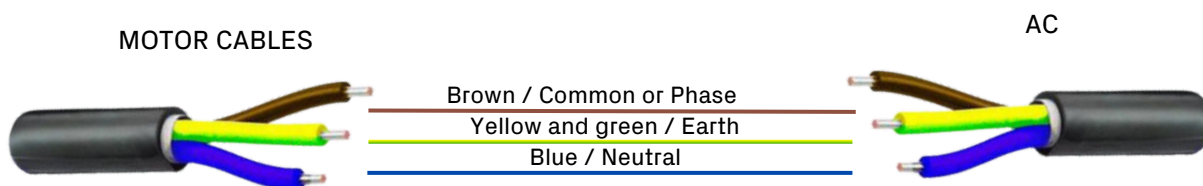
| Model  | Par-nominal | Speed  | Feeding     | Nominal power | Amperage | Working time | Max rotations | Degree of protection | Length measurement | Max Weight |
|--------|-------------|--------|-------------|---------------|----------|--------------|---------------|----------------------|--------------------|------------|
| 6/28   | 6 Nm        | 28 rpm | 230 V 50 Hz | 144 W         | 0.63 A   | 4 min        | ∞             | IP44                 | 595 mm             | 10 Kg      |
| 10/17  | 10 Nm       | 17 rpm | 230 V 50 Hz | 144 W         | 0.63 A   | 4 min        | ∞             | IP44                 | 595 mm             | 17 Kg      |
| 20/15  | 20 Nm       | 15 rpm | 230 V 50 Hz | 161 W         | 0.69 A   | 4 min        | ∞             | IP44                 | 602 mm             | 32 Kg      |
| 30/15  | 30 Nm       | 15 rpm | 230 V 50 Hz | 200 W         | 0.87 A   | 4 min        | ∞             | IP44                 | 665 mm             | 50 Kg      |
| 50/12  | 50 Nm       | 12 rpm | 230 V 50 Hz | 228 W         | 0.99 A   | 4 min        | ∞             | IP44                 | 712 mm             | 80 Kg      |
| 80/15  | 80 Nm       | 15 rpm | 230 V 50 Hz | 330 W         | 1.43 A   | 4 min        | ∞             | IP44                 | 712 mm             | 120 Kg     |
| 100/12 | 100 Nm      | 12 rpm | 230 V 50 Hz | 345 W         | 1.54 A   | 4 min        | ∞             | IP44                 | 712 mm             | 150 Kg     |
| 120/9  | 120 Nm      | 9 rpm  | 230 V 50 Hz | 350 W         | 1.56 A   | 4 min        | ∞             | IP44                 | 712 mm             | 180 Kg     |

## MOTORCONNECTORS

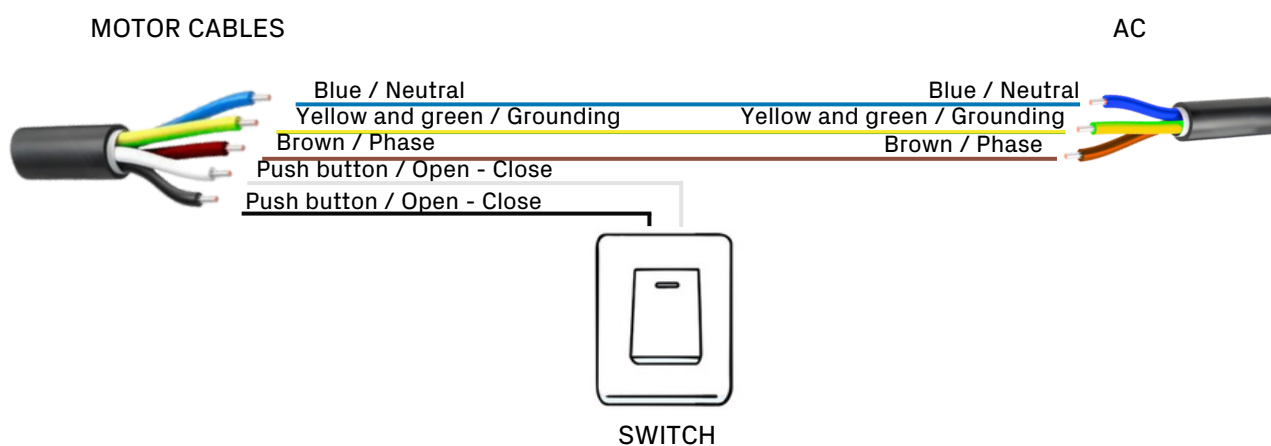


## ELECTRICAL DIAGRAM

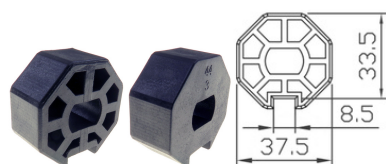
Ø35 y Ø59 mm



Ø45 mm



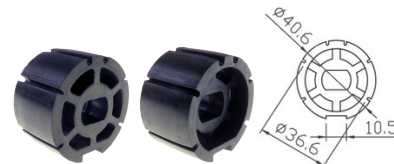
## ACCESSORIES FOR DIAMETER 35MM:



**40 octagonal pulley** | 61.005.001



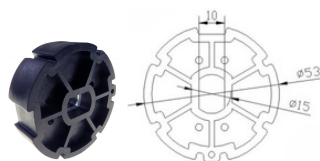
**Corona 40 octagonal** | 61.005.101



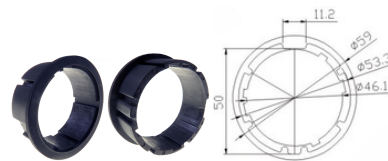
**Pulley 43** | 61.005.002



**Corona 43** | 61.005.102



**Pulley 56** | 61.005.003



**Corona 56** | 61.005.103



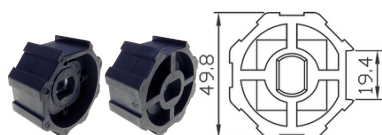
**Pulley 50 round** | 61.005.009

## MOUNTING BRACKETS:

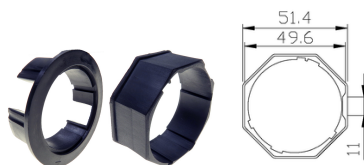


**DRAWER SUPPORT FOR 35MM  
MOTORS**  
60.004.106

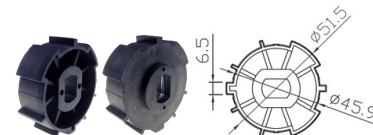
## ACCESSORIES FOR DIAMETER 45MM:



**50 octagonal pulley** | 61.005.010



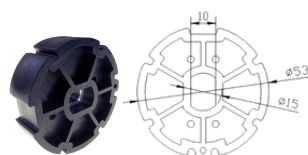
**Corona 50 octagonal** | 61.005.110



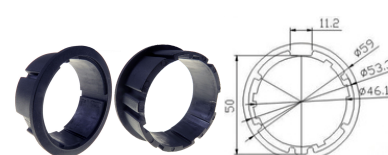
**DEPRAT 54 octagonal pulley** | 61.005.099



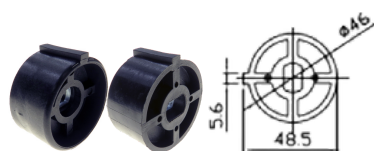
**Corona 54 octagonal DEPRAT** | 61.005.098



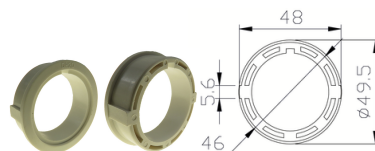
**Pulley 56** | 61.005.003



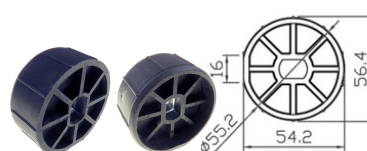
**Corona 56** | 61.005.103



**reinforced pulley 58** | 61.005.008



**Reinforced Crown 58** | 61.005.108



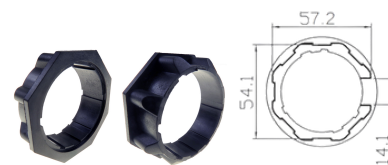
**Pulley 60 round** | 61.005.012



**reinforced octagonal pulley 60** | 40.005.011



**Corona 60 octagonal** | 61.005.111



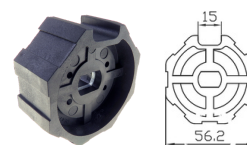
**Reinforced octagonal crown 60** | 40.005.111



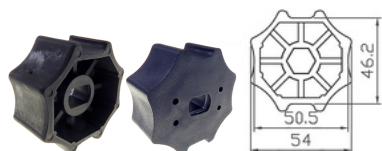
**Crown 60 curly** | 61.005.104



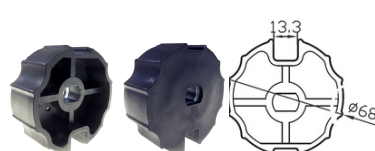
**Crown 60 round** | 61.005.112



**60 octagonal pulley** | 61.005.011



**Pulley 60 curled** | 61.005.004

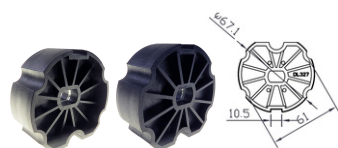


**Pulley 70 offset warhead** | 61.005.005



**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



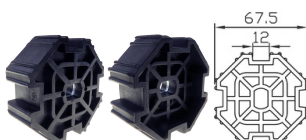
**Pulley 70 centered  
warhead**

61.005.014



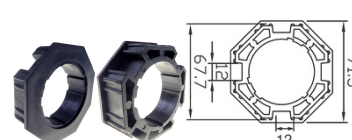
**Crown 70 centered ogive**

61.005.114



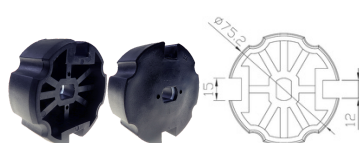
**70 octagonal pulley**

61.005.006



**Corona 70 octagonal**

61.005.106



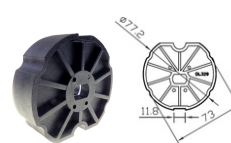
**Pulley 78  
Warhead**

61.005.007



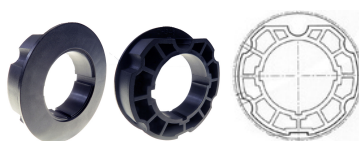
**Crown 78  
Warhead**

61.005.107



**Pulley 80 BAT  
warhead**

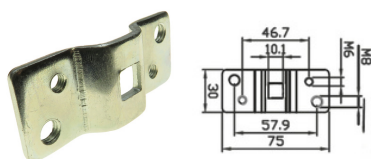
61.005.030



**Corona 80 BAT  
warhead**

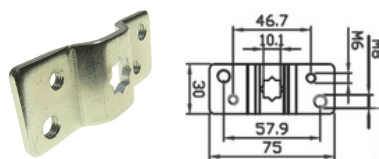
61.005.130

## MOUNTING BRACKETS:



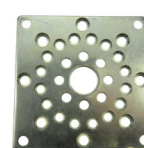
**CONSTRUCTION SUPPORT 45MM 2 AG.**

60.004.006



**45MM STAR CONSTRUCTION SUPPORT**

60.004.005



**DRAWER SUPPORT FOR 55/59MM**

60.004.059



**METAL SUPPORT 45 BD + BDP + WI**

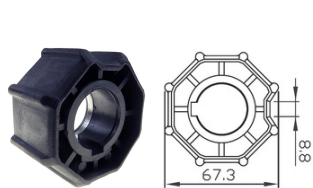
60.004.109



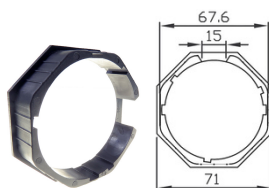
**SKY BIDI TYPE METAL SHEET DRAWER SUPPORT**

60.004.110

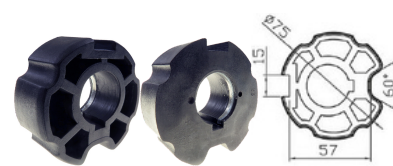
## ACCESSORIES FOR DIAMETER 59MM:



**70 Octagonal Pulley** | 61.005.016



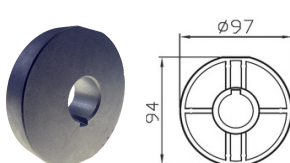
**Corona 70 Octagonal** | 61.005.116



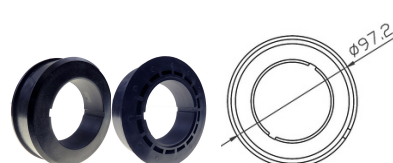
**Pulley 78 Off-center warhead** | 61.005.024



**Crown 78 Off-centered ogive** | 61.005.124



**100 round pulley** | 61.005.022



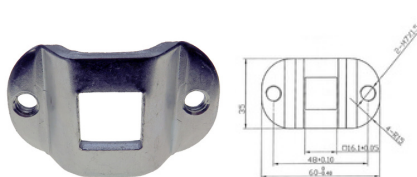
**Crown 100 round** | 61.005.122

## 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

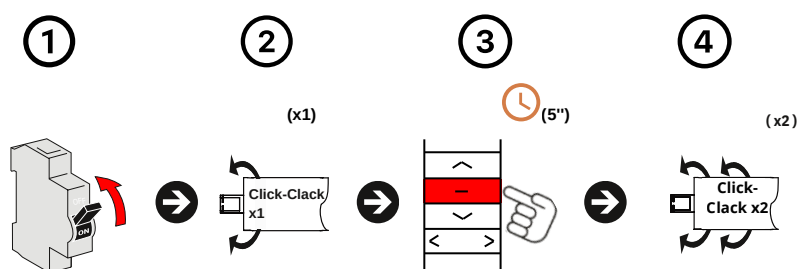


**SINGLE KEY PUSH  
BUTTON**  
60,003,023K

# INSTRUCTIONS:

## 1. LINK FIRST TRANSMITTER

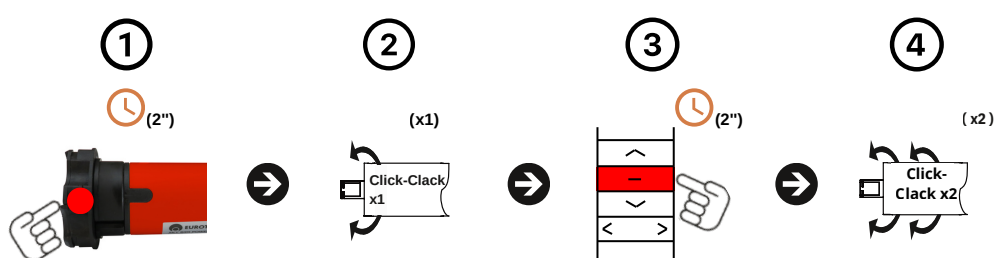
From the controller:



### 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.
4. The motor will make a "CLICK-CLACK" sound (x1).

From the motor button:



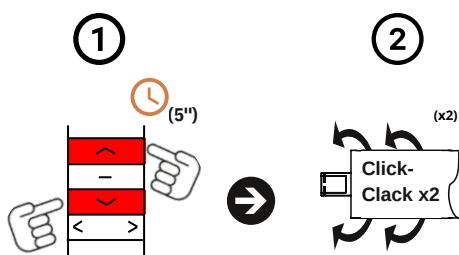
### Procedure:

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).

**Only available in 35mm model.**

## 2. CHANGE OF ROTATION DIRECTION

From the controller:

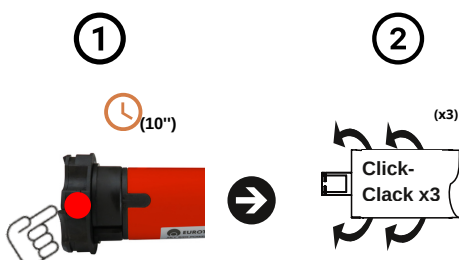


Procedure:

---

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:

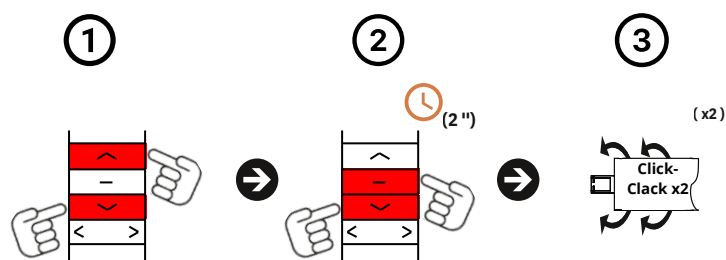
---

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

**Only available in 35mm model.**

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

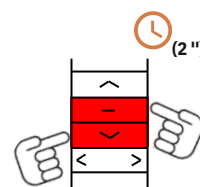
### 3. PROGRAM THE DOWNHILL LIMIT SWITCH



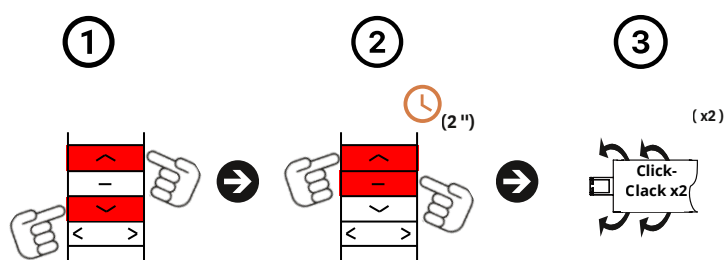
#### Procedure:

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 (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.**



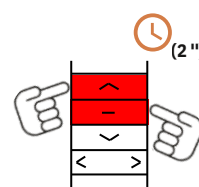
### 4. PROGRAM THE UPHILL LIMIT SWITCH



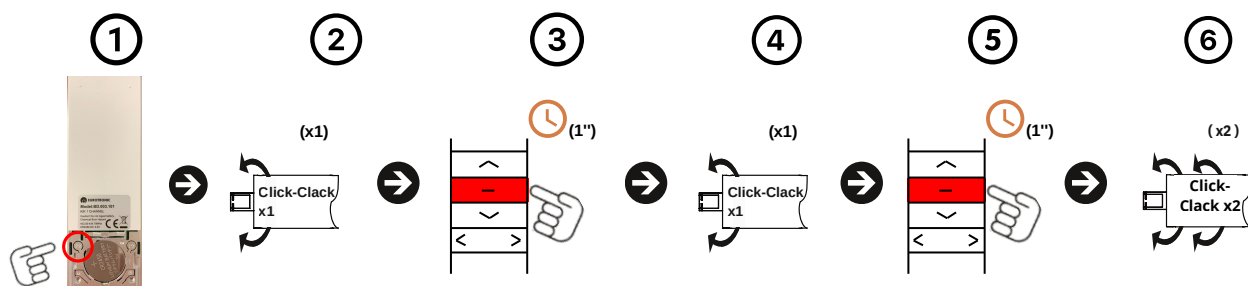
#### Procedure:

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.**



## 5. ADD/DELETE FAVORITE POSITION

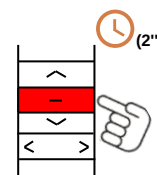


### Procedure:

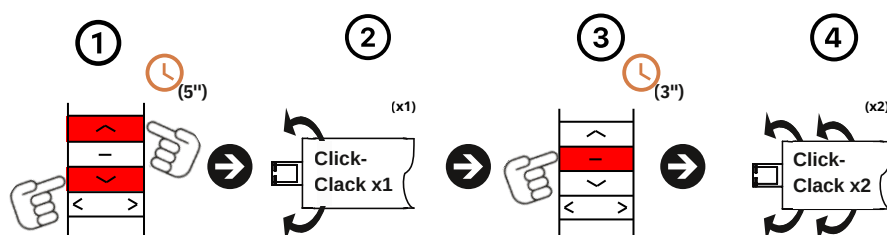
We will position the motor in the desired favorite position using the up or down button on the transmitter.

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.



## 6. ACTIVATE/DEACTIVATE PULSE MOVEMENT



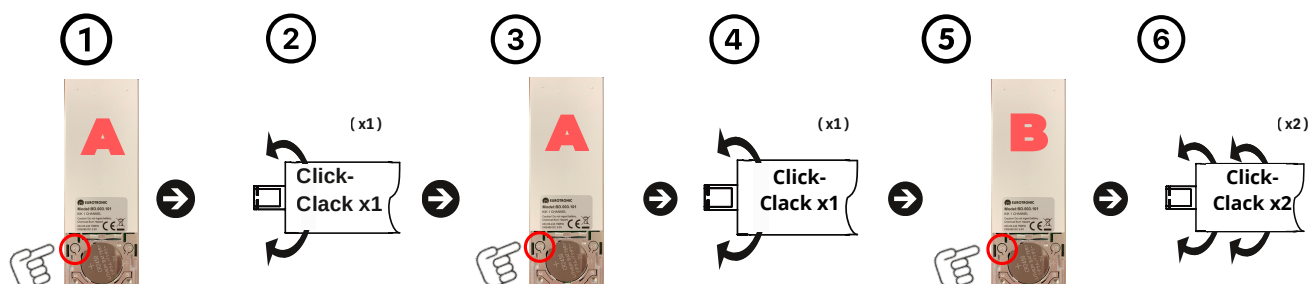
### Procedure:

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.

## 7. LINK AN ADDITIONAL TRANSMITTER

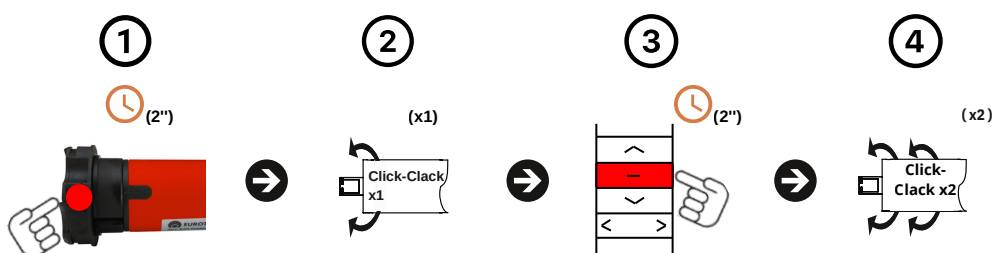
From the controller:



### 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:



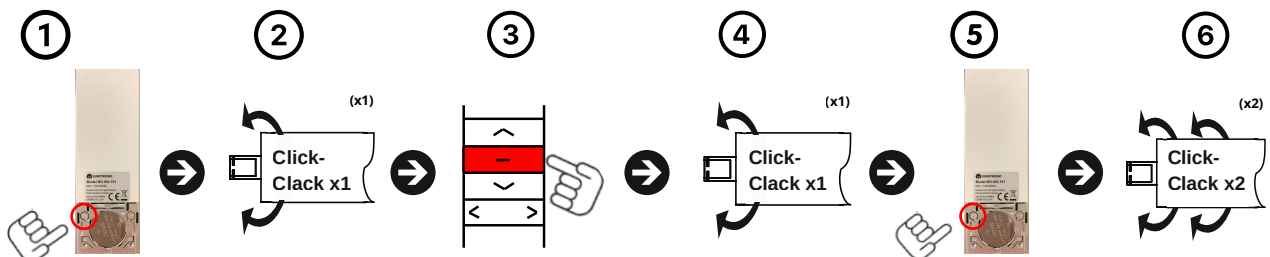
### Procedure:

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).

**Only available in 35mm model.**

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

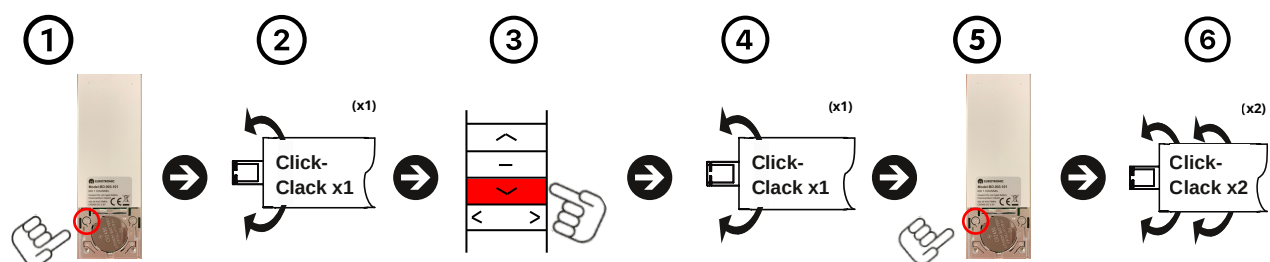
## 8. DELETE A TRANSMITTER



### 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).

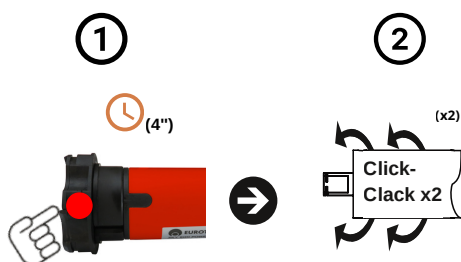
## 9. REMOVE ALL LIMIT SWITCHES



### 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).

## 10. RADIO BLOCKING

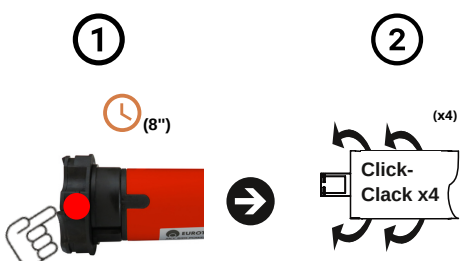


### Procedure:

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

**Only available in 35mm model.**

## 11. RESET TO FACTORY MODE

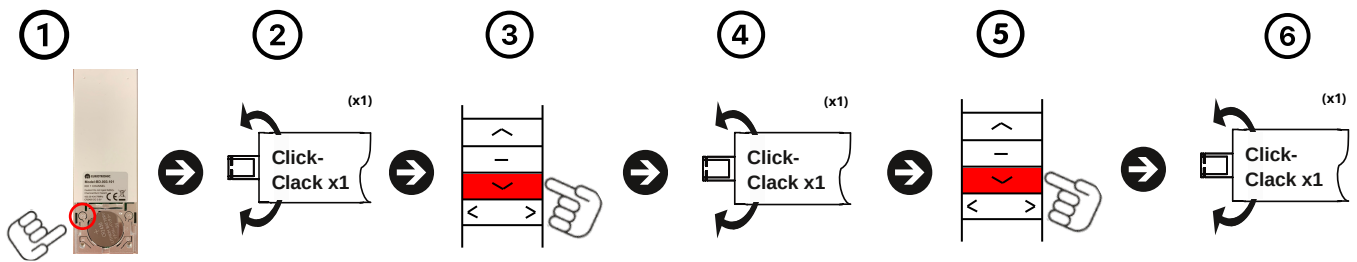


### Procedure:

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

**Only available in 35mm model.**

## 12. ACTIVATE OR DEACTIVATE OBSTACLE STOP

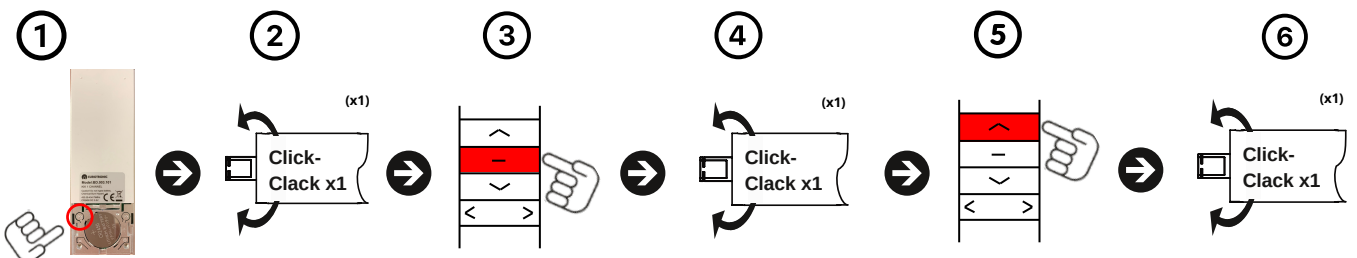


### Procedure:

1. Press the (P2) button, located on the back.
2. The motor will make a "CLICK-CLACK" (x1) and a beep (x1).
3. Next, we will press the (DOWN) button.
4. The motor will make a "CLICK-CLACK" (x1) and a beep (x1).
5. We will press the (DOWN) button again
  - If the motor makes a "CLICK-CLACK" (x1) and a long beep (x1), obstacle stop mode is ACTIVATED.
  - If the motor makes two "CLICK-CLACK" sounds (x3) and three beeps (x3), obstacle stop mode is DEACTIVATED.

Only available in the 45mm model

## 13. CHANGE IN OBSTACLE STOPPING SENSITIVITY



### Procedure:

1. Press the (P2) button, located on the back.
2. The motor will make a "CLICK-CLACK" (x1) and a beep (x1).
3. Next, we will press the (STOP) button.
4. The motor will make a "CLICK-CLACK" (x1) and a beep (x1).
5. We will press the (UPLOAD) button
  - If the motor makes a "CLICK-CLACK" (x1) and a long beep (x1), the sensitivity is set to LOW.
  - If the motor makes three "CLICK-CLACK" sounds (x3) and three beeps (x3), the sensitivity is set to HIGH.

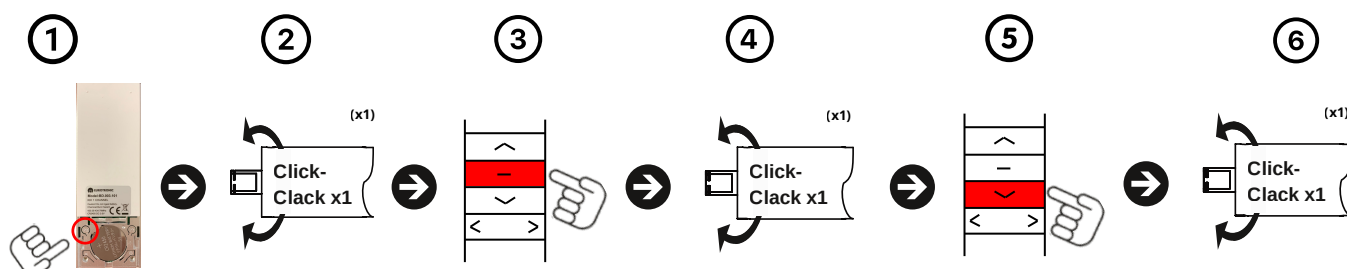
Only available in the 45mm model



**The obstacle stop mode requires the prior installation of safety straps.**



## 14. SWITCH BETWEEN OBSTACLE STOP MODES



### Procedure:

1. Press the (P2) button, located on the back.
2. The motor will make a "CLICK-CLACK" (x1) and a beep (x1).
3. Next, we will press the (STOP) button.
4. The motor will make a "CLICK-CLACK" (x1) and a beep (x1).
5. We press the (DOWN) button
  - If the motor makes a "CLICK-CLACK" (x1) and a beep (x1), it enters mode A.
  - If the motor makes two "CLICK-CLACK" sounds (x2) and two beeps (x2), it enters mode B.
  - If the motor makes three "CLICK-CLACK" sounds (x3) and two beeps (x3), it enters mode C.

## OBSTACLE STOP MODES

### Mode A:

- After setting the limits (up and down),
- It does not detect blockages within 20 cm below the upper limit,
- Yes, it detects blockages within 20 cm above the lower limit.
- But it does NOT detect in the 10 cm just above the lower limit.

### Mode B:

- After setting the limits,
- It does not detect blockages within 10 cm below the upper limit,
- It does detect blockages and stops at 10 cm above the lower limit.

### Mode C:

- It does not detect blockages in the entire area between the two limits.

| Way    | Zone WITHOUT block detection                                                                                        | Zone WITH lock detection                    |
|--------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| MODE A | <ul style="list-style-type: none"><li>• 20 cm below the upper limit</li><li>• 10 cm above the lower limit</li></ul> | ✓ 20 cm above the lower limit               |
| MODE B | <ul style="list-style-type: none"><li>• 10 cm below the upper limit</li></ul>                                       | ✓ 10 cm above the lower limit               |
| MODE C | <ul style="list-style-type: none"><li>• The entire area between the two boundaries</li></ul>                        | ✗ It does not detect blockages at any point |



[www.eurotronic-europe.com](http://www.eurotronic-europe.com)

C/Pica d'Estats, 108-118 Poligono Industrial Sant Isidre  
08272 Sant Fruitós de Bages (Barcelona) SPAIN

[pedidos@eurotronic-europe.com](mailto:pedidos@eurotronic-europe.com) Tel: +34 932 420 108