



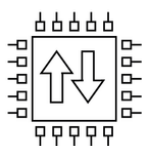
# SKY BIDI



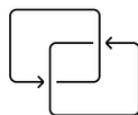
EUROTRONIC				
SKY BIDI Ø45 50/12				
Ø45	50 mm	12 rpm		
230 vac	50 Hz	IP 44		
228 W	0.99 A	4 min.		
Eltas 1001 - 8				
BD-245.050				



**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**

80/12	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.

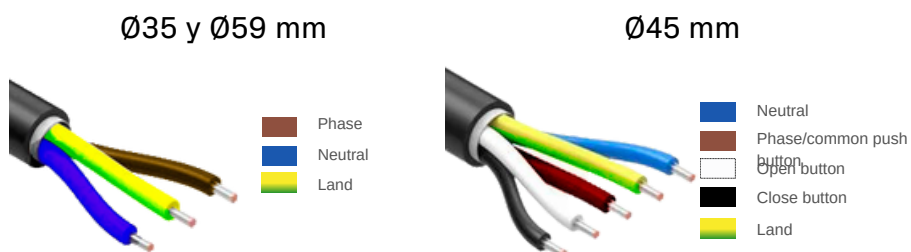
Connection to wired switch or push button. \*only in Ø45mm models

Obstacle detection technology \*only on Ø45mm models

## TECHNICAL CHARACTERISTICS

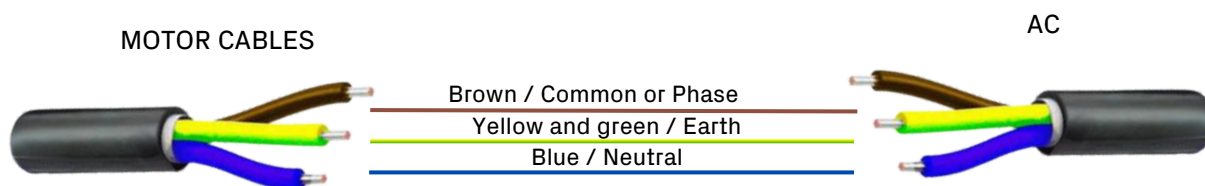
Model	Par-nominal	Speed	Feeding	Nominal power	Amperage	Working time	Max rotations	Degree of protection	Length measurement	Max Weight
6/28	6 Nm	28 rpm	230v 50hrz	144 W	0.63 A	4 min	∞	IP 44	595 mm	10 Kg
10/17	10 Nm	17 rpm	230v 50hrz	144 W	0.63 A	4 min	∞	IP 44	595 mm	17 Kg
20/15	20 Nm	15 rpm	230v 50 hrz	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
80/12	80 Nm	12 rpm	230v 50hrz	345 W	1.54 A	4 min	∞	IP 44	712 mm	120 Kg
100/12	100 Nm	12 rpm	230v 50hrz	385 W	1.65 A	4 min	∞	IP 44	712 mm	150 Kg
120/9	120 Nm	9 rpm	230v 50hrz	393 W	1.68 A	4 min	∞	IP 44	712 mm	180 Kg

## MOTORCONNECTORS

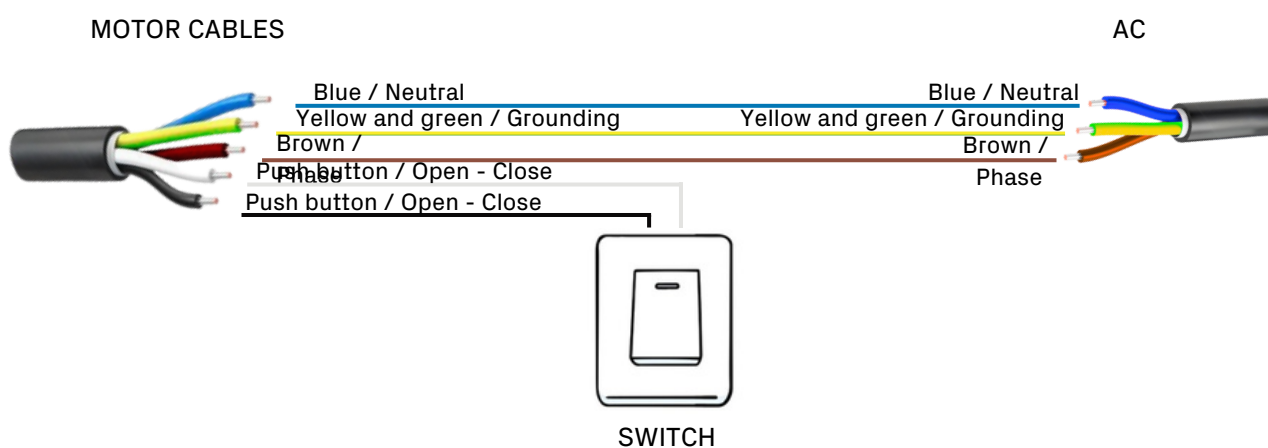


## ELECTRICAL DIAGRAM

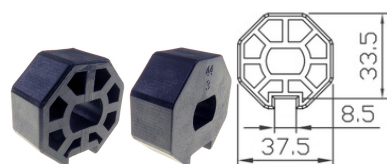
Ø35 y Ø59 mm



Ø45 mm



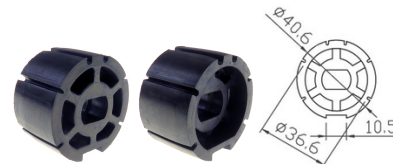
## ACCESSORIES FOR DIAMETER 35MM:



**40 octagonal pulley** | 61.005.001



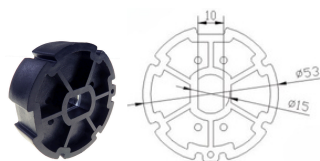
**Corona 40 octagonal** | 61.005.101



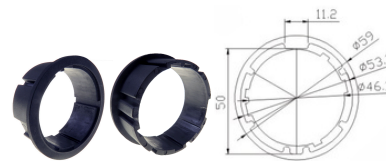
**Pulley 43** | 61.005.002



**Corona 43** | 61.005.102



**Pulley 56** | 61.005.003



**Corona 56** | 61.005.103



**Pulley 50 round** | 61.005.009

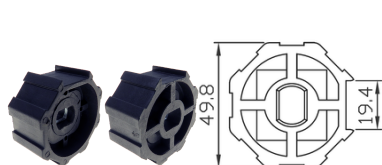
## MOUNTING BRACKETS:



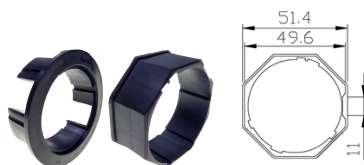
**DRAWER SUPPORT FOR 35MM  
MOTORS**  
60.004.106



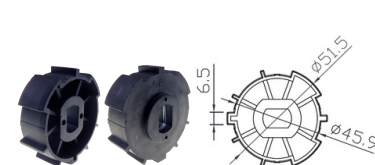
## ACCESSORIES FOR DIAMETER 45MM:



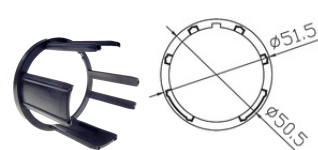
**50 octagonal pulley** | 61.005.010



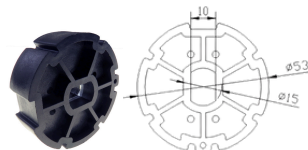
**Corona 50 octagonal** | 61.005.110



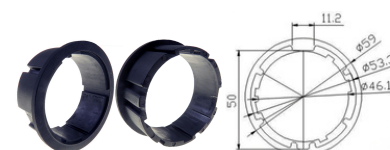
**DEPRAT 54 octagonal pulley** | 61.005.099



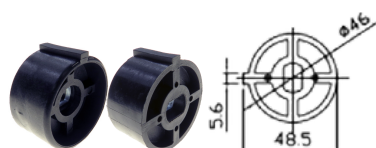
**Corona 54 octagonal DEPRAT** | 61.005.098



**Pulley 56** | 61.005.003



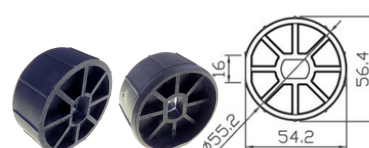
**Corona 56** | 61.005.103



**reinforced pulley 58** | 61.005.008



**Reinforced Crown 58** | 61.005.108



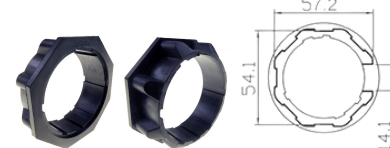
**Pulley 60 round** | 61.005.012



**reinforced octagonal pulley 60** | 40.005.011



**Corona 60 octagonal** | 61.005.111



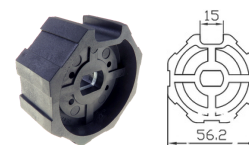
**Reinforced octagonal crown 60** | 40.005.111



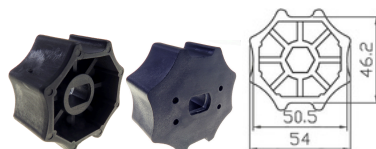
**Crown 60 curly** | 61.005.104



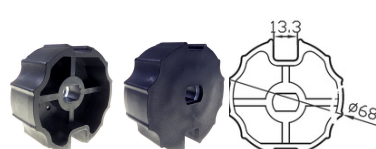
**Crown 60 round** | 61.005.112



**60 octagonal pulley** | 61.005.011



**Pulley 60 curled** | 61.005.004

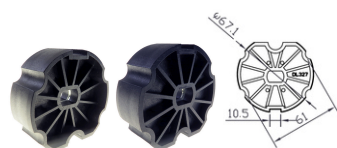


**Pulley 70 offset warhead** | 61.005.005



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

## ACCESSORIES FOR DIAMETER 45MM:



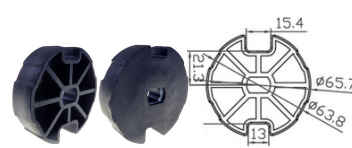
**Pulley 70 BAT warhead**

61.005.029



**Corona 70 BAT warhead**

61.005.129



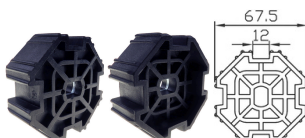
**Pulley 70 centered warhead**

61.005.014



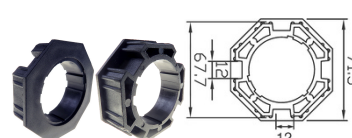
**Crown 70 centered ogive**

61.005.114



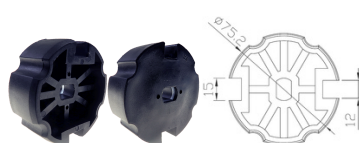
**70 octagonal pulley**

61.005.006



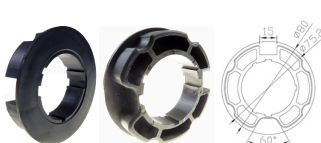
**Corona 70 octagonal**

61.005.106



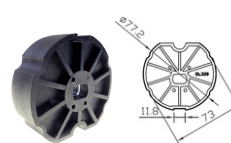
**Pulley 78 Warhead**

61.005.007



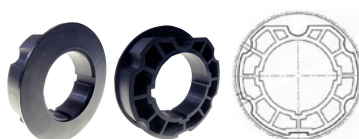
**Crown 78 Warhead**

61.005.107



**Pulley 80 BAT warhead**

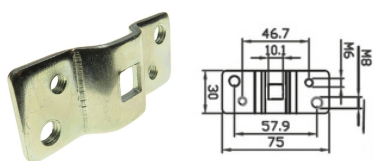
61.005.030



**Corona 80 BAT warhead**

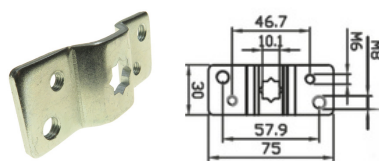
61.005.130

## MOUNTING BRACKETS:



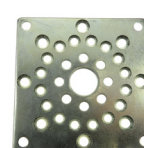
**CONSTRUCTION SUPPORT 45MM 2 AG.**

60.004.006



**45MM STAR CONSTRUCTION SUPPORT**

60.004.005



**DRAWER SUPPORT FOR 55/59MM**

60.004.059



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

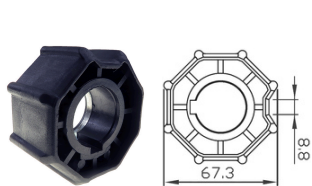
60.004.109



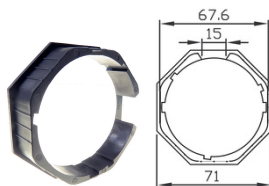
**SKY BIDI TYPE METAL SHEET DRAWER SUPPORT**

60.004.110

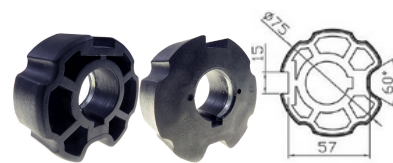
## ACCESSORIES FOR DIAMETER 59MM:



**70 Octagonal Pulley** | 61.005.016



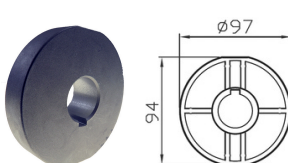
**Corona 70 Octagonal** | 61.005.116



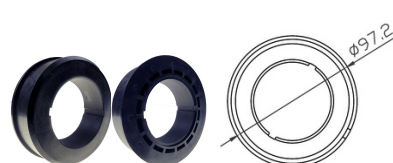
**Pulley 78 Off-center warhead** | 61.005.024



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



**100 round pulley** | 61.005.022



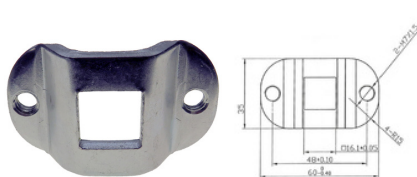
**Crown 100 round** | 61.005.122

## 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



**KIKWALL**  
90.003.101



**KIKWALL15**  
90.003.115



**NOX SOLAR  
WEATHER VANE**  
BD.002.124



**KIK SUN**  
BD.003.115SUN



**KIK MOVE**  
BD.001.125

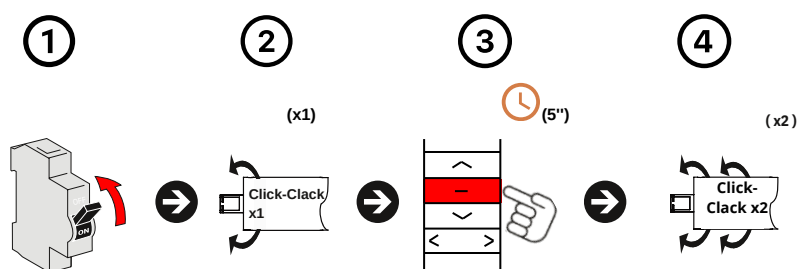


**SINGLE KEY PUSH  
BUTTON**  
60,003,023K

# INSTRUCTIONS:

## 1. LINK FIRST TRANSMITTER

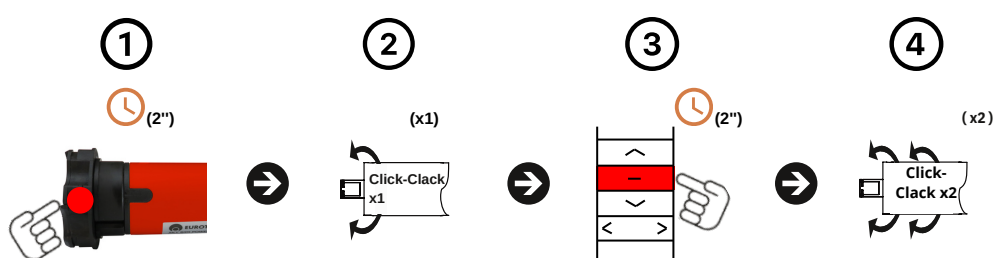
From the controller:



### 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:



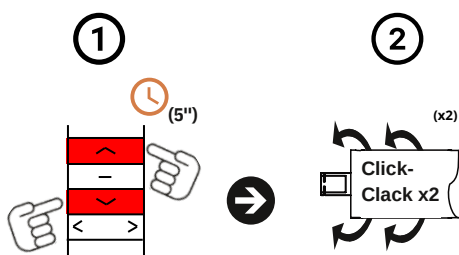
### Procedure:

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:

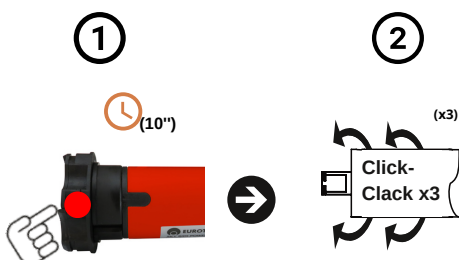


Procedure:

---

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:

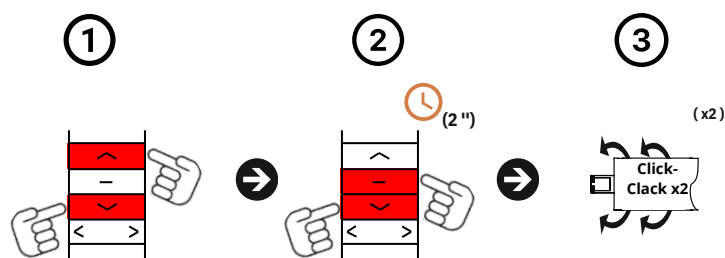
---

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.**

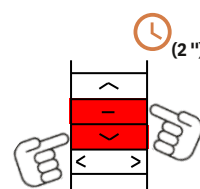
### 3. PROGRAM THE DOWNHILL LIMIT SWITCH



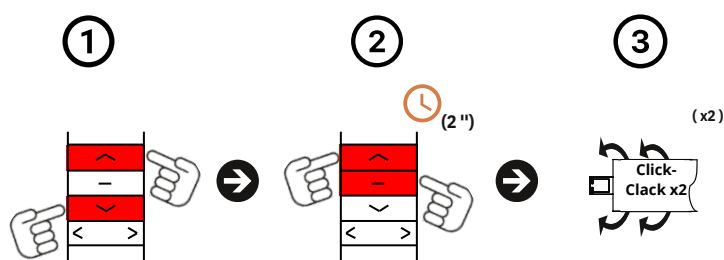
#### Procedure:

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.**



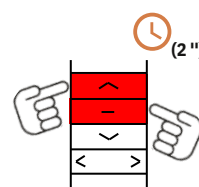
### 4. PROGRAM THE UPHILL LIMIT SWITCH



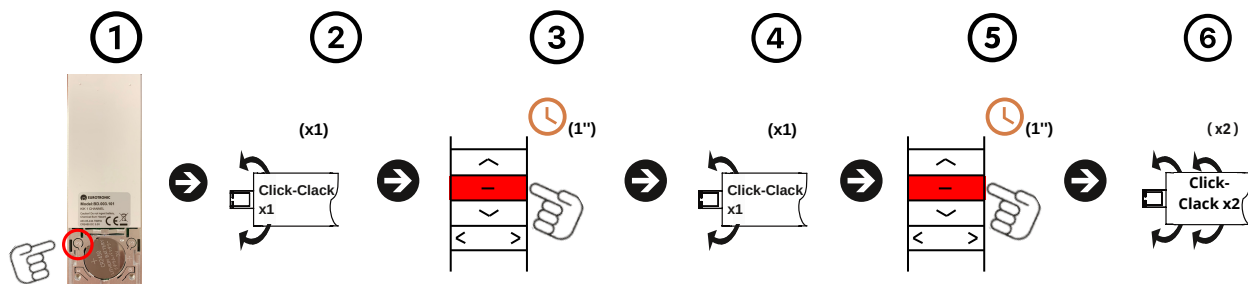
#### Procedure:

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

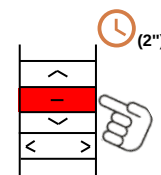


### Procedure:

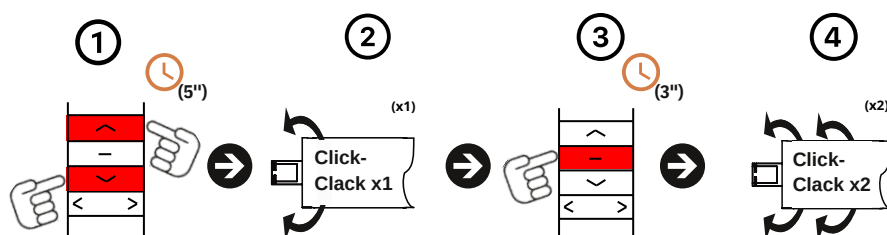
We will position the motor in the desired favorite position using the up or down button on the transmitter.

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:

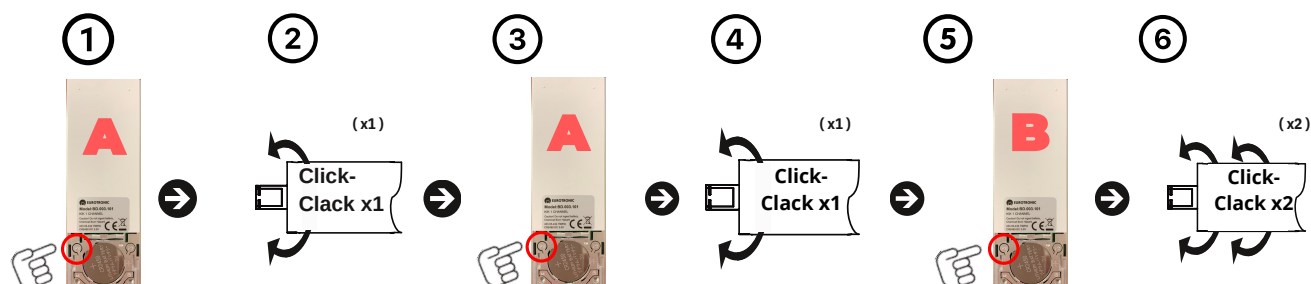
1. Press the transmitter's (UP + DOWN) buttons at the same time for five seconds (5'').
2. The motor will make a "CLICK-CLACK" sound (x1) and a beep sound (x1).
3. Press the (STOP) button once (x1) to confirm.

- 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/REMOVE AN ADDITIONAL TRANSMITTER

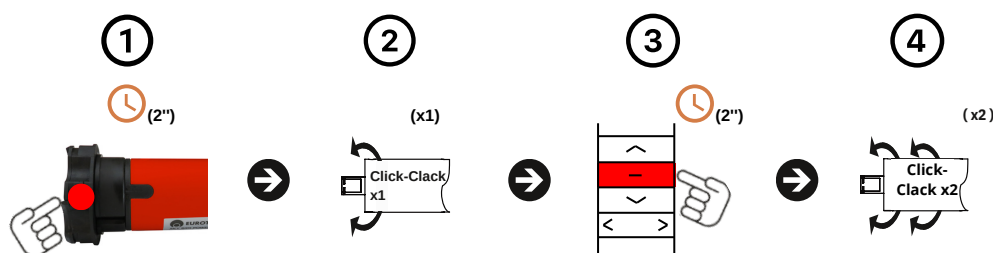
From the controller:



### 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:



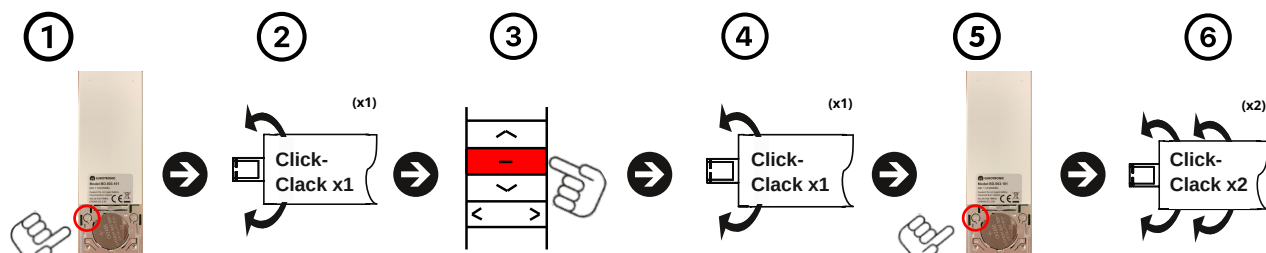
### Procedure:

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).

**Only available in 35mm model.**

You can use either process to remove a bound emitter.

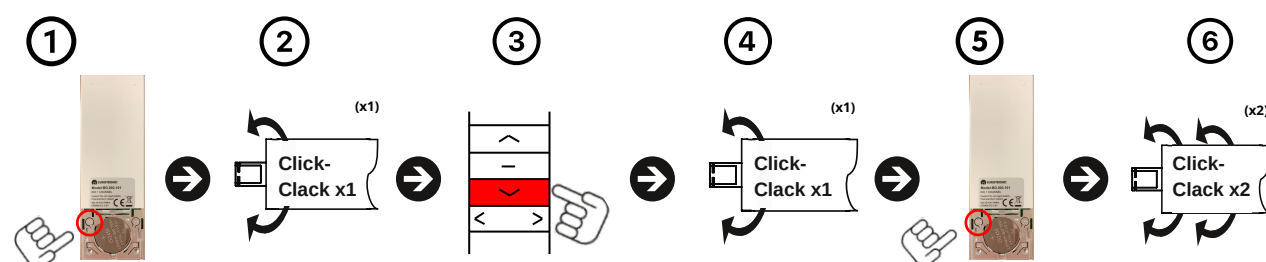
## 8. DELETE ALL TRANSMITTERS



### 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).

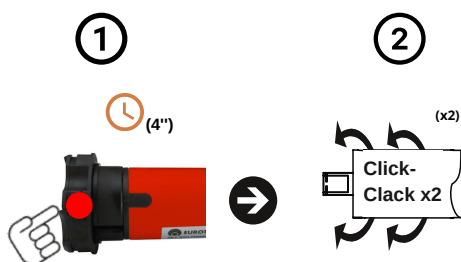
## 9. REMOVE ALL LIMIT SWITCHES



### 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

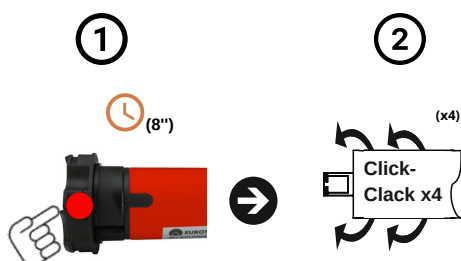


### Procedure:

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.**



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

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