CASTELLANOS DRAPERY HARDWARE

50 YEARS OF EXCELLENCE 1964-2014

DELIVERS
SILENCE

SUPER Sileo

Sileo

MOTORS BY GAPOSA

50 1969 - 2019

100% GENUINE ITALIAN

SUPER Sileo XS 30
Li_Ion WIRE FREE

Built-in radio receiver

Button for programming & sleep mode

Embedded rechargeable Li-Ion battery motor
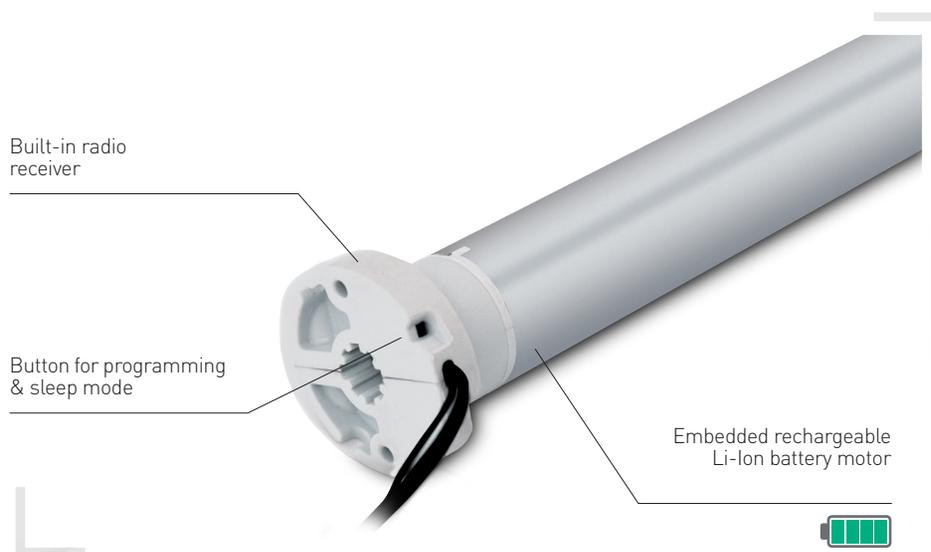
MAIN FEATURES

Models	XSDC3EZ030B	XSDC3EZ226B
Torque	1.1 Nm	2 Nm
Speed	30 rpm	26 rpm
Power	15 W	18 W
Amps	1.40 A	1.60 A
Limit switch	Electronic	Electronic
Max turns	70	70

TECHNICAL DATA

Voltage	12 VDC
Duty rating	45 sec ON / 1 min OFF
Radio frequency	434.15 MHz
Protection	IP30
Working temperature	14°F / 104°F
Insulation class	III

DIMENSIONS
in

Model	A
XSDC3EZ030B	21.06
XSDC3EZ226B	21.65

0.372

1.377

0.984

A

ø 1.456

SUPER SiLEO XS 30 DC 24V

Built-in radio receiver

Button for easy programming

DC motor
External power Supply
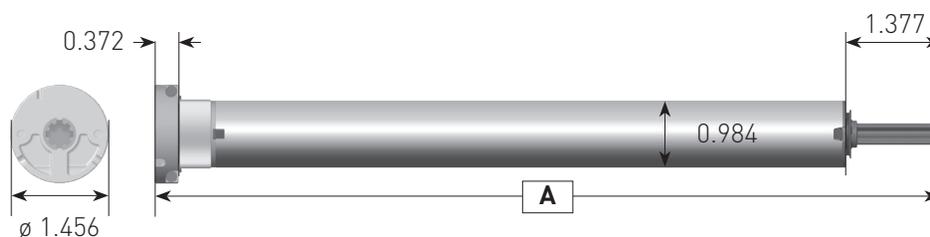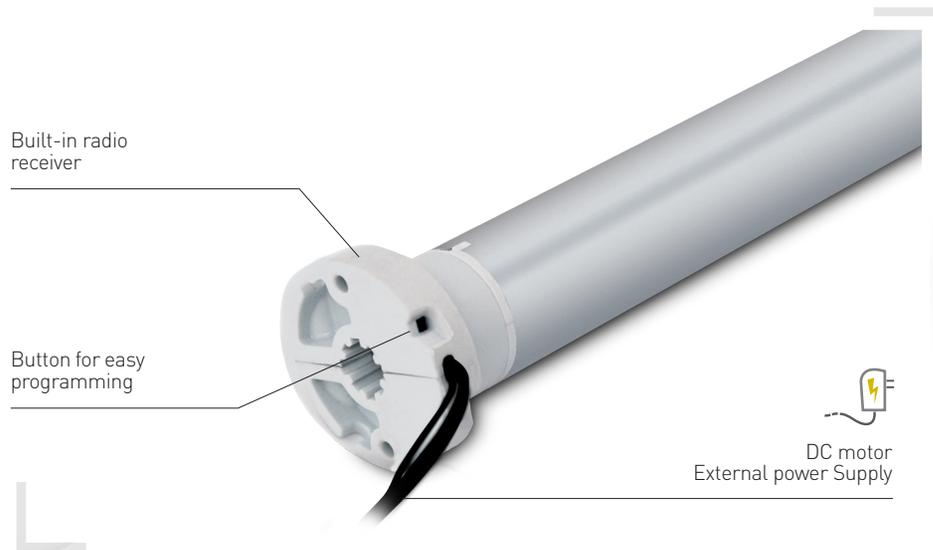
MAIN FEATURES

Models	XSDC3EZ128	XSDC3EZ228
Torque	1.5 Nm	2 Nm
Speed	28 rpm	28 rpm
Power	22 W	25 W
Amps	0.90 A	1.10 A
Limit switch	Electronic	Electronic
Max turns	35	35

TECHNICAL DATA

Voltage	24 VDC
Duty rating	45 sec ON / 1 min OFF
Radio frequency	434.15 MHz
Protection	IP30
Working temperature	14°F / 104°F
Insulation class	III

DIMENSIONS in

XSDC3EZ128

0.372
1.377
0.984
ø 1.456
13.78

XSDC3EZ228

0.372
1.377
1.102
ø 1.456
14.56

CASTELLANOS DRAPERY HARDWARE BY GAPOSA
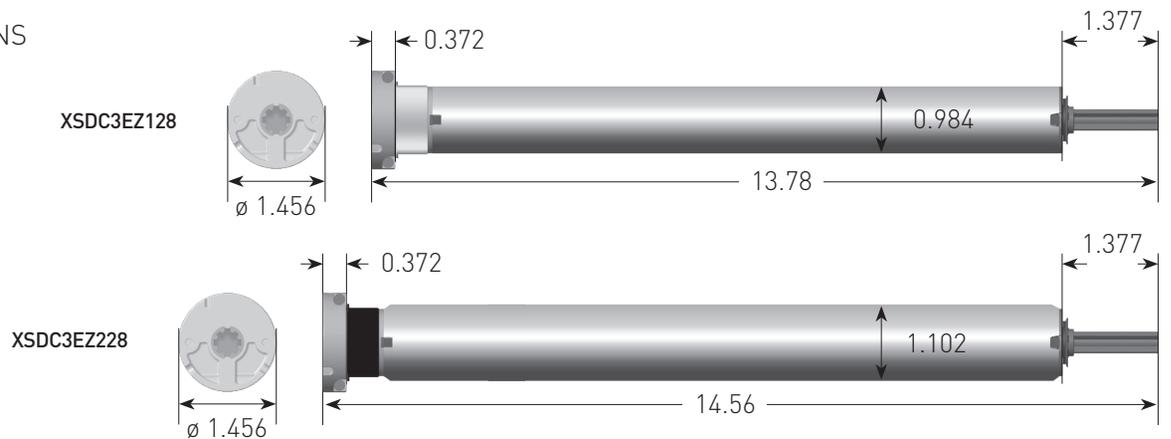
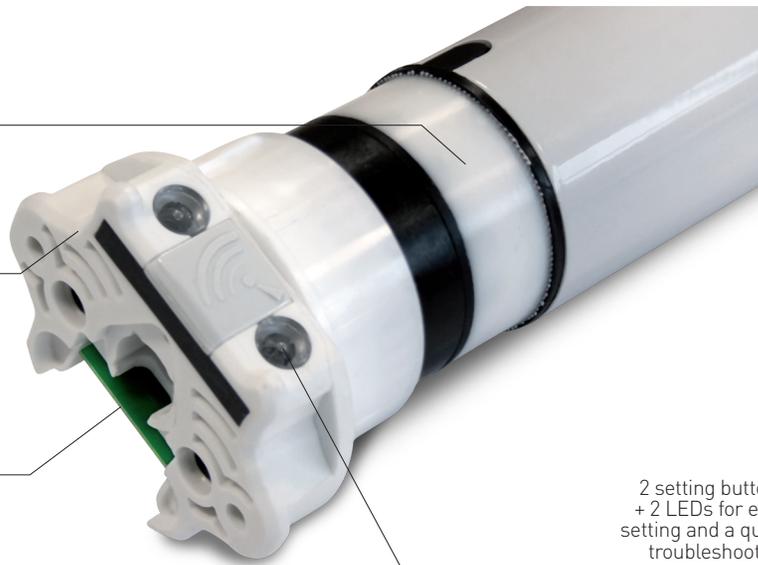# SUPER Sileo XS 50 DC 24V

DC motor,
External power supply

Built-in radio
receiver

- 6 pins connector:
  2 for power
  4 for control (dry contacts)
- Integrated antenna

2 setting buttons
+ 2 LEDs for easy
setting and a quick
troubleshooting

MAIN FEATURES

Models	XSDC5EZ428
Torque	4 Nm
Speed	28 rpm
Power	46 W
Amps	2 A
Limit switch	Electronic
Max turns	55

TECHNICAL DATA

Voltage	24 VDC
Duty rating	45 sec ON / 1 min OFF
Radio frequency	434.15 MHz
Protection	IP30
Working temperature	14°F / 104°F
Insulation class	III

DIMENSIONS in

Model	A
XSDC5EZ428	20.19

0.708

1.338

2.125

ø 1.771

2.362

A
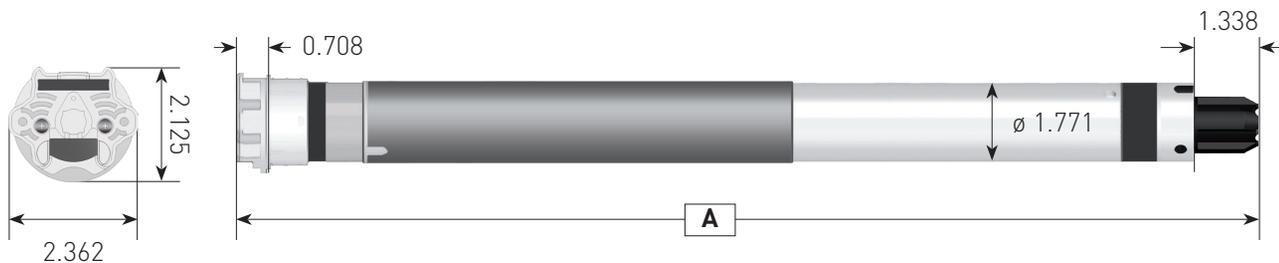
ACCESSORIES

► **BC312.US**
Li_Ion battery charger

Motors

XSDC3EZ228B
XSDC3EZ030B

► **TRASDC3.120**
Switching power
supply 2 Amps

Motors

XSDC3EZ128
XSDC3EZ228

► **TRAS.120**
Switching power supply 2,5 Amps

Motors

XSDC5EZ815
XSDC5EZ428

► **FLAX14W007.L1** (6.102 in)
FLAX14W007.L2 (4.803 in)
FLAX14W007.L3 (9.606 in)

Power cord extension with plugs (for DC battery motors)

► **FLAX13W070**

Plug-in power cable for XS50
motor without dry contacts

► **FLAX13W065**

Power cable for XS50
motor with dry
contacts

POWER DISTRIBUTION PANELS 24V DC

ARM4

Power supply for 4 XSDC30 motors

ARM5

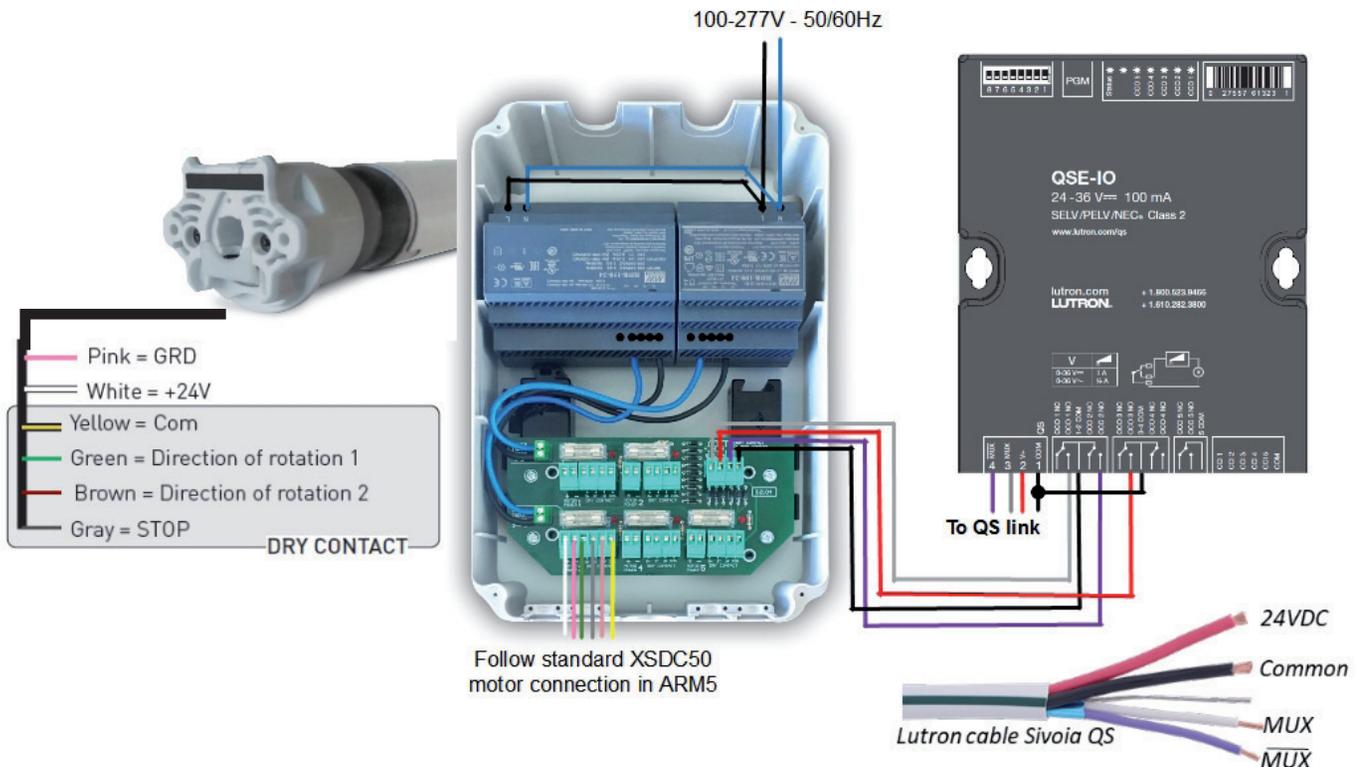Power supply for 5 XSDC50 motors with dry contact input for each motor and for group control

Technical details

	ARM4	ARM5
Input voltage	100-240Vac 50/60Hz	100-240Vac 50/60Hz
Amps	2.1 A	3.0 A
Output	4.5 A, 100 W	10 A, 250 W
Motor connections	4	5 (DC power) + 5 (Dry contact)
Working temperature	-10°F /+158°F	-10°F /+158°F
Protection fuse		4.0 A
Dimensions	5.236 x 8.188 x 3.149 in	12.008 x 8.268 x 4.724 in

100-277V - 50/60Hz

Pink = GRD
White = +24V
Yellow = Com
Green = Direction of rotation 1
Brown = Direction of rotation 2
Gray = STOP

DRY CONTACT

Follow standard XSDC50 motor connection in ARM5

QSE-IO
24-36 V⎓ 100 mA
SELV/PELV/NEC® Class 2
www.lutron.com/qs

lutron.com   + 1.800.523.9466
LUTRON.   + 1.610.282.3800

To QS link

24VDC
Common
MUX
MUX

Lutron cable Sivoia QS

CASTELLANOS DRAPERY HARDWARE BY GAPOSA

Sileo XS 40
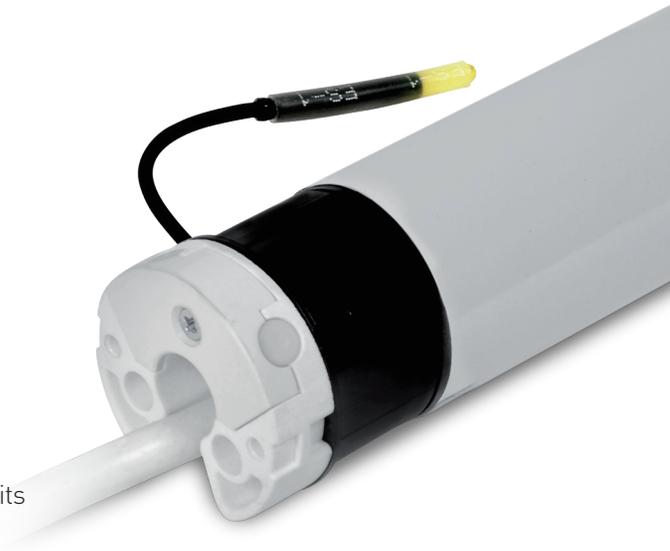
Line voltage X-quiet tubular motors

XS4EZ
Electronic encoded type with built-in radio receiver

SMART FEATURES

- ► Easy limit setting via radio
- ► Secure 434.15 MHz radio transmission
- ► Easy set up of group controls
- ► Up and down directions syncronized while setting the limits
- ► Noiseless soft brake

MAIN FEATURES

Models	XS4EZ334	XS4EZ624
Torque	3 Nm	6 Nm
Speed	34 rpm	24 rpm
Rated current	0.90 A	1.20 A
Limit switch max turns	160	160

TECHNICAL DATA

Power Supply	120 VAC / 60 Hz
Working temperature	14°F / 104°F
Duty rating	45 sec ON / 1 min OFF
Radio frequency	434.15 MHz
Protection	IP44

Standard cable length   8 ft

- 4x18 AWG White - Neutral
- 4x18 AWG Green - Ground
- 4x18 AWG Black

DIMENSIONS in

Model	A	Model	A
XS4EZ334	23.66	XS4EZ624	25.03

ø 1.456   ←0.472   ø 1.377   A   1.377

CASTELLANOS DRAPERY HARDWARE BY GAPOSA

Sileo XS 50

Line voltage
X-quiet tubular motors
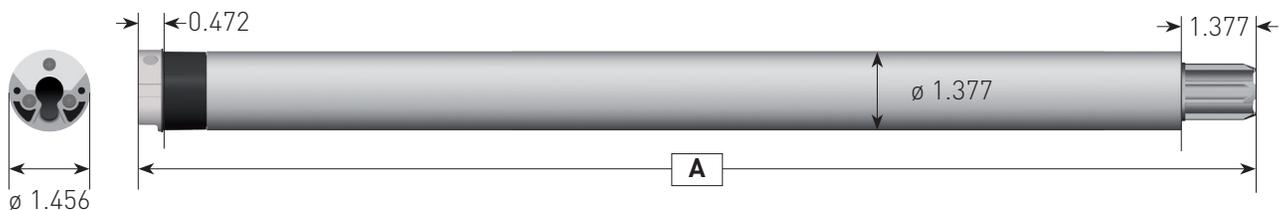
XS5EZ
Electronic encoded type with built-in radio receiver

SMART FEATURES

- ▸ Easy limit setting via radio
- ▸ Secure 434.15 MHz radio transmission
- ▸ Easy set up of group controls
- ▸ Up and down directions syncronized while setting the limits
- ▸ Wireless connection with climatic sensors
- ▸ Noiseless soft brake
- ▸ Plug-in cable

MAIN FEATURES

Models	XS5EZ525
Torque	5 Nm
Speed	25 rpm
Rated current	0.9 A
Limit switch max turns	80

TECHNICAL DATA

Power Supply	120 VAC / 60 Hz
Working temperature	14°F / 104°F
Duty rating	45 sec ON / 1 min OFF
Radio frequency	434.15 MHz
Protection	IP44

Standard cable length   8 ft

	4x18 AWG	White - Neutral
	4x18 AWG	Green - Ground
	4x18 AWG	Black

DIMENSIONS in

Model	A
XS5EZ525	21.29
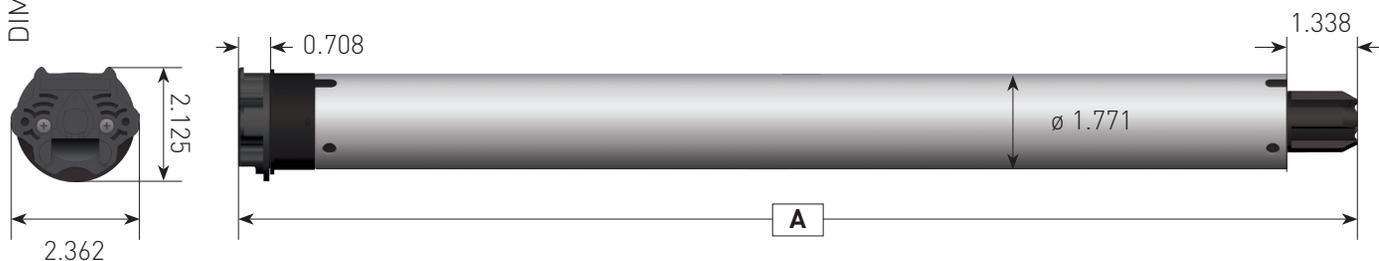
0.708

2.125

2.362

ø 1.771

1.338

A

Sileo XQ 50

Line voltage quiet tubular motors

XQ5EZ
Electronic encoded type with built-in radio receiver

SMART FEATURES

- ▸ Easy limit setting via radio
- ▸ Secure 434.15 MHz radio transmission
- ▸ Easy set up of group controls
- ▸ Up and down directions syncronized while setting the limits
- ▸ Wireless connection with climatic sensors
- ▸ Noiseless soft brake
- ▸ Plug-in cable

MAIN FEATURES

Models	XQ4EZ634	XQ4EZ934
Torque	6 Nm	9 Nm
Speed	34 rpm	34 rpm
Rated current	0.90 A	1.10 A
Limit switch max turns	80	80

TECHNICAL DATA

Power Supply	120 VAC / 60 Hz
Working temperature	14°F / 104°F
Duty rating	45 sec ON / 1 min OFF
Radio frequency	434.15 MHz
Protection	IP44

Standard cable length 8 ft

4x18 AWG White - Neutral
4x18 AWG Green - Ground
4x18 AWG Black

DIMENSIONS in

Model	A	Model	A
XQ5EZ634	21.37	XQ5EZ934	22.59

0.708   1.338
2.125
ø 1.771
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A

CASTELLANOS DRAPERY HARDWARE BY GAPOSA

XQ50 SENSE ZIP

Tubular motors with obstacle detection and automatic limit setting for *ZIP-screens*
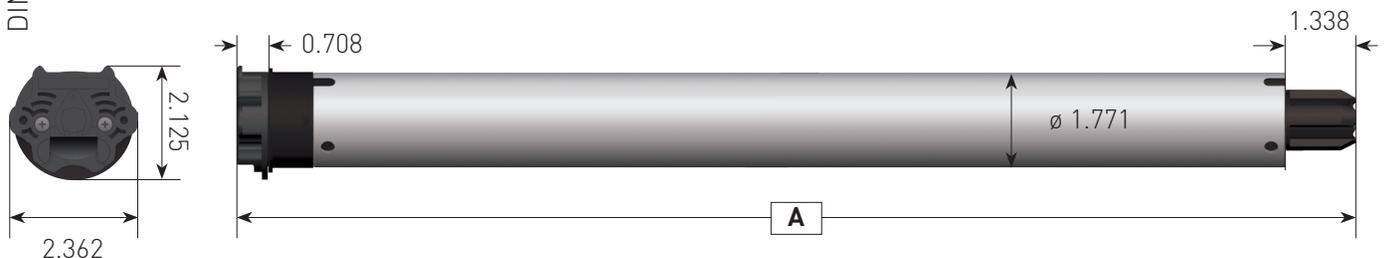
XQ5**EZ** Electronic encoded type with built-in radio receiver

SMART FEATURES

- Downwards sensitive obstacle detection
- 3 attempts to identify the physical obstacle before stopping
- Smart reaction to gusts of wind: stop/reverse and downwards again
- Overload protection upwards
- Soft touch and slight release at the up limit position
- Continuous fabric length compensation
- 3 setting modes: automatic, semi-automatic, manual
- Self-learning limit positions when set in automatic mode
- Available in XS type for the quietest operation
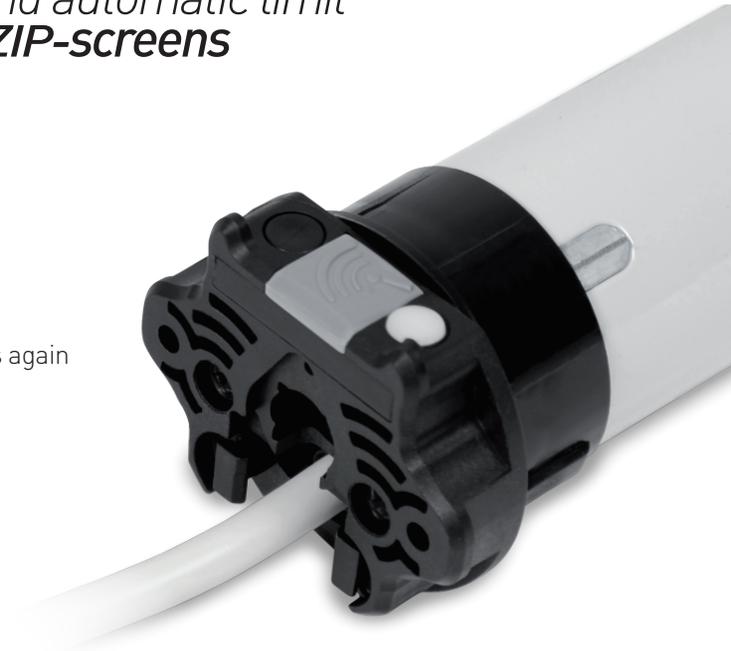
MAIN FEATURES

Models	XQ5EZ2521	XQ5EZ4016
Torque	25 Nm	40 Nm
Speed	21 rpm	16 rpm
Rated current	1.60 A	1.80 A
Limit switch max turns	80	80

TECHNICAL DATA

Power Supply	120 VAC / 60 Hz
Working temperature	14°F / 104°F
Duty rating	45 sec ON / 1 min OFF
Radio frequency	434.15 MHz
Protection	IP44

Standard cable length   8 ft

4x18 AWG White - Neutral
4x18 AWG Green - Ground
4x18 AWG Black

DIMENSIONS in

0.708
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2.362
ø 1.771
24.33

XQ50 SHSM *Super high speed motor*

XQ5EZ
Electronic encoded type with built-in radio receiver

SMART FEATURES

➤ Easy limit setting via radio

➤ Secure 434.15 MHz radio transmission

➤ Easy set up of group controls

➤ Up and down directions syncronized while setting the limits

➤ Wireless connection with climatic sensors

➤ Noiseless soft brake

➤ Plug-in cable

MAIN FEATURES
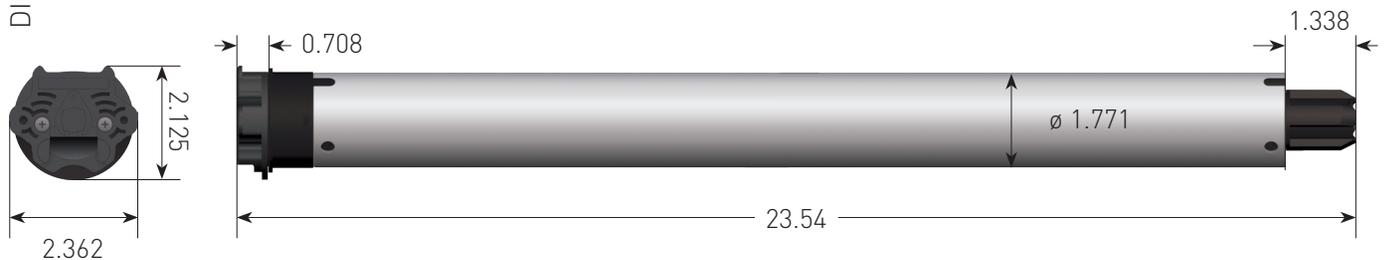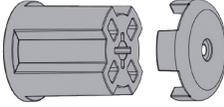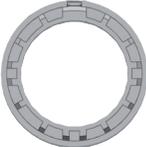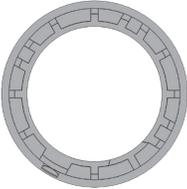
Models	XQ5EZ790 SHSM
Torque	7 Nm
Speed	90 rpm
Rated current	1.80 A
Limit switch max turns	80

TECHNICAL DATA

Power Supply	120 VAC / 60 Hz
Working temperature	14°F / 104°F
Duty rating	45 sec ON / 1 min OFF
Radio frequency	434.15 MHz
Protection	IP44

Standard cable length   8 ft

4x18 AWG White - Neutral
4x18 AWG Green - Ground
4x18 AWG Black

DIMENSIONS mm

0.708
2.125
2.362
1.338
ø 1.771
23.54

ADAPTERS

■ DC30 range motors

Drive wheel	Crown adapter		
	Code: AX3.01P138 *Tube*: Round tube 1"-½ /38 mm		AXRRF3 ADAPTOR FROM XSDC30 TO XS/XQ40 MOTOR CROWN

■ 40 range motors

Drive wheel	Crown adapter		Drive wheel	Crown adapter	
	Code: AX4.01P061 *Tube*: Round for 2"/50mm			*Code*: AX4.01P078 *Tube*: Round for 48mm	
	Code: AXRRF4 ADAPTOR FROM XQ40 TO XQ50 MOTOR CROWN				

■ 50 range motors

Drive wheel	Crown adapter		Drive wheel	Crown adapter	
	Code: AXR50 *Tube*: Round 2"/50 mm			*Code*: AXO6.EC *Tube*: Round 2"-½/73 mm	
	Code: AX5.01P079 *Tube*: Round 2"/50 mm with grooves			*Code*: AX5.01P205 *Tube*: Round 3"-¼/83 mm	
	Code: AXGS78M *Tube*: 2.75" with grooves				
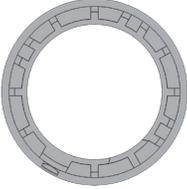
TRANSMITTERS

EMITTO SMART LINE

Emitto **SMART LINE** is the new range of portable and wall transmitters for the control of residential motorization. Emitto **SMART LINE** is flexible, expandable, simple to use. Emitto **SMART LINE** multi channel transmitters are designed for a quick and intuitive control:Direct Function Buttons only - NO selection buttons
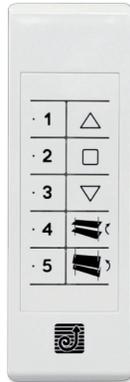
QCTZ01H
Portable - 1 Channel
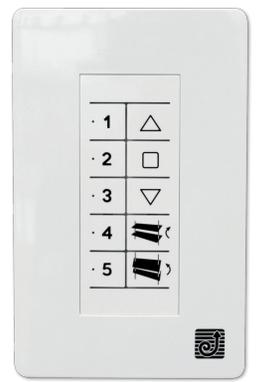
QCTZ02H
Portable - PRESET / ALL

QCTZ04H
Portable - TILTING

QCTZ01D
Wall-mounted Dekora - 1 Channel

QCTZ02D
Wall-mounted Dekora- PRESET / ALL

QCTZ04D
Wall-mounted Dekora - TILTING

QCTZ01W
Wall-mounted - 1 Channel

QCTZ02W
Wall-mounted - PRESET / ALL
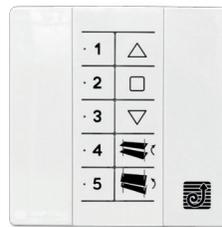
QCTZ04W
Wall-mounted- TILTING

Technical details

Channels	1 to 5
Frequency	434.15 MHz
Power supply	3V mod. CR2032
Battery life	2 years
Radiated power	0,150 mW
Protection rate	IP40
Coverage (int/ext)	65 / 600 ft
Encoding	RC Gaposa
Working temperature	14°F / 104°F

EMITTO

QCTDZ

Multifunction transmitter with 90-channels display

- Programmable functions
- Digital clock
- Timer
- 6 groups of 15 channels each

Technical details

Channels	90
Frequency	434.15 MHz
Power supply	3V - CR2450
Battery life	2 years
Radiated power	0,150 mW
Protection rate	IP40
Coverage (int/ext)	65 / 600 ft
Encoding	RC Gaposa
Working temperature	14°F / 104°F
Dimensions	1.85x4.92x0.70 in
Weight	0.14 lb

QCZTAB

QCZTAB is a portable surface-mounted transmitter with interchangeable frame. It is available in 2 versions: single channel or four channels.
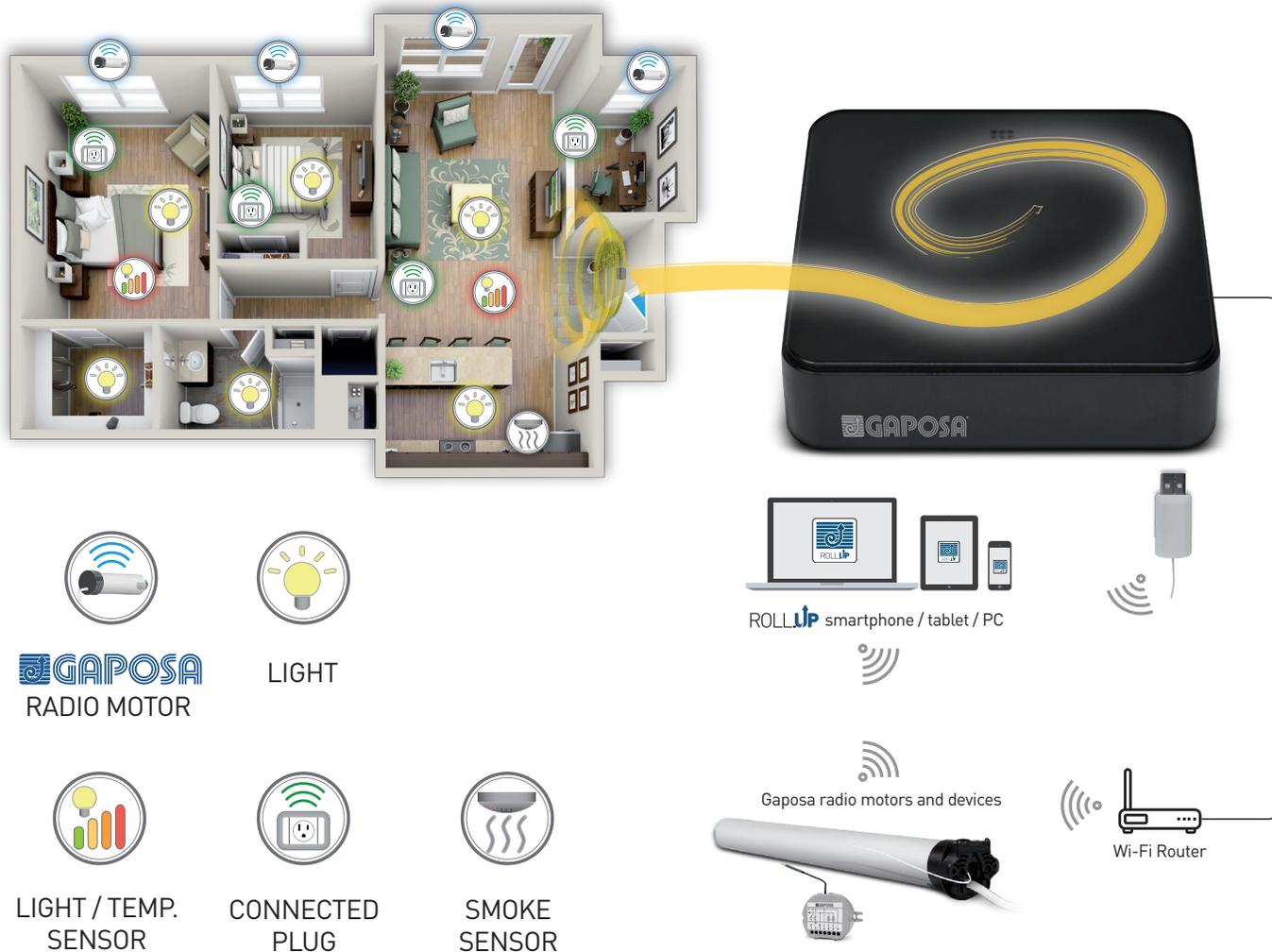
QCZTAB
1 channel transmitter

QCZTAB4
4 channels transmitter

Technical details

	QCZTAB	QCZTAB4
Channels	1	4
Frequency	434,15 MHz	
Power supply	3V mod. CR2430	
Battery life	2 year	
Radiated power	0,150 mW	
Protection rate	IP40	
Coverage (int/ext)	65 / 600 ft	
Encoding	RC Gaposa	
Working temperature	14°F / 104°F	
Dimensions	3.14x3.14x0.55 in	
Weight	0.12 lb	

Home automation

GAPOSA
RADIO MOTOR

LIGHT

LIGHT / TEMP.
SENSOR

CONNECTED
PLUG

SMOKE
SENSOR

ROLL.UP smartphone / tablet / PC

Gaposa radio motors and devices

Wi-Fi Router

Features

- Information securely stored locally
- 3 types of scenarios for an ultra simple set up
- Simple and fast installation
- Vacation scenario with random feature
- Designed for Smartphone, tablets or PC
- No limits to the number of scenes and connected devices
- Autonomous server does not use Cloud technology
- Free remote access without any subscription
- Amazon's *Alexa* compatible

CASTELLANOS
DRAPERY HARDWARE BY **GAPOSA**

Gaposa 3ʳᵈ party integration via dry contacts
with: *Lutron, Savant, Control4, Crestron*

QCTZ3SDU
1 channel

QCTZ36SDU
6 channels

Panels with integrated transmitter enables to interface a radio motors with a home automation system. In this way, the home automation system will control the radio motor(s) through the UP/STOP/DOWN signals.

Power supply	120V~ - 60 Hz (±10%)
Frequency	434.15 MHz
Fuse	315 mA
Protection rate	IP44
Working temp.	14... 140 °F

RS232 integration + WiFi coming soon

linkIT

Models

- ▢ linkIT-US8   8 channels (434.15 MHz)
- ▢ linkIT-US16   16 channels (434.15 MHz)

Control

- ▢ 8-16 blinds or groups per device
- ▢ Up – Down – Stop
- ▢ Intermediate position
- ▢ Tilting

Applications

- ▢ Control4 driver
- ▢ Crestron via RS232
- ▢ Lutron via RS232

Integrations

- ▢ RS232 via RJ45
- ▢ TC/IP/Wi-Fi (Q1, 2020)

Hardware

- ▢ Very small dimensions (80x55x24 mm)
- ▢ Visible feedback
- ▢ Exterior antenna for increased range
- ▢ LED for power
- ▢ Upgradable
- ▢ Interconnectable
- ▢ 5V power input

PROGRAMMING QUICK GUIDE
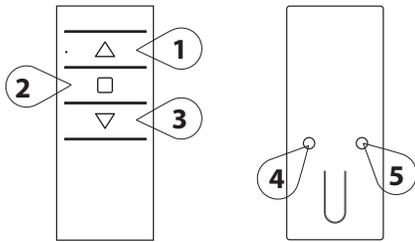
The buttons shown on the left are used to program the transmitters and specific channels. The programing button's (buttons 4 and 5) locations can be placed differently depending on the transmitter model. Shown in this guide is the Emitto Slim line transmitter.

UP *(1)*   the motor lifts the rolling shade/awning up
STOP *(2)*   the rolling shade/awning stops
DOWN *(3)*   the rolling shade/awning goes down

SYNC *(4)*   program the transmitter
LIMIT *(5)*   set limits

CONNECT POWER TO THE MOTOR

OFF

ON
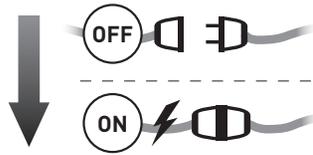
PROGRAMMING A TRANSMITTER (Sec. 1)

1 Press and hold **SYNC** button on the back of transmitter or the white button on the head of the motor until the motor starts moving

2 Check the motor rotation (**UP** or **DOWN**) then release the **SYNC** button or the white button (the motor now stops)

3 Within 5 seconds, press the corresponding button (**UP** if the motor turns upwards or **DOWN** if the motor turns downwards.) This will set the direction of the motor. If the incorrect button is pressed, the controls will be reversed. To fix, see Sec. 3.

Transmitter is now programmed

ADDING A NEW TRANSMITTER (Sec. 2)

1 Press and hold the **SYNC** button on the back of a transmitter **ALREADY** paired until the motor starts moving in one direction

2 Check the motor rotation (**UP** or **DOWN**) then release the **SYNC** button (the motor now stops)

3 Within 5 seconds, press the corresponding button (**UP** if the motor turns upwards or **DOWN** if the motor turns downwards) on the NEW transmitter being added. This will set the direction of the motor. If the incorrect button is pressed, the controls will be reversed. To fix, see Sec. 3.

Additional transmitter is now added

CHECKING / CHANGING DIRECTION (Sec. 3)

To check the direction, press the UP or DOWN button. The motor will go UP or DOWN accordingly, if the direction needs to be changed:

1 Press and hold the SYNC button on the back of transmitter until the motor starts moving

2 Press the STOP button; the motor makes a brief jog. The direction of the motor has been reversed

IMPORTANT: the change of direction of procedure must be performed before initiating the limit setting procedure, otherwise limits are reset.
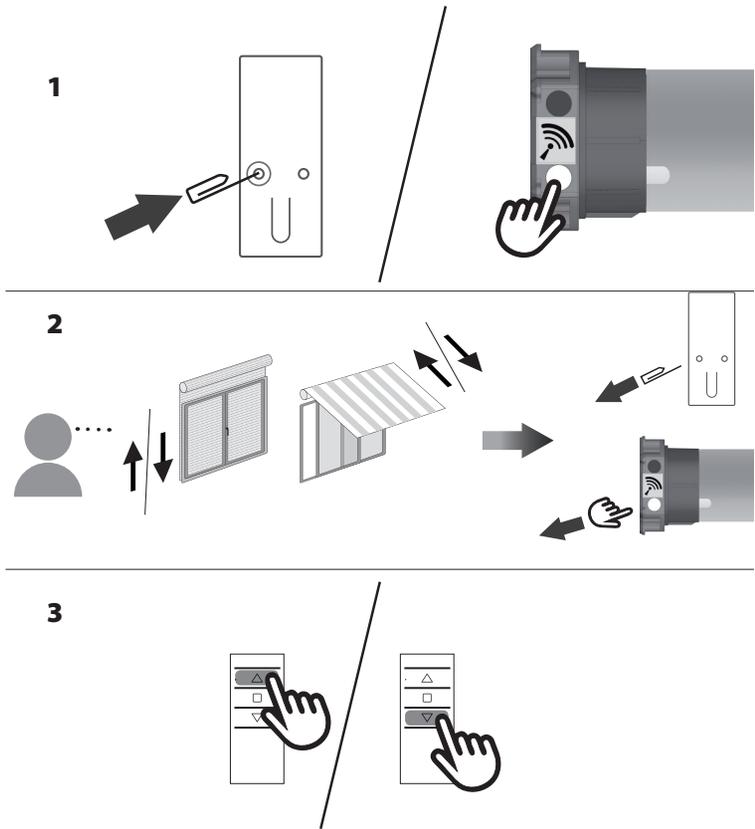
SETTING THE LIMITS (Sec. 4)
## IT IS MANDATORY TO SET THE "UP" LIMIT FIRST EVERY TIME

Run the motor to an intermediate position inbetween the two desired limits. The motor needs to move in the direction of the limit in order for the limit to be properly set.

1 Press and hold the LIMIT button on the back of transmitter until the motor makes a brief jog

Note: during "limit setting mode" the operations are in "deadman control" (The UP and DOWN buttons must be held down inorder to move the motor.)

2 Press and hold the UP button and run the motor to the desired UP limit position.

3 Press the STOP button to set the UP limit position. The motor makes a brief jog to confirm.

4 Press and hold the DOWN button and run the motor to the ù desired DOWN limit position

5 Press the STOP button to set the DOWN limit position. The motor makes a brief jog to confirm.

Note: Accurate limit setting can be performed by pressing the LIMIT button a second time: the motor will then will reduce its output speed, moving slowly in steps towards the desired limit. Always press the STOP button to set the limit position.
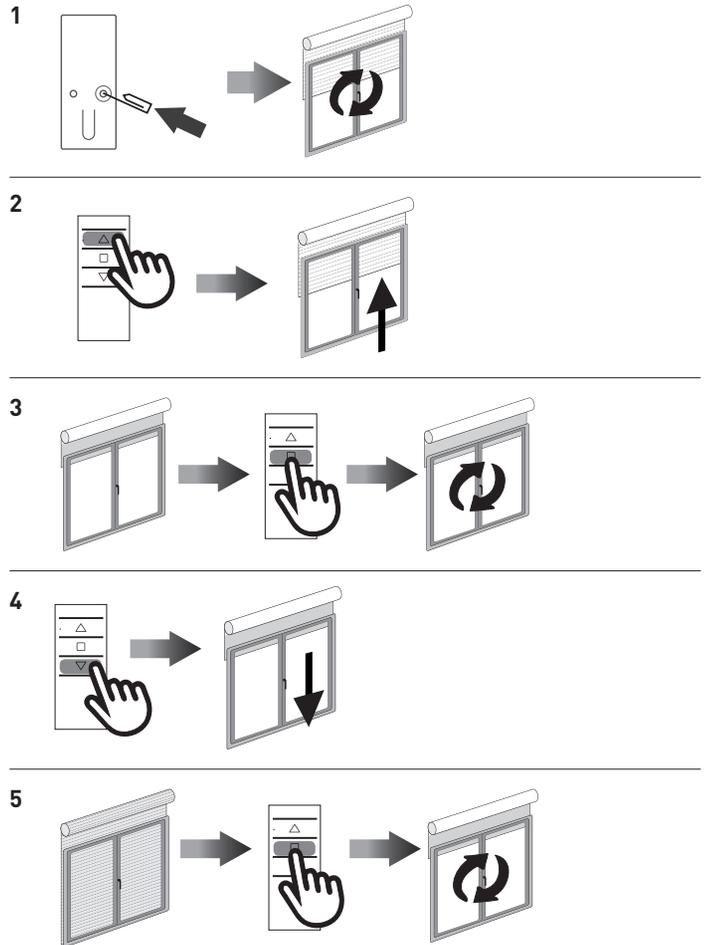
SETTING THE LIMITS INDIVIDUALLY (Sec. 5)

If the limits need to be changed after the initial limit setting procedure, it is possible to change the limit positions individually. One limit can be set without the other limit needing to be set. The motor can be in any postion to initiate the procedure.

TO CHANGE THE UP LIMIT:

1 From any point between the existing limits, press and hold both the LIMIT button and the UP button until the motor makes a brief jog.

Note:during "limit setting mode" the operations are in "deadman control" (The UP and DOWN buttons must be held down inorder to move the motor.)

2 Press and hold the UP button until the desired new UP limit is reached.

3 Press the STOP button to set the limit. The motor makes a brief jog to confirm. The new UP limit is set.
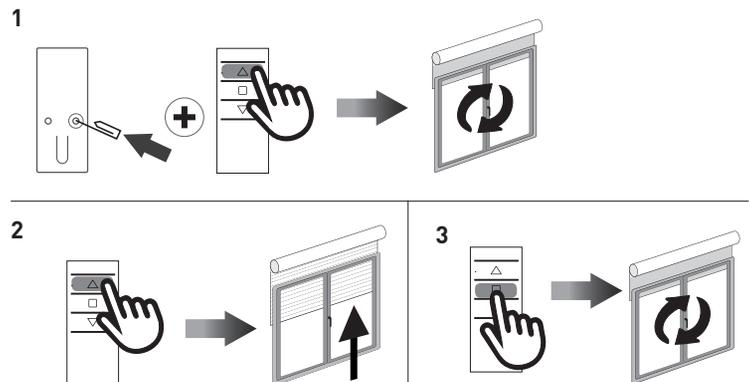

TO CHANGE THE DOWN LIMIT:

1 From any point between the existing limits, press and hold both the LIMIT button and the DOWN button until the motor makes a brief jog.

Note: during "limit setting mode" the operations are in "deadman control" (The UP and DOWN buttons must be held down inorder to move the motor.)

2 Press and hold the DOWN button until the desired new DOWN limit is reached

3 Press the STOP button to set the limit. The motor makes a brief jog to confirm. The new DOWN limit is set.
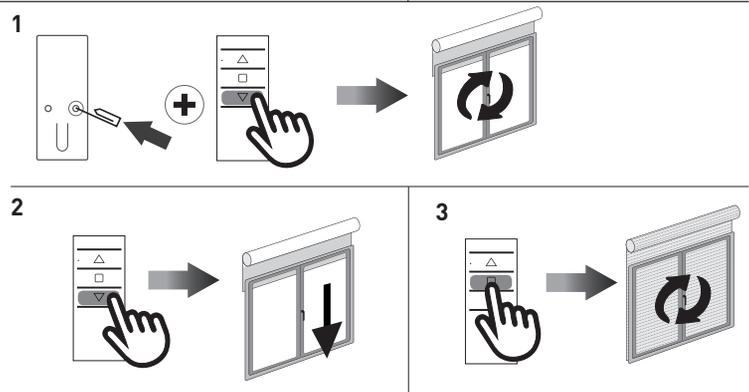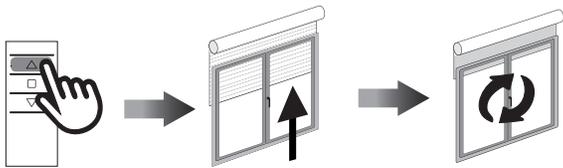
AUTOMATIC SETTING OF THE LIMITS (Sec. 6)

For limits set with torque sensor (mechanical stop of shutters or cassette awnings/shades), press and hold the UP button until the bottom bar hits the cassette or shutter box. A short jog will indicate that the UP position has been memorized.
The same procedure can be followed for the DOWN limit but only for roller shutters.
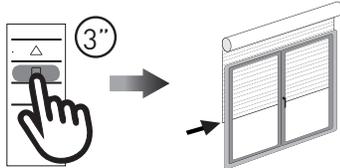
PREFERRED POSITION (Sec. 7)

1. SETTING AN PREFERRED POSITION
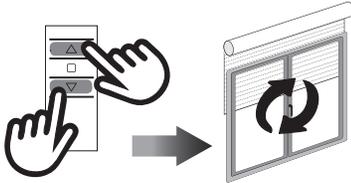
Operate the motor to and stop it at the desired intermediate position, then press both the UP and DOWN buttons together until the motor makes a brief jog to confirm.

The intermediate position is now set.

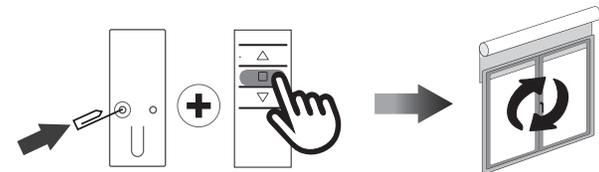### 2. RECALLING THE PREFERRED POSITION

Press and hold the STOP button for 3 seconds: the motor will move to and stop at the intermediate position.

3. ERASING THE PREFERRED POSITION
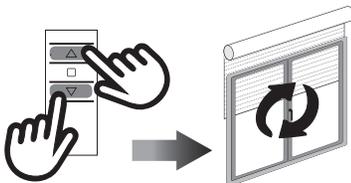
Press both the UP and DOWN buttons until the motor makes a brief jog to confirm.
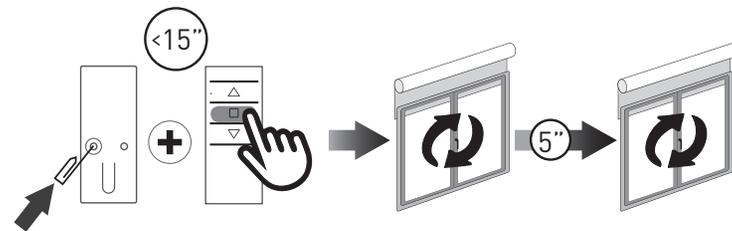
The intermediate position is now erased.

DELETING A TRANSMITTER OR A CHANNEL (Sec. 8)

Using the transmitter to be deleted press and hold both the SYNC and STOP buttons untill the motor makes a brief jog to confirm.

Only the transmitter used for this procedure has been deleted from motor memory

RESET TRANSMITTER MEMORY (Sec. 9)
(DELETING ALL THE TRANSMITTERS OR CHANNELS OR SENSORS)

Option 1 - Using a programmed transmitter

Press and hold both the SYNC and STOP buttons for at least 15 seconds: to confim that the operation has completed, the motor first makes a brief jog and after 5 seconds it makes an additional jog. This operation will not be successful unless it makes both jogs.
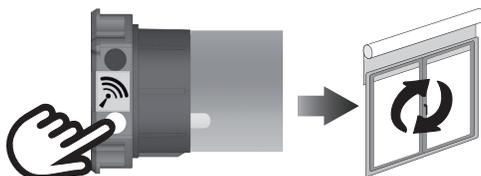
Memory is now empty
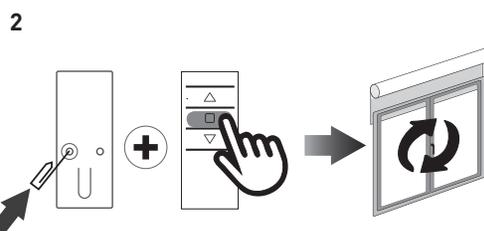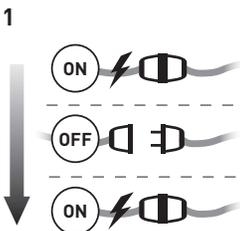
Option 2 - Using a new transmitter without ID (not paired).

1 Switch the power to the motor OFF, then switch it back ON.

2 Within 8 seconds, using any Gaposa transmitter, press and hold both the **SYNC** and **STOP** buttons until the motor makes a jog.

Memory is now empty

Option 3 - White button on the head of the motor

Press and hold the white button on the head of the motor until it makes a jog.

All transmitters have been erased.