



Motors and Control Systems

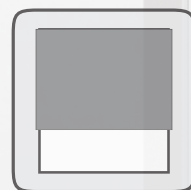
Interior Window Covering Motors 2025



Pioneering Window Shading Technology Since 1969
Ultra Quiet Motorization 100% Made in Italy

US Distribution: 2550 Blvd of the Generals, PA 19403
salesus@gaposa.com tel: 484-927-4385





ROLLER BLINDS & PROJECTION SCREENS

The **silent Sileo** and the **super-silent Sileo XS motor ranges** have been especially designed for the roller blinds and projection screen markets. They perfectly represent the high level of engineering reached by Gaposa's R&D department. The high quality level granted by an advanced technology and by a proprietary firmware provides full control on the silence performance of each motor.

SileoXS DC SileoXS SileoXQ



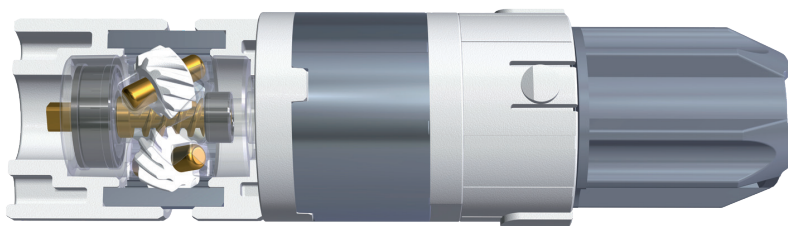
Generating comfort

Users are increasingly aware of technologies available today for the natural light modulation and the direct sun protection. They are demanding more and more comfort at their homes and at work and do not renounce to visual and acoustic comfort which strongly contribute to their well-being. The Gaposa quiet and ultraquiet motors enable silent operation of the shades in full harmony with their movements.



What makes the **XS** range so unique is the patented **planetary worm drive gearing, called Gearing Revolution**. It provides an ultra quiet motor operation without any constraint in using dampening components inside the motor or silent blocks to absorb the shade's vibrations. This exclusive gearing technology is available in all **DC** and **AC** motors having the "**XS**" part number.

Worm-planetary gearing



XSDC main features:

- ▶ Quiet operation
- ▶ Constant and controlled speed
- ▶ Start and stop speed-ramps
- ▶ Power saving
- ▶ Easy limits setting
- ▶ Easy and safe wiring connection
- ▶ Dry contact inputs

Sound level

⁽¹⁾ Average value of sound pressure recorded in an acoustic room at a distance of 1 m.

Note

Transducer and acquisition hardware:

- 1/2-inch prepolarized free-field condenser microphone, 50mVPa
- 24 bits 102.4 kS/S ±10 V

DC MODELS

	Torque (Nm)	Speed (rpm)	Db (A) ⁽¹⁾
XSDC3EZ030B/BI/BC/BE	1.1	30	36
XSDC3EZ226B/BI/BC/BE	2	26	38
XSDC3EZ128 / XSDC3DZ128	1.5	28	38
XSDC3EZ228 / XSDC3DZ228	2	28	38
XSDC4EZ326B	3	18-28	/
XQDC4EZ615B	6	15	39
XSDC5EZ326B	3	26	34
XSDC5EZ615B	6	15	39
XSDC5DZ428 / XSDC5ED428	4	28	34
XSDC5DZ815 / XSDC5ED815	8	15	39

AC MODELS

	Torque (Nm)	Speed (rpm)	Db (A) ⁽¹⁾
XS4EZ334 / XS4E334 / XS4P334	3	30	39
XS4EZ624 / XS4E624 / XS4P624	6	20	39
XQ5EZ634 / XQ5E634 / XQ5P634	5	30	42
XQ5EZ934 / XQ5E934 / XQ5P934	9	26	46

XSDC3 EZ B

Electronic encoded type with built-in radio receiver and Li-Ion battery

Built-in radio receiver

Button for programming & sleep mode

Charging cable

XSDC3EZ030B
XSDC3EZ226B

Alternative motor head with **integrated antenna and charging plug** also available:

XSDC3EZ030RO
XSDC3EZ226RO

Integrated charging socket

Button for programming & sleep mode

Integrated antenna

MAIN FEATURES

Models

	XSDC3EZ030B XSDC3EZ030RO	XSDC3EZ226B XSDC3EZ226RO
Torque	1.1 Nm	2 Nm
Speed	30 rpm	26 rpm
Power	15 W	18 W
Current	1.40 A	1.60 A
Limit switch	Electronic	Electronic
Max turns	70	70

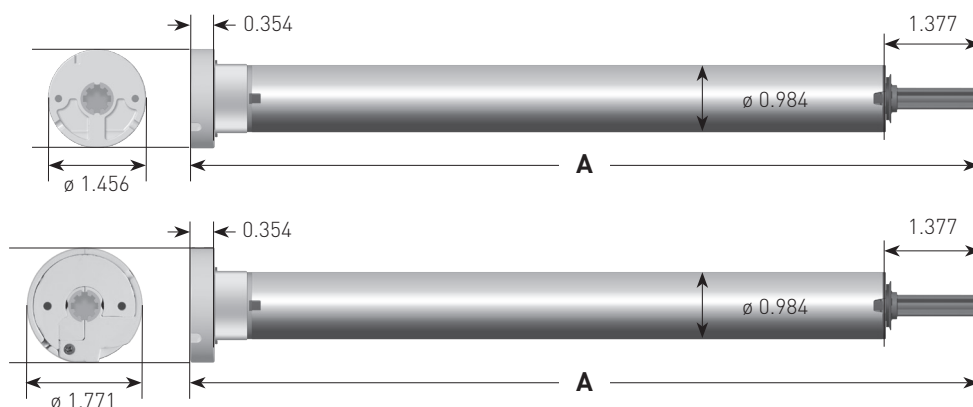
TECHNICAL DATA

Voltage	12 VDC
Duty rating	6 min
Radio frequency	434.15 MHz
Protection	IP30
Working temperature	14°F / 104°F
Insulation class	III

DIMENSIONS in

Model	A
XSDC3EZ030B	20.94
XSDC3EZ226B	21.77

Model	A
XSDC3EZ030RO	20.94
XSDC3EZ226RO	21.77



Integrated charging socket

Integrated antenna

Button for programming & sleep mode



Embedded rechargeable
Li-Ion battery motor

XSDC3 EZ BE

Electronic encoded type with built-in
radio receiver and Li-Ion battery

MAIN FEATURES

Models

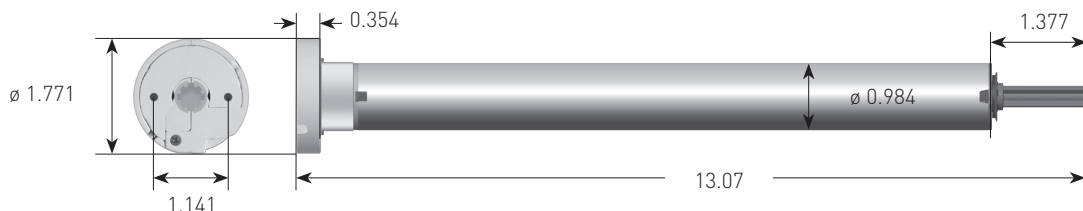
XSDC3EZ030BE

Torque	1.1 Nm
Speed	30 rpm
Power	15 W
Current	1.40 A
Limit switch	Electronic
Max turns	70

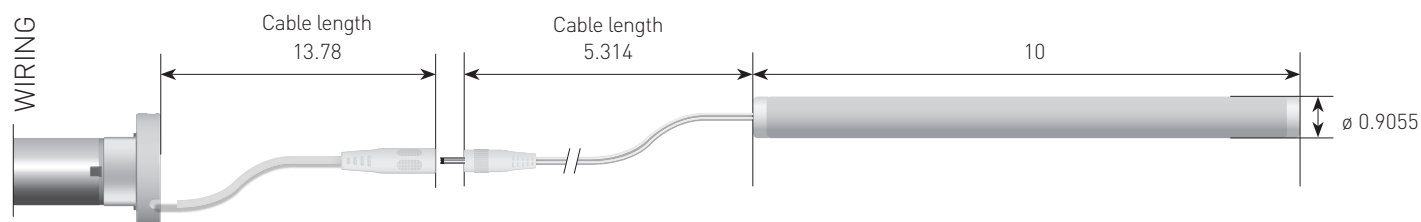
TECHNICAL DATA

Voltage	12 VDC
Duty rating	6 min
Radio frequency	434.15 MHz
Protection	IP30
Working temperature	14°F / 104°F
Insulation class	III

DIMENSIONS in



WIRING



XSDC3 EZ

Electronic encoded type
with built-in radio receiver

XSDC3 DZ

Electronic encoded type with built-in
radio receiver and dry contacts

XSDC3 ED

Electronic encoded
with dry contacts

Built-in radio
receiver

Button for
programming

DC motor version
External power Supply

MAIN FEATURES

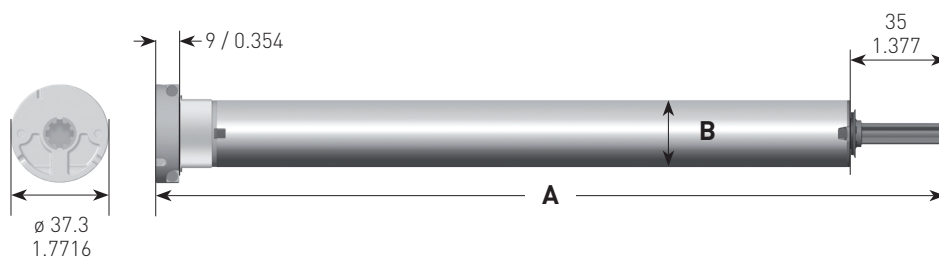
Models	XSDC3EZ128 XSDC3DZ128 XSDC3ED128	XSDC3EZ228 XSDC3DZ228 XSDC3ED228
Torque	1.5 Nm	2 Nm
Speed	28 rpm	28 rpm
Power	22 W	25 W
Amps	0.90 A	1.10 A
Limit switch	Electronic	Electronic
Max turns	35	35

TECHNICAL DATA

Voltage	24 VDC
Duty rating	6 min
Radio frequency (type EZ/DZ)	434.15 MHz
Protection	IP30
Working temperature	14°F / 104°F
Insulation class	III

DIMENSIONS mm/in

Model			A	ø B
XSDC3EZ128	XSDC3DZ128	XSDC3ED128	349 / 13.7402	25 / 0.9842
XSDC3EZ228	XSDC3DZ228	XSDC3ED228	368 / 14.4882	28 / 1.1023



Power cable (EZ)



Power/Dry contact cables (ED / DZ)



Maximum power cable lenght (to guarantee characteristics)

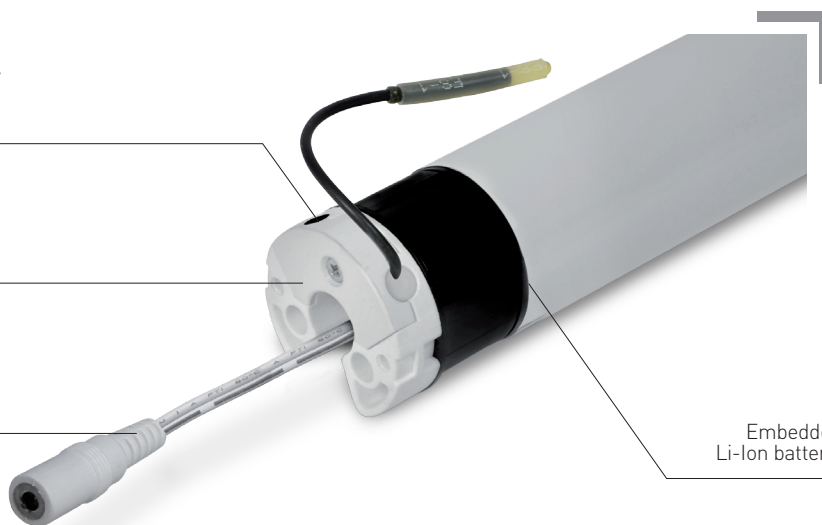
AWG 14	200 ft
AWG 16	115 ft
AWG 18	82 ft

Setting buttons for easy
setting and a quick
troubleshooting

Built-in radio
receiver

Charging cable

Embedded rechargeable
Li-Ion battery motor version



XSDC4 EZ B

Electronic encoded type with built-in
radio receiver and Li-Ion battery

Embedded rechargeable
Li-Ion battery motor

MAIN FEATURES

Models

Torque

3 Nm

6 Nm

Speed

18-28 rpm

15 rpm

Power

32 W

32 W

Amps

2.9 A

2.9 A

Limit switch

Electronic

Electronic

Max turns

55

34

TECHNICAL DATA

Voltage

12 VDC

Duty rating

6 min

Radio frequency

434.15 MHz

Protection

IP30

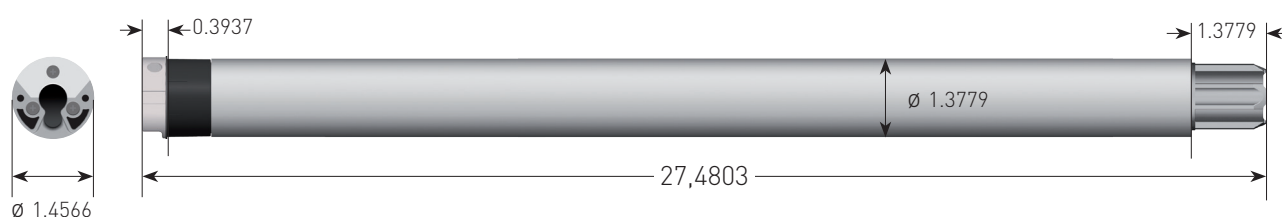
Working temperature

-10°C / +40°C

Insulation class

III

DIMENSIONS in



Embedded rechargeable
Li-Ion battery motor version

Built-in radio
receiver

Charging cable
Integrated antenna

Setting buttons
+ LED for easy
setting and a quick
troubleshooting

XSDC5 EZ B

Electronic encoded type with built-in
radio receiver and Li-Ion battery

Embedded rechargeable
Li-Ion battery motor

MAIN FEATURES

Models

Torque

3 Nm

6 Nm

Speed

26 rpm

15 rpm

Power

32 W

32 W

Amps

2.9 A

2.9 A

Limit switch

Electronic

Electronic

Max turns

55

34

TECHNICAL DATA

Voltage

12 VDC

Duty rating

6 min

Radio frequency

434.15 MHz

Protection

IP30

Working temperature

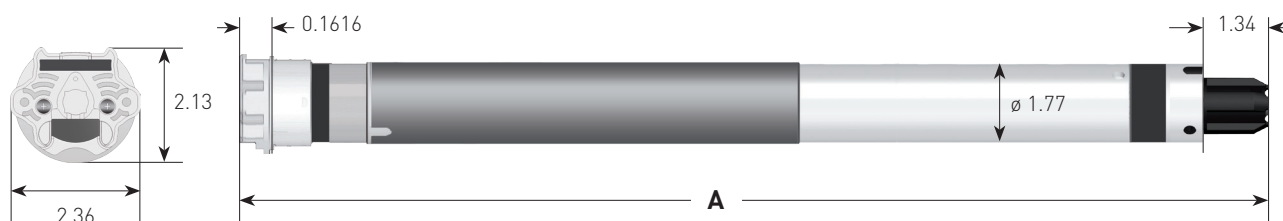
14°F / 104°F

Insulation class

III

DIMENSIONS mm

Model	A
XSDC5EZ326B	22.56
XSDC5EZ615B	22.68



ULTRA QUIET MOTORIZATION WITH EXTERNAL POWER SUPPLY

DC motor version
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

XSDC5 DZ

Electronic encoded type with built-in
radio receiver and dry contacts

XSDC5 ED

Electronic encoded with dry contacts

DC motor
External power Supply

Models

XSDC5DZ428
XSDC5ED428

XSDC5DZ815
XSDC5ED815

Torque

4 Nm

8 Nm

Speed

28 rpm

15 rpm

Power

46 W

60 W

Amps

2 A

2.5 A

Limit switch

Electronic

Electronic

Max turns

55

34

MAIN FEATURES

TECHNICAL DATA

Voltage

24 VDC

Duty rating

6 min

Radio frequency (type DX)

434.15 MHz

Protection

IP30

Working temperature

14°F / 104°F

Insulation class

III

OPTIONAL FLAX13W070

Plug-in power cable for
XSDC50 motor without
dry contacts

10,8267 in

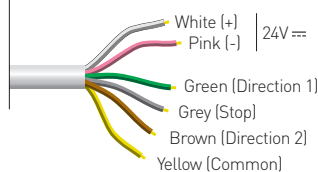


DIMENSIONS mm

Model	A	Model	A
XSDC5DZ428	20.12	XSDC5ED428	20.12
XSDC5DZ815	20.24	XSDC5ED815	20.24

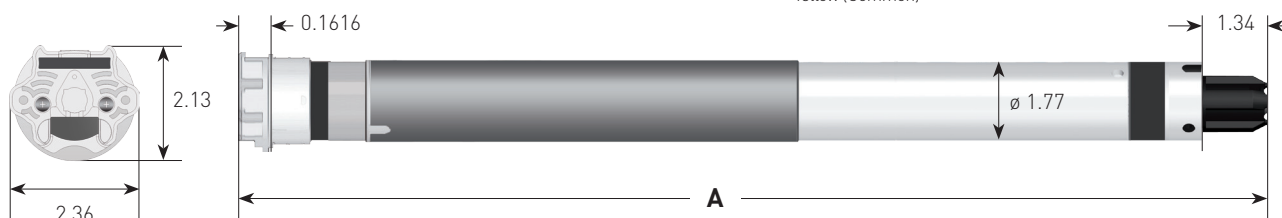
WIRING

Power/Dry contact cable (59,055 in)



Maximum power
cable lenght
(to guarantee characteristics)

AWG 14	200 ft
AWG 16	115 ft
AWG 18	82 ft



Accessories

BC12.USA

Li-Ion battery charger

Input: 100-240 VAC - 50/60 Hz - 0.5 A Max

Output: 12.6 VDC - 1000 mA

Dimensions: 1.5748 x 2.2834 x 1.2598 in

Cable length: 11.8110 in

Suitable for motors:

XSDC3EZ228B

XSDC3EZ030B



TRASDC3.120

Switching power supply 2 Amps

Input: 100-240 VAC - 50/60 Hz - 1.5 A Max

Output: 24 VDC - 2.0 A

Dimensions: 1.8110 x 3.4645 x 1.4960 in

Cable length: 11.8110 in

Suitable for motors:

XSDC3EZ128

XSDC3EZ228

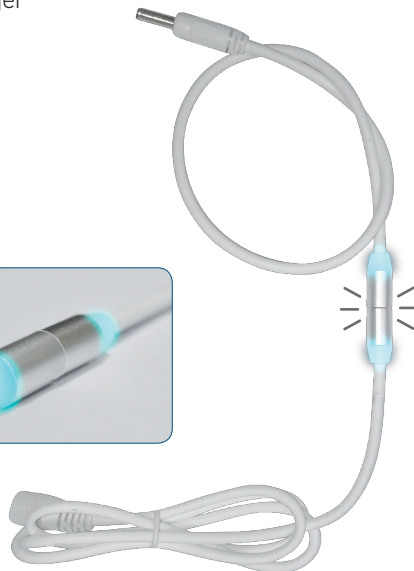


FLAXMC-LI

Charging kit with magnetic LED connectors in combination with BC12 battery charger (not included)



The charger is connected to the motor by bringing the two magnetic terminals closer together. Once the charge is complete, simply pull lightly to disconnect them. The magnetic connector LED indicates the charging status.



FLAX14W007.L1 (61,02362 in)

FLAX14W007.L2 (48,0315 in)

FLAX14W007.L3 (96,063 cm)

Power cord extension with plugs (for **AUTONOMO** motors)



TRAS.120

Switching power supply 2,5 Amps

Input: 100-240 VAC - 50/60 Hz

Output: 24 VDC 2.5 A

Dimensions: 4,6063 x 2,00787 x 1,25984 in

Cable length: 70,8661 + 64,9606 cm

Suitable for motors:

XSDC5EZ815

XSDC5EZ428



SPM10

Photovoltaic monocristalin panel

Max power current: 100 mA

Max power Voltage: 18 V

Maximum power: 1.8 W

Dimensions: 11.4960 x 1.8897 x 0.3937 in

Cable length: 2.3622 in



*Solar panel specially designed
to be installed indoors. Perfect when
there is no power outlet available.*



Power distribution panels 24V DC



ARM4

Power supply for 4 XSDC30 motors

Technical details

Input voltage	100-240Vac 50/60Hz - 3.6 A
Output	4x 24 VDC - 10 A
Motor connections	4
Working temperature	-22°F /+158°F
Dimensions	5.24 x 8.19 x 3.15 in

ARM5

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

Technical details

Input voltage - Amps	100-120Vac 50/60Hz - 6.0 A 200-240Vac 50/60Hz - 4.8 A
Output Voltage	5 x 24 VDC - 10 A
Motor connections	5 DC power + 5 Dry contacts
Working temperature	-22°F /+158°F
Protection fuse	4.0 A
Dimensions	12.01 x 8.27 x 4.72 in

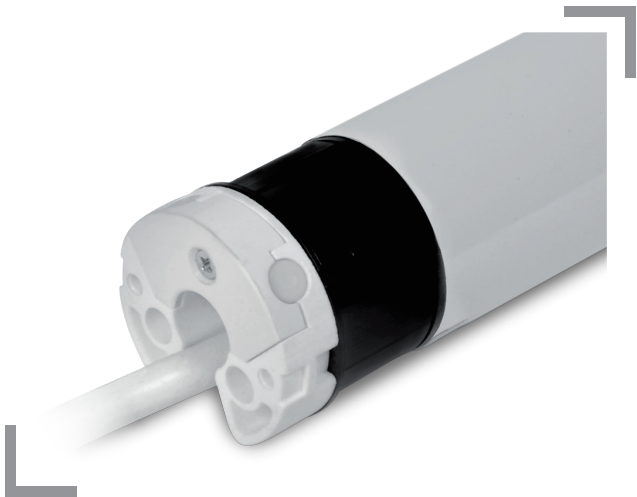


Line voltage X-quiet tubular motors

XS4EZ Electronic encoded with built-in radio receiver

XS4E Electronic encoded

XS4P Mechanical limit switch

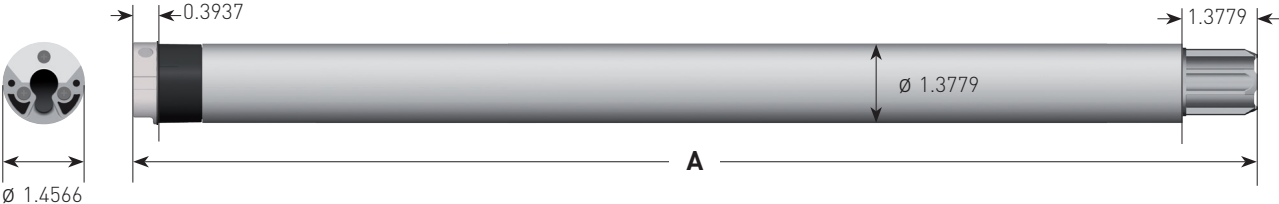


MAIN
FEATURES

Models	XS4EZ334 XS4E334 XS4P334	XS4EZ624 XS4E624 XS4P624
Torque	3 Nm	6 Nm
Speed	34 rpm	24 rpm
Amps	0.90 A	1.10 A
Max turns (EZ/E - P)	160 - 40	160 - 40

DIMENSIONS
mm

Model	A	Model	A
XS4EZ330	23.66	XS4EZ620	23.74
XS4E330	23.66	XS4E620	23.74
XS4P330	20.11	XS4P620	21.37



TECHNICAL
DATA

Power Supply	120 VAC / 60 Hz
Working temperature	14°F / 104°F
Duty rating	45secON / 1minOFF
Radio frequency (type EX)	434.15 MHz
Protection	IP44

WIRING

Standard cable length	8 ft
	White - Neutral
	Green - Ground
	Black
	Red (in the P/E version only)

Line voltage X-quiet tubular motors

XS5EX Electronic encoded with built-in radio receiver with integrated antenna

XS5E Electronic encoded

XS5P Mechanical limit switch

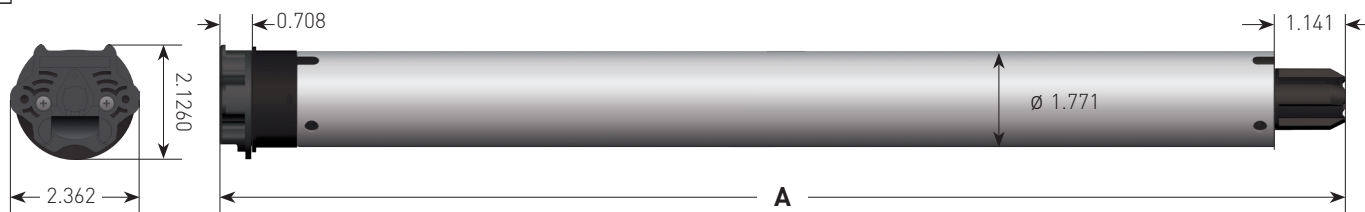


MAIN FEATURES

	SILEO	SHSM	SILEO	HSM
Models	XQ5EZ634 XQ5E634 XQ5P634	XQ5EZ790 XQ5E790 XQ5P790	XQ5EZ934 XQ5E934 XQ5P934	XQ5EZ1234 XQ5E1234 XQ5P1234
Torque	6 Nm	7 Nm	9 Nm	12 Nm
Speed	34 rpm	90 rpm	34 rpm	34 rpm
Amps	0.60 A	1.20 A	1.10 A	1.10 A
Max turns (EZ/E - P)	80 - 28	80 - 28	80 - 28	80 - 28

DIMENSIONS mm

Model	A	Model	A	Model	A	Model	A
XQ5EZ634	21.37	XQ5EZ790	23.54	XQ5EZ934	22.59	XQ5EZ1234	23.70
XQ5E634	21.37	XQ5E790	23.54	XQ5E934	22.59	XQ5E1234	23.70
XQ5P634	19.88	XQ5P790	22.04	XQ5P934	21.02	XQ5P1234	22.83



TECHNICAL DATA

Power Supply	120 VAC / 60 Hz
Working temperature	14°F / 104°F
Duty rating	45secON / 1minOFF
Radio frequency (type EX)	434.15 MHz
Protection	IP44

WIRING

Standard cable length	8 ft
	White - Neutral
	Green - Ground
	Black
	Red (in the P/E version only)

Motor chart selection

SileoXS 30 DC

ø Tube (in)	type	XSDC30 030B	XSDC30 226B	XSDC30 128	XSDC30 228
		Max blind weight (lbs) (fabric + bottom bar) ⁽¹⁾			
1.1417	Benthin	12.3	23	16.7	/
1.2598	Benthin	11.2	20.5	14.4	20.5
1.4960	Rollease	9.2	16.7	12.8	16.7

SileoXS 40 DC

ø Tube (in)	type	XSDC40 326B	XSDC40 615
		Max blind weight (lbs) (fabric + bottom bar) ⁽¹⁾	
1.574	Round	23.8	33
1.7322	Round	21.6	30
1.968	Round	19.2	26.5

SileoXS 50 DC

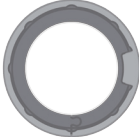
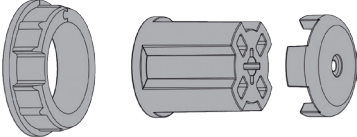
ø Tube (in)	type	XSDC50 326B	XSDC50 615B	XSDC50 428	XSDC50 815
		Max blind weight (lbs) (fabric + bottom bar) ⁽¹⁾			
1.968	Round	19	38.3	26.5	53
2.362	Round	15.8	38	22.5	45
2.7559	Round	13.6	27.3	19	38.5

⁽¹⁾ Weight of the blind has great influence in the max number of cycles the Li-Ion battery operated motor performs every recharge.

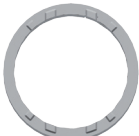
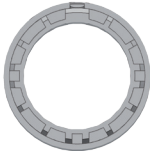
An operating friction factor is taken into account. The data are theoretical and do not consider extra friction due to fabricator/installer mistakes. Tube selection should take into consideration the max allowed deflection which varies with weight and width of the blind.

ADAPTERS

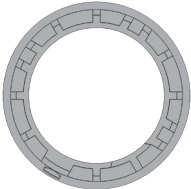
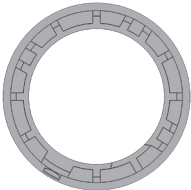
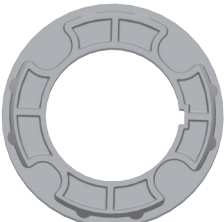
■ DC30 range motors

Drive wheel	Crown adapter		
		Code: AX3.01P138 Tube: Round tube 1"-1/2 / 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 48 mm
	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: AX06.EC Tube: Round 2"-1/2/73 mm
		Code: AX5.01P079 Tube: Round 2"/50 mm with grooves			Code: AX5.01P205 Tube: Round 3"-1/4/83 mm
		Code: AXGS78M Tube: 2.75" with grooves			

EMITTO SMART16 Remote controls

Inspired by the elegant and modern design of the *Smart Line* range, the new transmitter *SMART16* is the latest addition of this product line. It can control up to 16 channels in a simple and user-friendly way, through its comfortable LCD display

QCTZ16SY / QCTZ16Y

16 channel remote with LCD display

- 16 channels for individual control
- Possibility to create and control 8 custom groups in addition to all channels
- Hide the unused channels
- Magnetic wall mount bracket
- Timer functions (only for QCTZ16SY)



QCTZ16SY



QCTZ16Y

Technical details

Channels	16
Frequency	434.15 MHz
Power supply	3V - CR2450
Battery life	2 years
Radiated power	<10 mW
Protection rate	IP30
Coverage (int/ext)	65 / 600 ft
Encoding	RC Gaposa
Working temperature	14°F / 104°F

Accessories



QCTB
(included)
Magnetic
wall support



CWR
(not included)
Transparent
protective shell (for
all "Y" models)

EMITTO SMARTLINE Remote controls

HANDHELD REMOTE CONTROLS

1 Channel



QCTX01HS



QCTZ01Y

1 channel version with
"Tilting" function and "Preset"
pushbutton



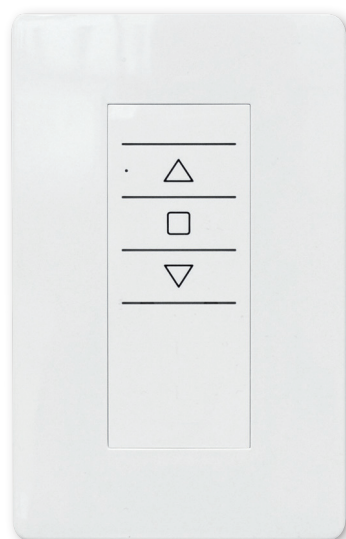
QCTZ02H



QCTZ02Y

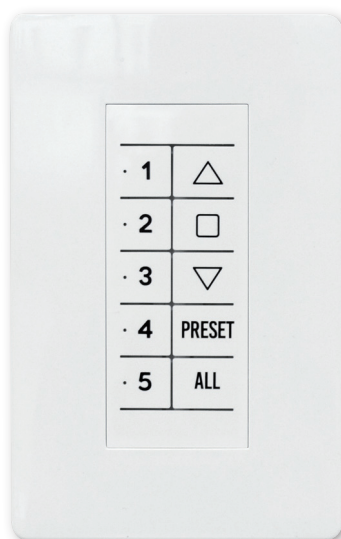
WIRELESS WALL SWITCHES

1 Channel



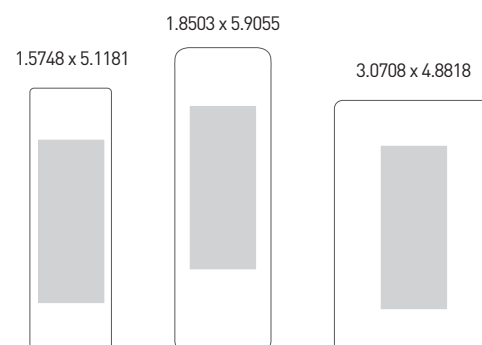
QCTZ01D

5 Channels with Preset/All
pushbuttons



QCTZ02D

Dimensions (in)

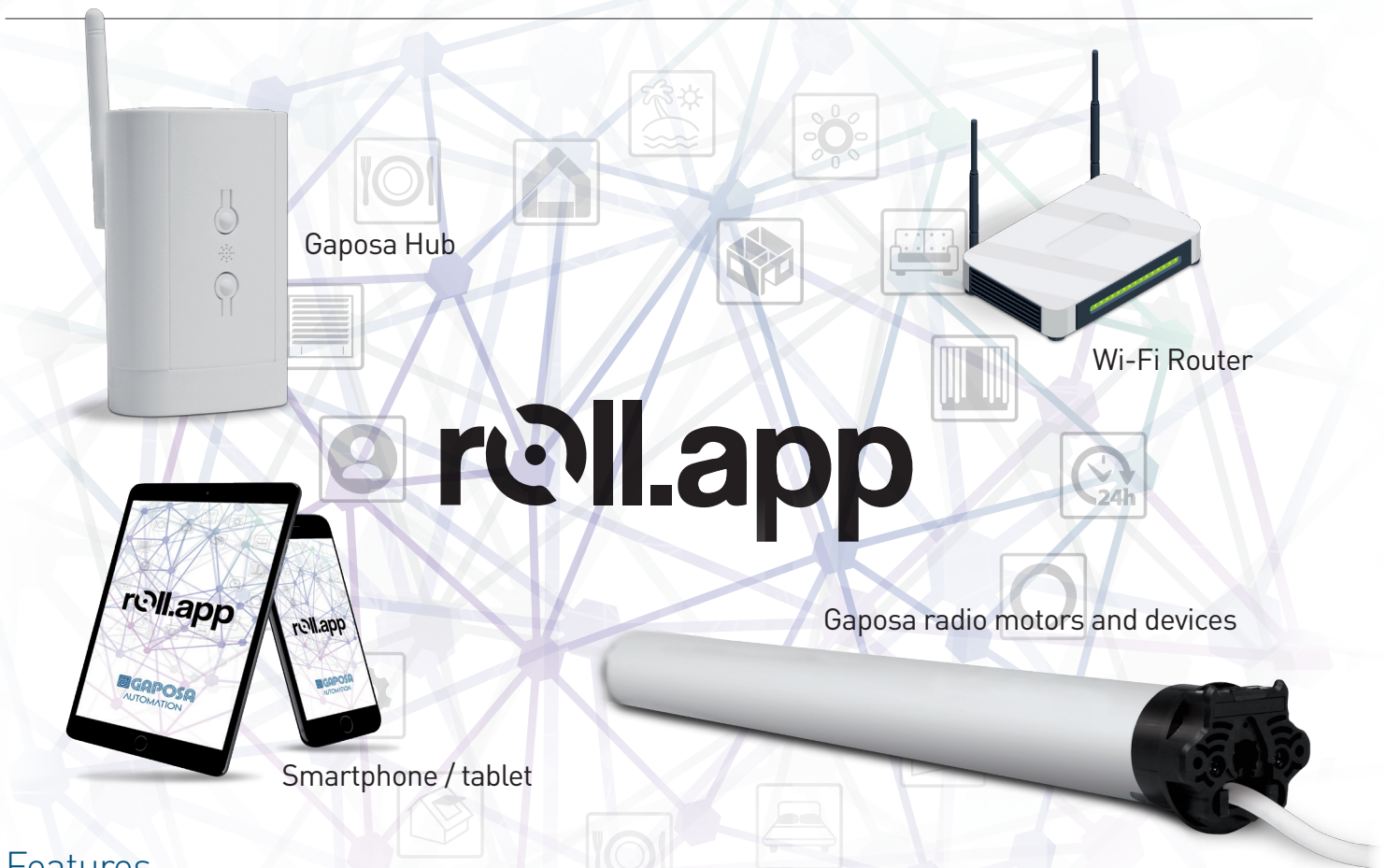


Technical details

Channels	1 to 5
Frequency	434.15 MHz
Power supply	3V mod. CR2032
Battery life	2 years
Radiated power	<10 mW
Protection rate	IP40
Coverage (int/ext)	65 / 600 ft
Encoding	RC Gaposa
Working temperature	14°F / 104°F

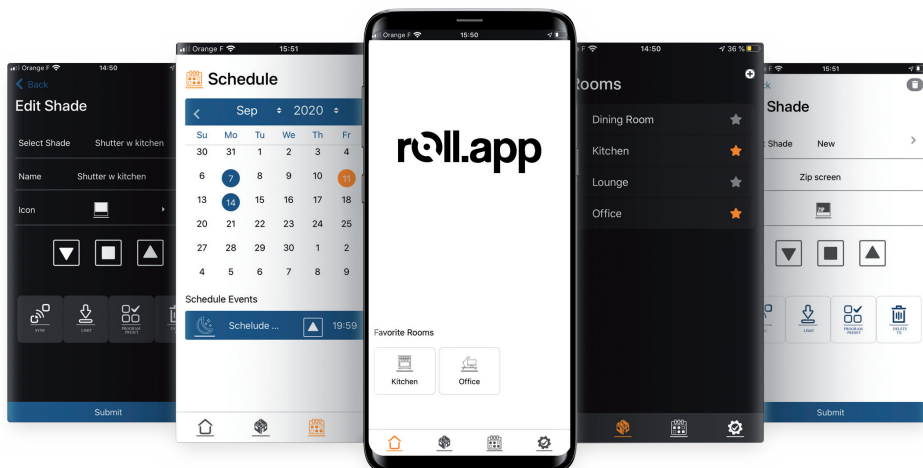
^[1]The tilting function is available with all AC motors up to 12 Nm and with DC motors DC XSDC3EZ228/128/128L and XSDC3DZ228/228L/128

Home automation



Features

- Control up to 32 different Gaposa motorized products from the app from anywhere you are.
- Create as many rooms as you want.
- Create up to 6 favorite rooms that can be easily accessed from the home screen.
- Easily control your shades from the room page with control for UP, STOP, DOWN, and PRESET position.
- Ability to also organize Gaposa motorized products into groups for group control.
- Groups can also be selected as favourites along with rooms (maximum 6).
- Set limits from the app.
- Synchronize motors with the app easily with no need for an existing remote.
- Set up to 10 schedules. Each schedule can automate Up, Down, and Preset commands, and have them repeat every day of the week or none of them.
- Schedules can utilize your location to set your shades to go up or down with the sun.
- Schedules can be enabled or disabled so you can make a schedule for when you are away and disable it when you are home.
- Light and Dark Mode options to change the app background.



Available on:



WORKS WITH
amazon alexa

works with the
Google Assistant

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°F / 104°F

RS232 integration

Models

- linkIT-US16 16 channels (434.15 MHz)
- linkIT-US24 24 channels (434.15 MHz)

Control

- 16-24 blinds or groups per device
- Up – Down – Stop
- Intermediate position
- Tilting

Integrations

- RS232 via RJ9



Hardware

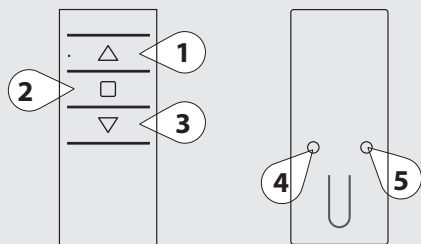
- Very small dimensions
- Visible feedback
- Exterior antenna for increased range
- LED for power
- Upgradable
- Interconnectable
- 5V power input

Switching power supply

Input: 100-240 VAC 50/60 Hz
Output: 5 VDC
Cable length: 118,11 in
Dimensions: 1,5748 x 2,6771 x 1,2992 in



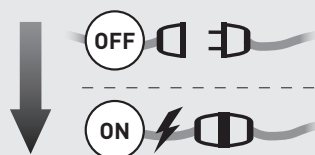
PROGRAMMING QUICK GUIDE



The buttons shown on the left are used to program the transmitters and specific channels. The programming 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) program the transmitter set limits

CONNECT POWER TO THE MOTOR



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.

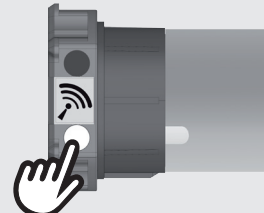
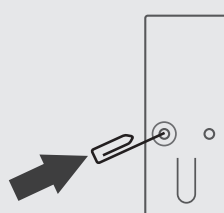
Transmitter is now programmed

ADDING A NEW TRANSMITTER (Sec. 2)

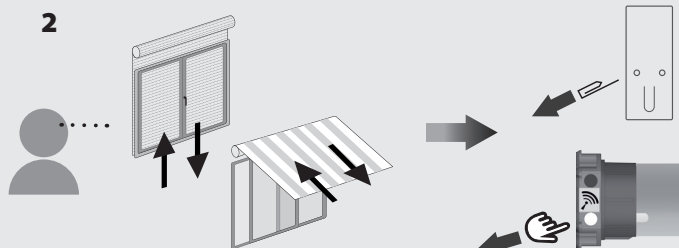
- 1 Press and hold the **SYNC** button on the back of a transmitter **ALREADY** paired until the motor starts moving in one direction
- 2 Check the motor rotation (**UP** or **DOWN**) then release the **SYNC** button (the motor now stops)
- 3 Within 5 seconds, press the corresponding button (**UP** if 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

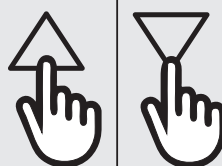
1



2



3



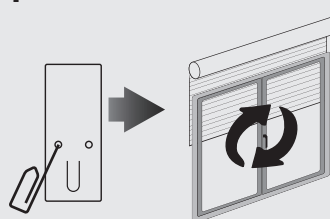
CHECKING / CHANGING DIRECTION (Sec. 3)

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:

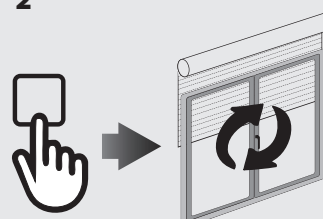
- 1 Press and hold the **SYNC** button on the back of transmitter until the motor starts moving
- 2 Press the **STOP** button; the motor makes a brief jog. The direction of the motor has been reversed

IMPORTANT: the change of direction of procedure must be performed before initiating the limit setting procedure, otherwise limits must be reset

1



2



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.

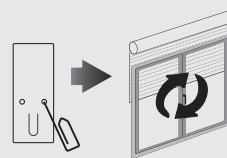
- 1 Press and hold the LIMIT button on the back of transmitter until the motor makes a brief jog

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

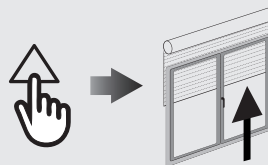
- 2 Press and hold the UP button and run the motor to the desired UP limit position.
- 3 Press the STOP button to set the UP limit position. The motor makes a brief jog to confirm.
- 4 Press and hold the DOWN button and run the motor to the desired DOWN limit position
- 5 Press the STOP button to set 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.

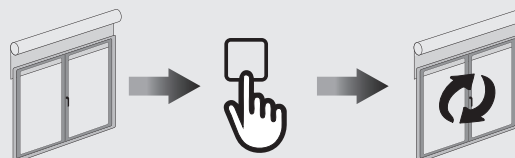
1



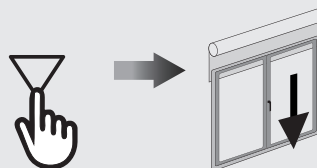
2



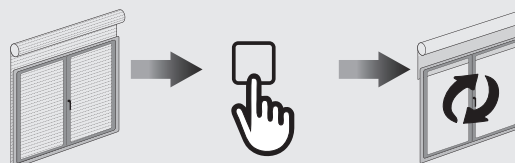
3



4



5



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 position to initiate the procedure.

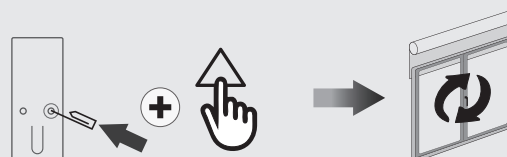
TO CHANGE THE UP LIMIT:

- 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.

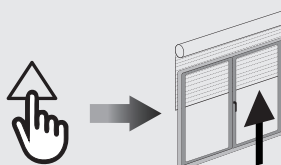
Note: during "limit setting mode" the operations are in "deadman control" (The UP and DOWN buttons must be held down in order to move the motor.)

- 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.

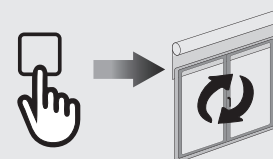
1



2



3



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.

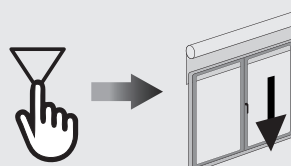
Note: during "limit setting mode" the operations are in "deadman control" (The UP and DOWN buttons must be held down in order to move the motor.)

- 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.

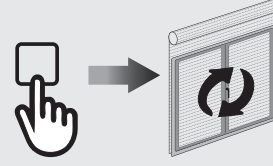
1

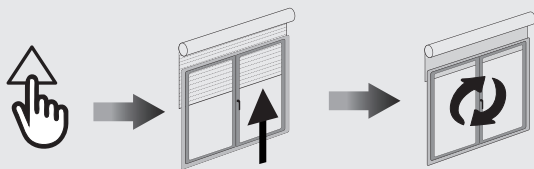


2



3

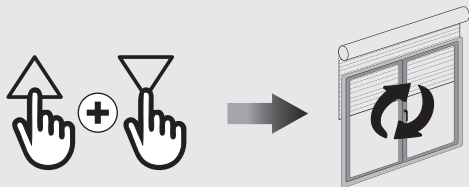




AUTOMATIC SETTING OF THE LIMITS (Sec. 6)

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.

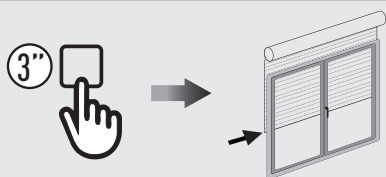
PREFERRED POSITION (Sec. 7)



1. SETTING AN PREFERRED POSITION

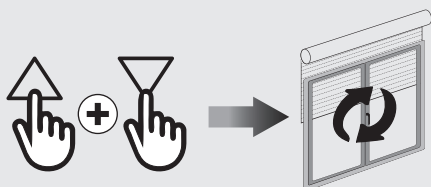
Operate the motor to and stop it at the desired intermediate position, then press both the UP and DOWN buttons together until the motor makes a brief jog to confirm.

The intermediate position is now set.



2. RECALLING THE PREFERRED POSITION

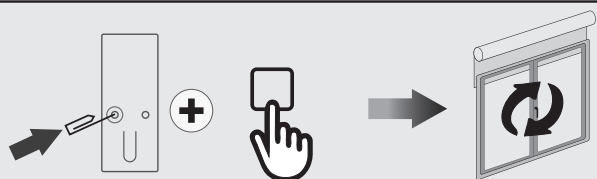
Press and hold the STOP button for 3 seconds: the motor will move to and stop at the intermediate position.



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 until the motor makes a brief jog to confirm.

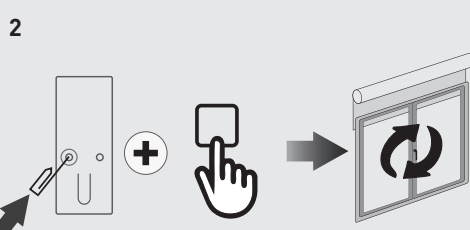
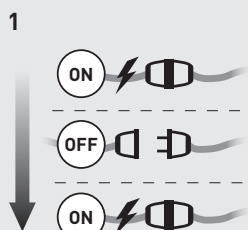
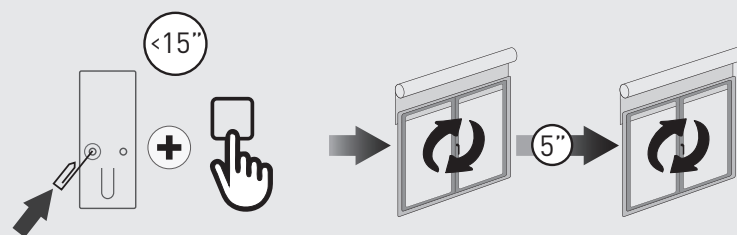
Only the transmitter used for this procedure has been deleted from motor memory

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 confirm 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.

