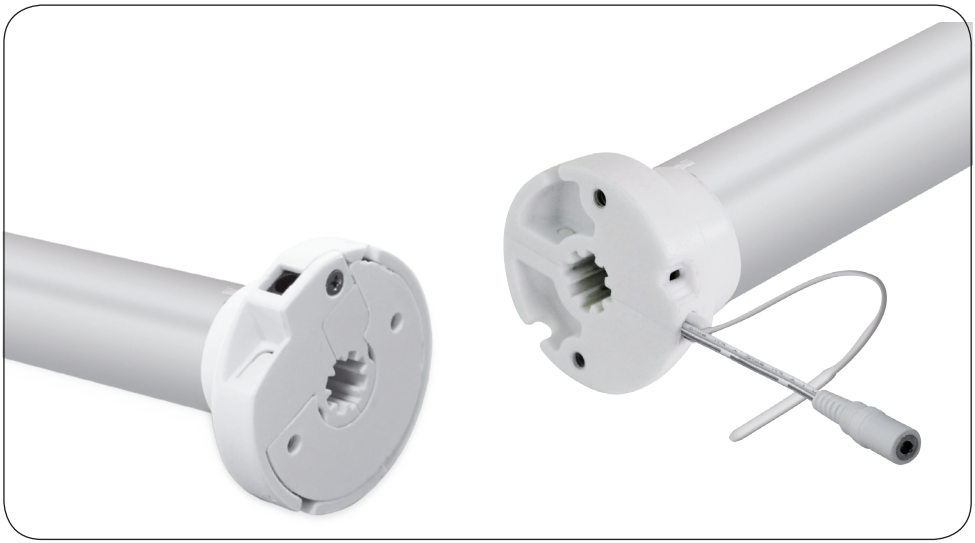
GAPOSA

EN

SileoXSDC

ULTRA QUIET MOTORIZATION



XSDC30

CE

CAREFULLY FOLLOW THESE INSTRUCTIONS. IT IS VERY IMPORTANT FOR THE SAFETY OF THE OPERATOR AND ALL OTHER CHILDREN OR BYSTANDERS. SAVE THESE INSTRUCTIONS. IT IS IMPORTANT TO:

- Check the blind in motion and keep children and bystanders far from it while in action.
- Frequently check if any loss of balance, signs of wear or damaged wires are shown.
- Do not use if any repairing or maintenance is needed.
- In case of installation in awnings keep a distance of at least 1.5 ft from it (completely open) and whatever fixed item nearby.
- The device is not intended to be used by anyone (including children) whose physical, sensory or mental capabili- ties are reduced, or lacking experience or knowledge, unless they have been granted through the intermediary of a person responsible for their safety, supervision or instruction concerning the use of the device.
- Children should be supervised to ensure they do not play with the device and/or with fix control devices.
- The control devices installed in a fixed manner must be positioned in view.
- The control devices installed in a fixed manner must be positioned in view.

IMPORTANT
- The motor is shipped in sleep mode
- The motor will need to be woken up in order for it to function
- Ensure the battery is fully charged prior to installation
- Motor is not shipped fully charged, the battery comes 30% charged from the factory

ATTENTION
Damaged electric products and batteries should not be disposed of with normal household waste. Make sure to drop them in special provided containers or at an authorized organiza- tion that will ensure they are recycled.

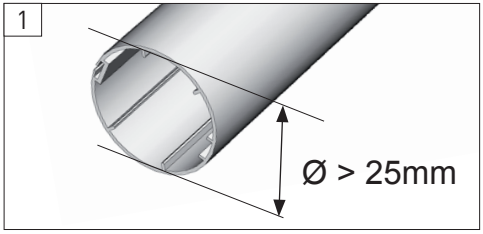
	XSDC3EX030W	XSDC3EX030B XSDC3EX030BI XSDC3EX030BE XSDC3EX030BC	XSDC3EX226B XSDC3EX226BI XSDC3EX226BE XSDC3EX226BC	XSDC3EX128 XSDC3DX128 XSDC3ED128	XSDC3EX228 XSDC3DX228 XSDC3ED228
Type	12VCC power operated*	embedded Li-Ion battery (External battery for BE version)	embedded Li-Ion battery (External battery for BE version)	power operated	power operated
Power supply	12VCC	12VDC	12VDC	24VDC	24VDC
Torque	1.1 Nm	1.1 Nm	2 Nm	1.5 Nm	2 Nm
Speed	30 rpm	30 rpm	26 rpm	28 rpm	28 rpm
Power	15 W	15 W	18 W	22 W	25 W
Amps	1.40 A (Stand-by 300 µA)	1.40 A	1.60 A	0.90 A	1.10 A
Max turns	70	70	70	35	35

*WARNING: The internal regulator works up to 15VCC

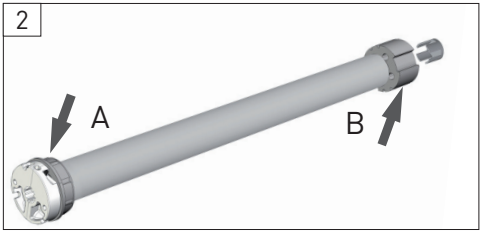
Motor diameter	25 mm	25 mm	25 mm	25 mm	28 mm
Motor lenght	535 mm	550 mm	350 mm	350 mm	370 mm

Frequency bands	868,30 MHz
Duty rating	6 min
Insulation class	III
Operating temperature	0°C to +60°C
Protection rate	IP 20 (for indoor use only)

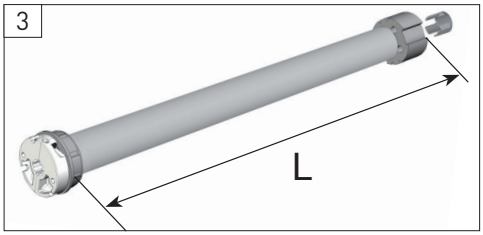
1. INSTALLATION



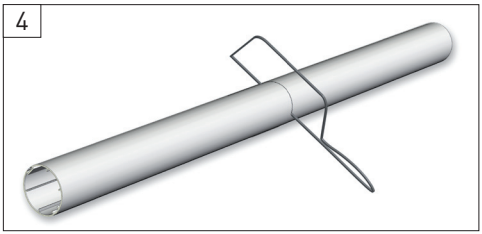
Check that the inner diameter of the tube is greater than 25mm.



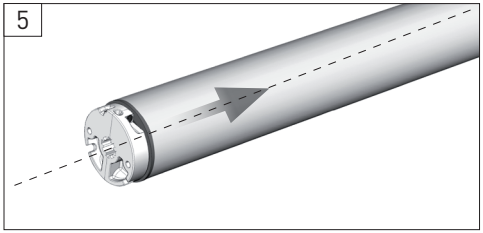
Insert the adaptors that will fit the roller tube: insert the crown (A) and the motor drive wheel (B) on the motor.
WARNING: for some of the smaller tubes, you need to remove the stock bushing to install the appropriate crown (A).



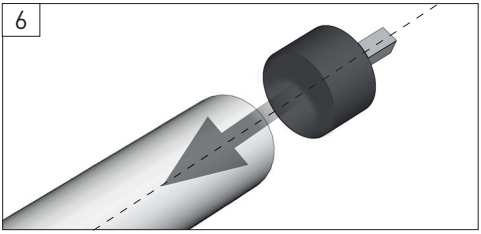
Measure the length (L) between the inner edge of the motor head and the edge of the motor drive wheel.



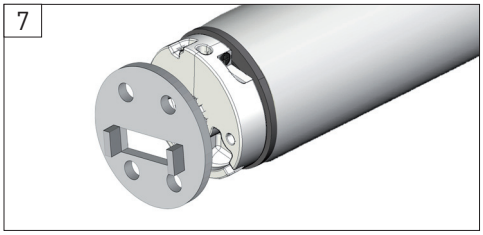
Cut and deburr the roller tube to the required length and remove the swarf.



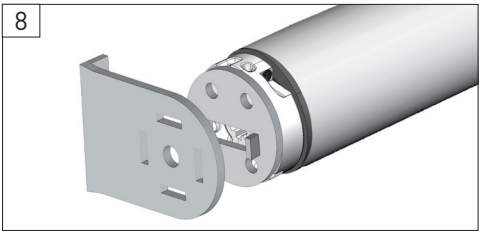
Slide the motor into the roller tube



Slide the end cap into the roller tube and lock it if necessary



Screw the bracket interface on to the motor head



Mount motorized tube onto brackets

2. WIRING - POWER SUPPLY –⊙+

XS DC super quiet motors are powered by different power sources according to the type:

1 **XSDC3EX030B**
XSDC3EX226B
Li-Ion integrated battery motor

Battery charger (cod. BC12)
Input:100-240 VAC - 50/60 Hz
Output: 12 VDC 1000 mA
Plug 3.5 x 1.35

ATTENTION: Ensure battery is fully charged prior to installation. IT IS NOT SHIPPED FULLY CHARGED Battery comes 30 percent charged from the factory. Use power charger (recommended by Gaposa) to charge the integrated Li-Ion battery.

1. Plug charger into a power outlet
2. Connect the charger to the motor power cable
3. LED light on charger will show the status:
   Solid Red = charging
   Solid Green = Charging is complete
4. When charging is complete (time is about 3.5 h), disconnect and store charger for later use

2 **XSDC3DX128**
XSDC3EX228
XSDC3ED228
Power operated motor

Power supply (cod. TRASDC3)
Input:100-240 VAC - 50/60 Hz
Output: 24 VDC 2.0 A
Plug 5.5 x 2.1

1. Plug the power supply into a power outlet
2. Plug the power suppy into the motor

CAUTION
- Ensure cable is kept clear of fabric
- Ensure antenna is kept straight and away from metal objects

NOTES
Cables which pass through a metal wall must be protected and isolated using a grommet or sleeve. Attach cables with intent to prevent any contact with moving parts. Leave the motor power supply cable accessible: it must be possible to replace it easily.

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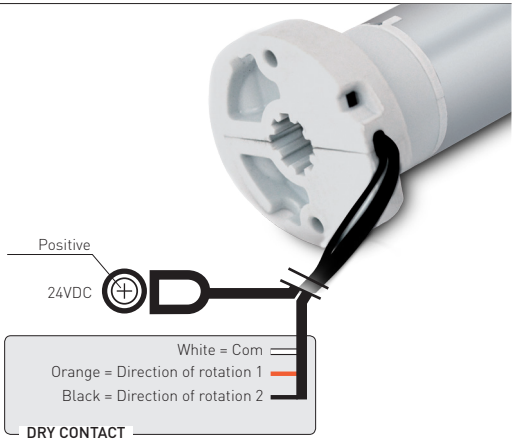
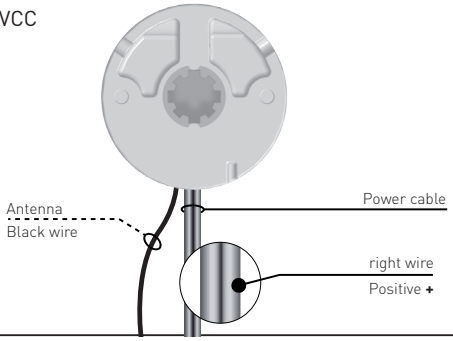
3 **XSDC3DX228**
XSDC3EX228
XSDC3ED228
Power operated motor

Check that the mains voltage available on the system is as shown on the label.
The motor mains connection should be executed according to the diagram on the next page, by qualified technicians able to operate in compliance with the rules.



4 **XSDC3EX030W** | Power operated motor 12VCC

WARNING: The internal regulator works up to 15VCC



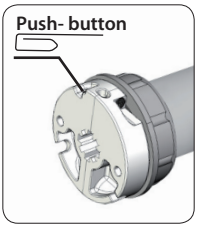
3. SLEEP MODE (only for Li-Ion integrated battery motor)

Sleep mode is a status which prevents a motor from moving during shipping or assembling:

Wake up the motor: click the push button on the head of the motor
the motor makes 1 jog

Activate sleeping mode: click the push button on the head of the motor
the motor makes 2 jogs

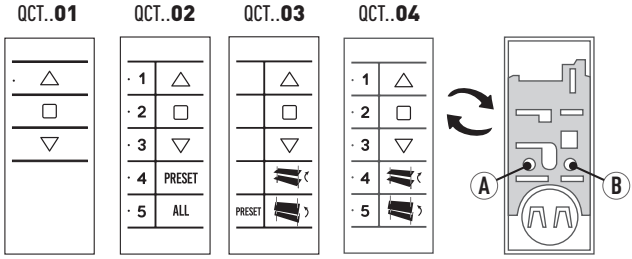
Note: any short press of the button on the head of the motor will either wake up the motor or activate sleeping mode sequentially.



ATTENTION: In an installation of more than one XSDC battery motors wake up one motor at a time in order to pair it to its own transmitter.

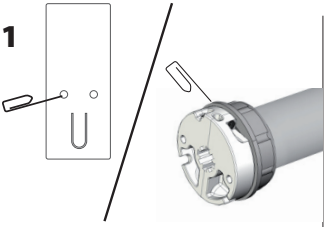
4. TRANSMITTERS

△	UP
□	STOP
▽	DOWN
A	PROG-TX Program the transmitter
B	PROG-FC Set the limit switch



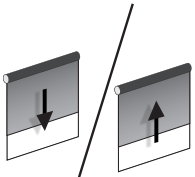
5. PROGRAMMING TRANSMITTERS

1



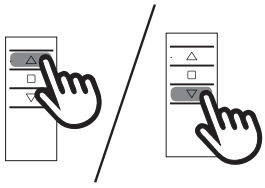
Press and hold the **PROG-TX** button (on the back of transmitter or on the head of the motor)until the motor starts moving

2



Check the motor rotation then release the **PROG-TX** button (the motor stops)

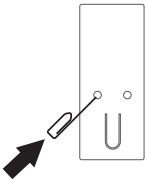
3



Within 5 seconds, press the corresponding button (**UP** if the motor turns upwards or **DOWN** if the motor turns downwards). Transmitter is now programmed.

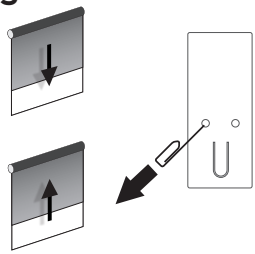
6. ADDING TRANSMITTERS

1



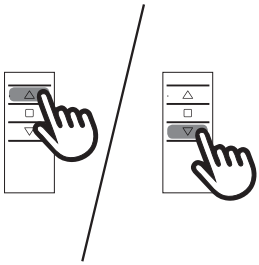
Press and hold the **PROG-TX** button on the back of transmitter **ALREADY PAIRED** until the motor starts moving

2



Check the motor rotation then release the **PROG-TX** button (the motor stops)

3

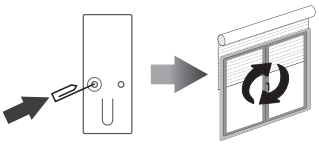


Within 5 seconds, press the corresponding button (**UP** if the motor turns upwards or **DOWN** if the motor turns downwards) **on the new transmitter that needs to be programmed**

7. CHECKING / CHANGING DIRECTION

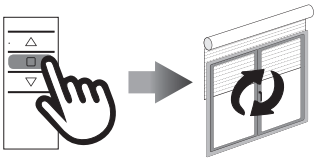
Press **UP** or **DOWN** the motor should go **UP** or **DOWN**, otherwise to change the motor direction:

1



Press and hold the **PROG-TX** button on the back of transmitter until the motor starts moving

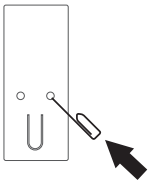
2



Press **STOP**: The motor makes a brief jog. Direction of the motor has been reversed.
IMPORTANT: change direction must be performed before starting limit setting otherwise limits must be reset

8. LIMIT SWITCH SETUP ALWAYS SET THE UP LIMIT FIRST.

1



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.

Press and hold the **PROG-FC** button on the back of transmitter until the motor makes a brief jog.
Note: during "programming 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 **STOP** 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 **STOP** to set the **UP** limit position. The motor makes a brief jog to confirm.

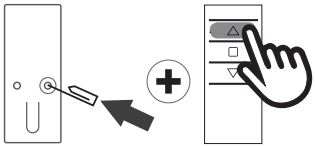
Note: Accurate limit setting can be performed when UPWARD or DOWNWARD by pressing the PROG-FC button a second time: the motor then moves slowly in steps towards to the desired limit. Always press STOP button to set the limit position

9. SETTING THE LIMITS INDIVIDUALLY

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 **PROG-FC** button and the **UP** button until the motor makes a breif 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

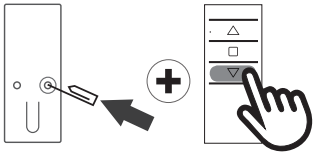
Press and hold the **UP** botton until the desired new **UP** limit is reached.

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 **PROG-FC** button and the **DOWN** button until the motor makes a breif 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

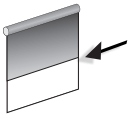
Press and hold the **DOWN** botton until the desired new **DOWN** limit is reached.

3

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

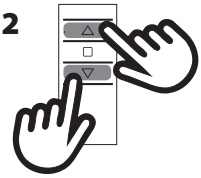
10. SETTING THE INTERMEDIATE POSITION

1



Stop the blind in the desired intermediate position

2

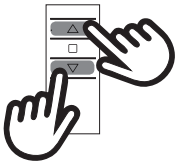


Press both the **UP** and **DOWN** buttons simultaneously until the motor makes a brief jog in both directions.
The intermediate position has been set.

11. RECALLING THE INTERMEDIATE POSITION

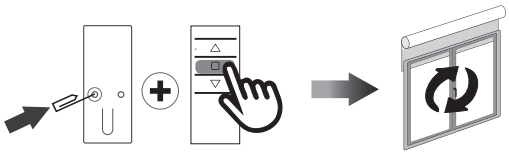
Press and hold the **STOP** button for at least 3 seconds: the shade will move to the intermediate position.

12. ERASING THE INTERMEDIATE POSITION



Press both the **UP** and **DOWN** buttons simultaneously until the motor makes a brief jog in both directions.

13. DELETING A TRANSMITTER OR A CHANNEL



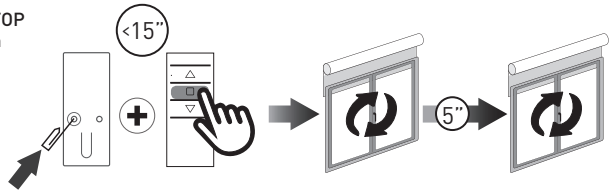
Using the transmitter to be deleted press and hold both the **PROG-TX** and **STOP** buttons until the motor makes a small jog. Only the transmitter used for this procedure has been deleted from motor memory.

14.ERASE TRANSMITTER MEMORY (DELETING ALL THE TRANSMITTERS OR CHANNELS OR SENSORS)

Option 1 - Using a programmed transmitter

Press and hold both the **PROG-TX** 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 work unless it makes both jogs.
Memory is now empty.

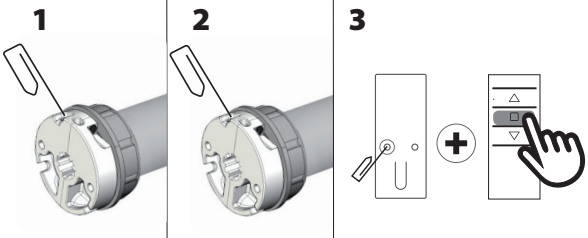


Option 2 - Using a new transmitter without ID (not paired).

for Li-Ion integrated battery motor

1. Activate sleep mode: click the push button (the motor makes 2 jogs)
2. Wake up the motor: click the push button (the motor makes 1 jog)
3. Within 8 seconds, using any Gaposa transmitter, press and hold both the **PROG-TX** and **STOP** buttons until the motor makes a long jog.

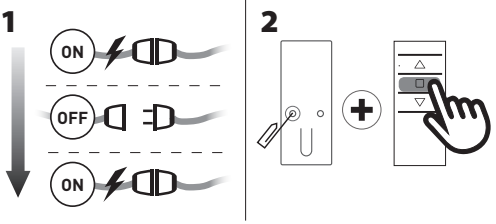
Memory is now empty



for power operated motor

1. Switch the motor power supply power Off. Then switch it ON.
2. Within 8 seconds, using any Gaposa transmitter, press and hold both the **PROG-TX** and **STOP** buttons until the motor makes a long jog.

Memory is now empty



GAPOSA srl - via Ete, 90 - 63900 Fermo - Italy
T. +39.0734.220701 - F. +39.0734.226389 - info@gaposa.com
www.gaposa.com