

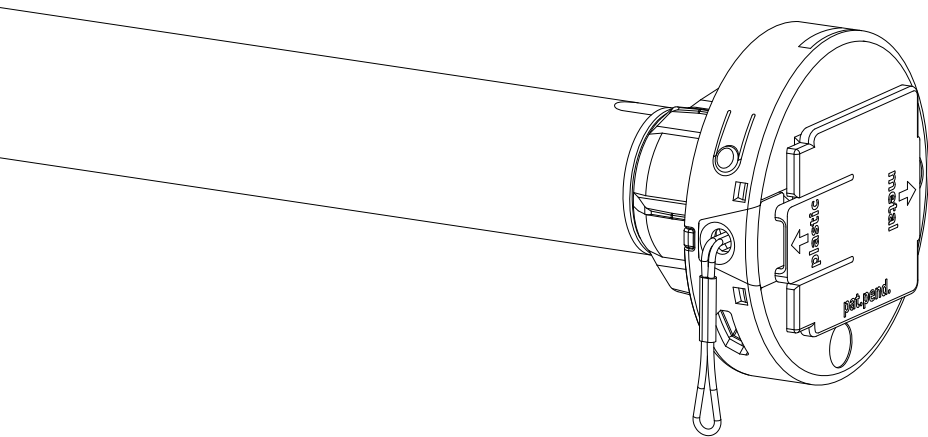
MOTION CM-01/02 LI-ION TUBULAR MOTOR

Do NOT remove band around shade until installed



MANUAL CM-01/02

Li-ion battery powered tube motors
with pull operation



MOTION

CM-01/02 Tube motor

Li-ion battery powered tube motors
with pull operation



Motor features



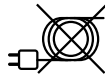
Li-ion Battery

Integrated
lithium-ion battery



USB Rechargeable

Rechargeable with
micro USB



Wireless

Cable free
installation



Happy Programming

Dummy proof
programming using
pull control



Favourite Position

Preset a favourite
position

Control options



Pull Control

Operate with
pull control

Support

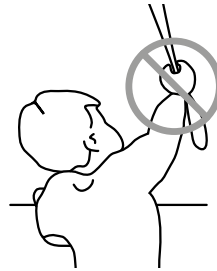


Video

How to install,
program and operate
rtube.nl/red983

WARNING

Read the instructions carefully before assembling and using the product. Assembly can be completed by non-professionals. For indoor use only.



- Young children can strangle themselves with the loop of pull cords, chains and tapes, and cords that operate window coverings.
- To avoid strangulation and entanglement, keep cords out of reach of young children.
- Cords may ensnare a child's neck.
- Move beds, cots and furniture away from window covering cords.
- Do not tie cords together.
- Make sure cords do not twist together and form a loop.

Cleaning

Follow these general rules when cleaning the outside of the device and its components:

- Use a damp, soft, lint-free cloth. Avoid getting moisture in openings.
- Do not use aerosol sprays, solvents, alcohol, or abrasives.

Service & Support

Do not perform repairs yourself. Do not attempt to open the device or disassemble it. You run the risk of electric shock and voiding the limited warranty. No user-serviceable parts are inside.

Warranty Service

First follow the advice in this manual. If the product appears to be damaged or does not function properly, go to your local dealer for instructions on how to obtain warranty service.



IP 20



Conforms to
UL Std. 325
Certified to
CSA Std. C22.2/247
5011728

Important Safety instructions

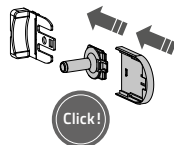
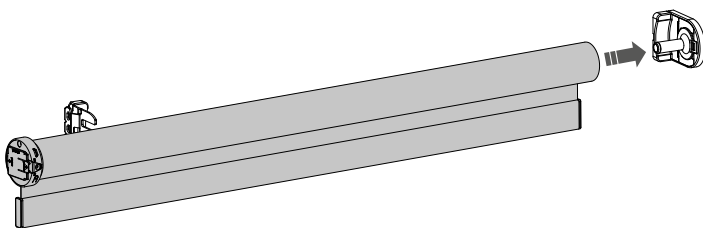
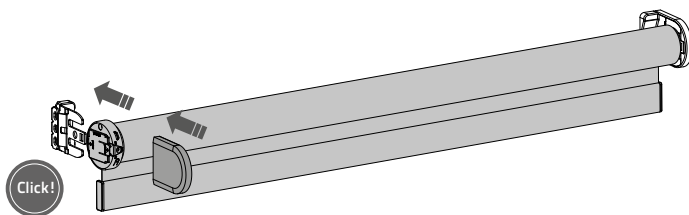
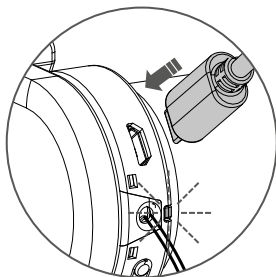
WARNING: To reduce the risk of severe injury or death, it is important to follow these instructions for personal safety. Save these instructions.

- Read and follow all installation instructions.
- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children should not play with the appliance. Cleaning and user maintenance should not be performed by unsupervised children.
- Do not allow children to play with fixed controls. Keep remote controls away from children.
- Frequently examine the installation for imbalance and signs of wear or damage to cables and springs. Do not use if repair or adjustment is necessary.
- This instruction manual is also available on the website.
- The drive shall be disconnected from its power source during cleaning, maintenance and when replacing parts.
- The A-weighted emission sound pressure level of the drive is equal to or less than 70dB(A).
- Indoor and household use only.
- Disconnect the drive from the supply or switch off the automatic controls when maintenance, such as window cleaning, is being carried out in the vicinity.
- When operating a biased switch, make sure that other persons are kept away.
- Do not operate when maintenance, such as window cleaning, is being carried out in the vicinity.
- The tube motor must only be supplied with safety extra low voltage corresponding to the marking on the appliance.
- This appliance contains batteries that are non-replaceable.

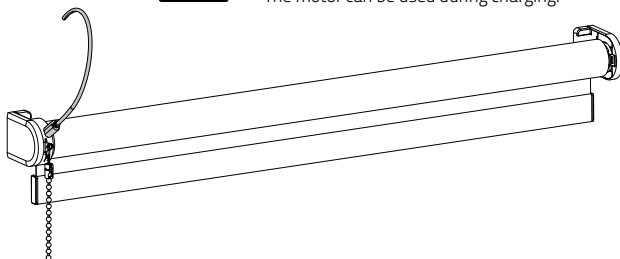
Important Installation instructions

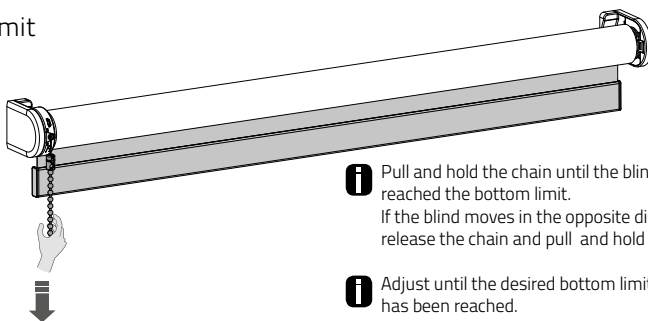
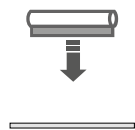
WARNING: Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury.

- This motor can only be used with soft material for driven parts.
- Hazardous unprotected moving parts of the drive must be installed higher than 2.0m above the floor or any other level surface that could provide access to it.
- Install the actuating member of a manual release at a height less than 1.8m.
- The actuating member of a biased switch is to be located within direct sight of the driven part but away from moving parts. It is to be installed at a minimum height of 1.5m and not accessible to the public.
- The mass and the dimension of the driven part must be compatible with the rated torque and rated operating time.
- Fixed controls have to be clearly visible after installation.
- The driven part must be compatible with the rated torque (0.2N.m/0.65N.m) and rated operating time (12min).
- Minimum tube diameter: Ø25mm.
- The drive is intended to be installed at a height of at least 2.0m above the floor or any other accessible level surface.
- All-pole disconnection switches must be incorporated in the fixed wiring in accordance with the wiring rules.

1 Installing the blind**2****3****4****5** Charge to activate the motor

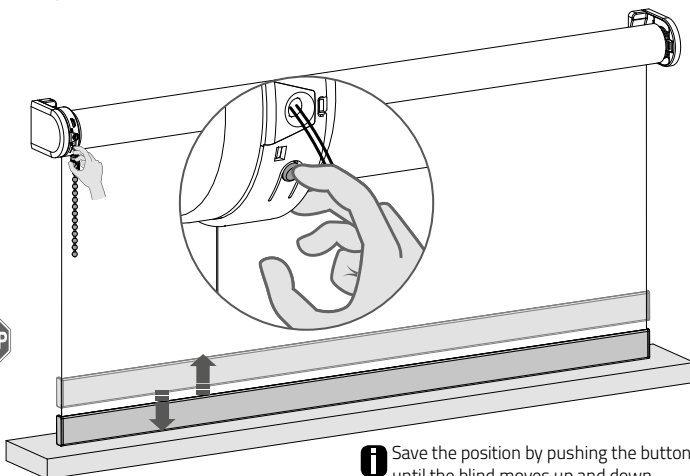
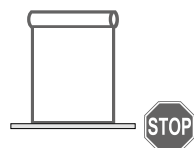
i Charge before first use. (See step 17)
A green LED will flash.
The motor can be used during charging.



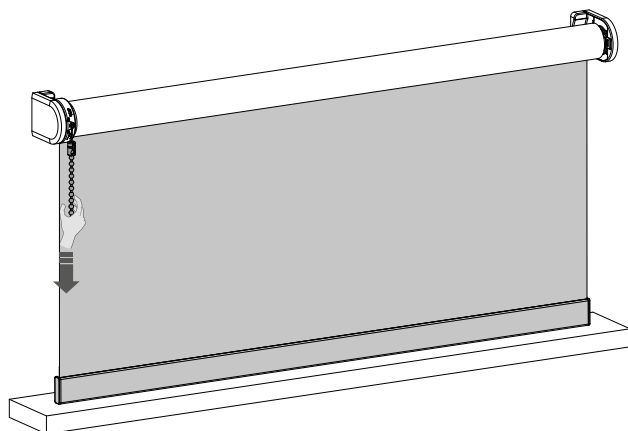
6 Set bottom limit

i Pull and hold the chain until the blind has reached the bottom limit.
If the blind moves in the opposite direction, release the chain and pull and hold again.

i Adjust until the desired bottom limit has been reached.

7

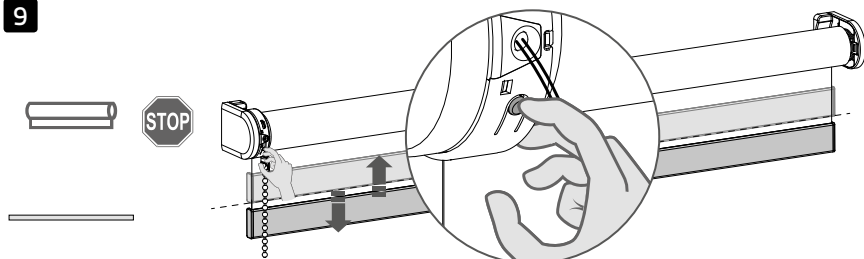
i Save the position by pushing the button until the blind moves up and down.

8 Set upper limit

i Pull and hold the chain until the blind has reached the upper limit. If the blind moves in the opposite direction, release the chain and pull and hold again.

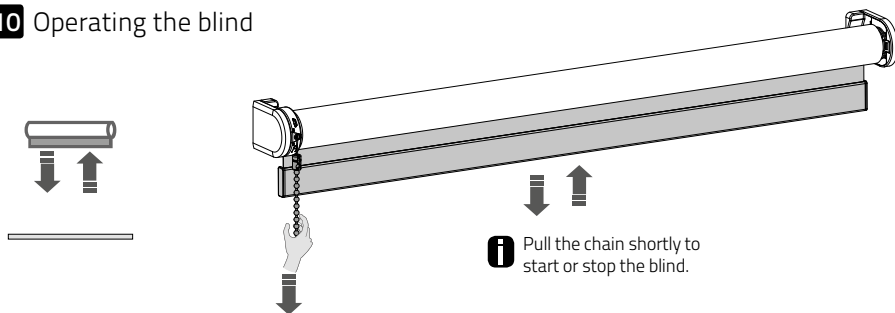
i Adjust until the desired upper limit has been reached

9



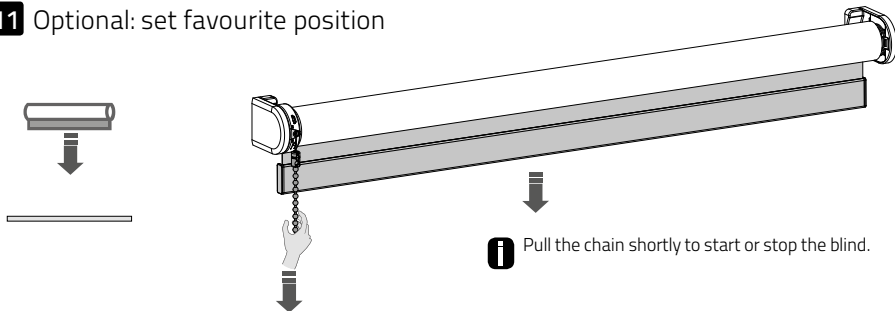
i Save the position by pushing the button until the blind moves up and down.

10 Operating the blind



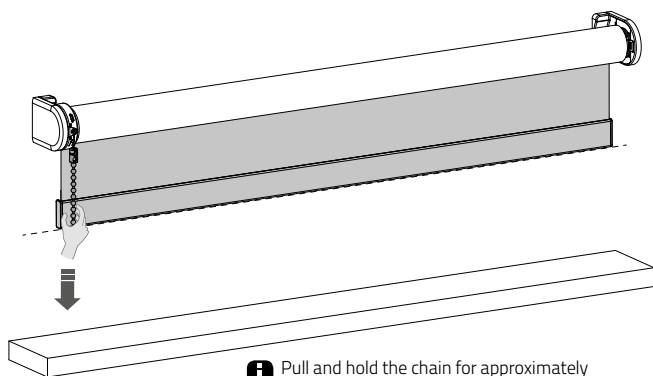
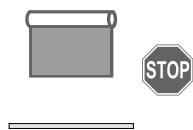
i Pull the chain shortly to start or stop the blind.

11 Optional: set favourite position



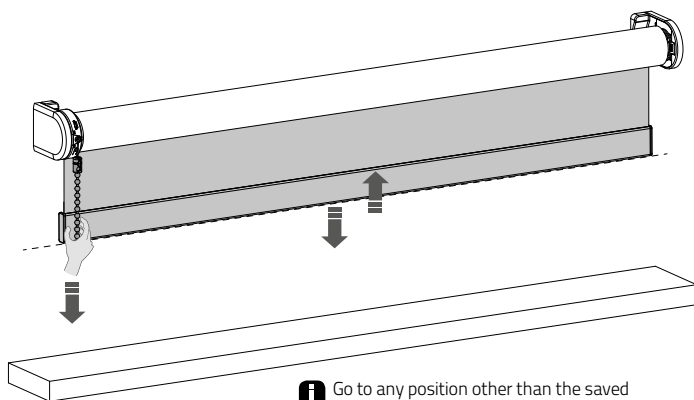
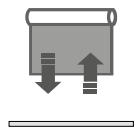
i Pull the chain shortly to start or stop the blind.

12



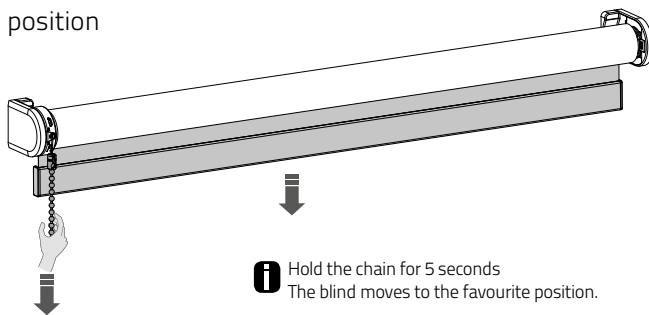
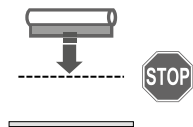
i Pull and hold the chain for approximately 7 seconds until the blind moves up and down.

13

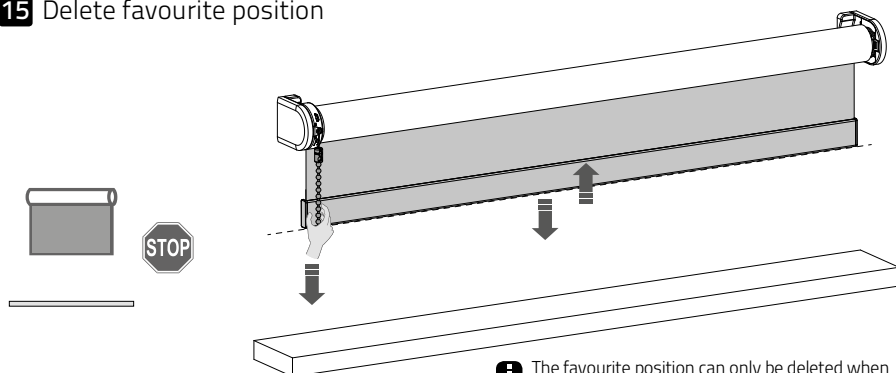


i Go to any position other than the saved favourite position.

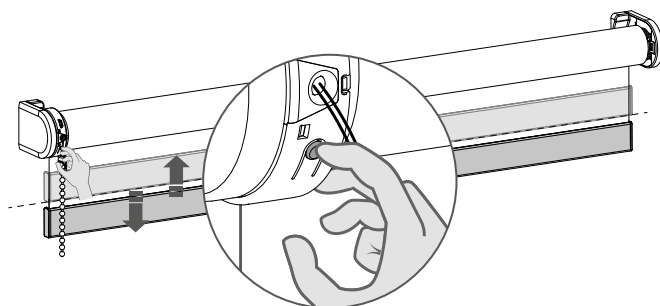
14 Move to favourite position



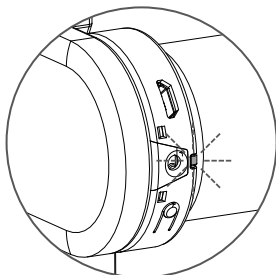
i Hold the chain for 5 seconds
The blind moves to the favourite position.

15 Delete favourite position

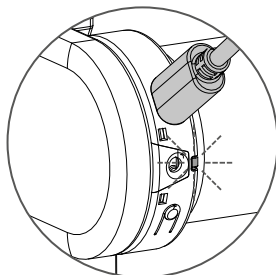
- i** The favourite position can only be deleted when the blind is placed in the favourite position.
- i** Pull and hold the chain for approximately 7 seconds until the blind moves up and down.
- i** Go to step 11 to program a new favourite position.

16 Delete end limits

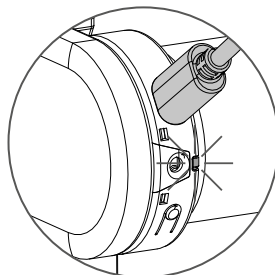
- i** Hold the button for approximately 10 seconds. After 5 seconds, the blind will move up and down. Keep pushing the button until the blind moves up and down again.
- i** Repeat steps 6 - 9 to save new end limits.

17 Recharge battery

Blinking red during
operation;
Charge the battery



Blinking green;
battery is charging



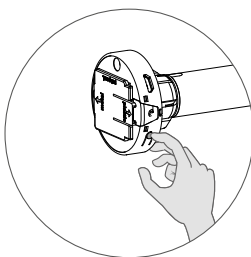
Continuously green;
battery is fully charged

18 Activate / deactivate the motor

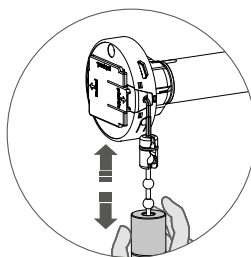
To prevent the blind from getting damaged, the motor has a transport mode that makes sure the blind will not be activated before installation.

18.1

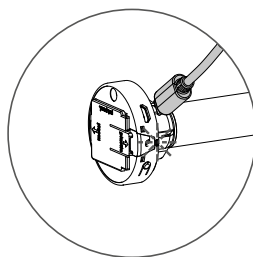
Hold the program button and pull twice to activate or deactivate the motor.
The motor can also be activated by charging it with a micro USB cable.



+



or



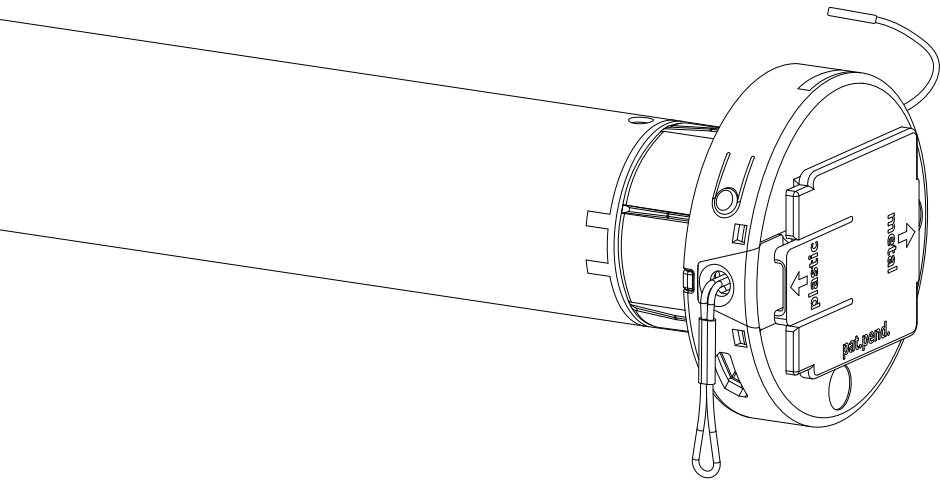
Frequently Asked Questions

Problem	Cause	Solution
Motor is not responding.	Motor is in transport mode.	Activate the motor. See step 18.
	Motor battery is empty.	Charge the motor. See step 17.
Motor LED flashes red.	The battery of the motor is empty.	Charge the motor. See step 17.
Motor is not charging.	Charger is not plugged in or does not work.	Try a different charger or make sure the charger is plugged into the outlet.
Blind lowers too far.	End limits are programmed incorrectly.	Reprogram end limits. See step 6 - 9.
Unable to program end limits.	End limits have already been programmed.	Reset the motor and reprogram end limits. See step 16 and step 6-9.



MANUAL CM-03/05

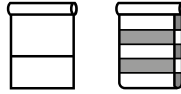
Li-ion battery powered tube motors
with pull and remote operation



MOTION

CM-03/05

Li-ion battery powered tube motors with
pull and remote operation



Motor features



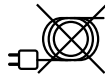
Li-ion Battery

Integrated
lithium-ion battery



USB Rechargeable

Rechargeable with
micro USB



Wireless

Cable free
installation



Speed Control

Consistent
rolling speed



Bi-directional

Two-way
communication for
real-time response

Control options



Pull Control

Operate with
pull control



Remote Control

Operate with a
remote control



App Control

Operate with the
MOTION app



Connectivity

Compatible with
home and building
automation

Support



Video

How to install,
program and operate
rtube.nl/red980



App Store

Download the
MOTION app
rtube.nl/red981

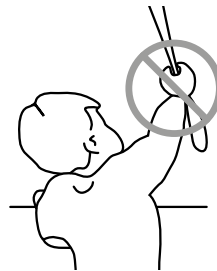


Google Play

Download the
MOTION app
rtube.nl/red982

WARNING

Read the instructions carefully before assembling and using the product. Assembly can be completed by non-professionals. For indoor use only.



- Young children can strangle themselves with the loop of pull cords, chains and tapes, and cords that operate window coverings.
- To avoid strangulation and entanglement, keep cords out of reach of young children.
- Cords may ensnare a child's neck.
- Move beds, cots and furniture away from window covering cords.
- Do not tie cords together.
- Make sure cords do not twist together and form a loop.

Cleaning

Follow these general rules when cleaning the outside of the device and its components:

- Use a damp, soft, lint-free cloth. Avoid getting moisture in openings.
- Do not use aerosol sprays, solvents, alcohol, or abrasives.

Service & Support

Do not perform repairs yourself. Do not attempt to open the device or disassemble it. You run the risk of electric shock and voiding the limited warranty. No user-serviceable parts are inside.



IP 20



Conforms to
UL Std. 325
Certified to
CSA Std. C22.2 #247
5011728

Important Safety instructions

WARNING: To reduce the risk of severe injury or death, it is important to follow these instructions for personal safety. Save these instructions.

- Read and follow all installation instructions.
- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children should not play with the appliance. Cleaning and user maintenance should not be performed by children without supervision.
- Do not allow children to play with fixed controls. Keep remote controls away from children.
- Frequently examine the installation for imbalance and signs of wear or damage to cables and springs. Do not use if repair or adjustment is necessary.
- This instruction manual is also available on the website.
- The drive must be disconnected from its power source during cleaning, maintenance and when replacing parts.
- The A-weighted emission sound pressure level of the drive is equal to or less than 70dB(A).
- Indoor and household use only.
- Disconnect the drive from the power supply or switch off the automatic controls when maintenance, such as window cleaning, is being carried out in the vicinity.
- When operating a biased switch, make sure that other persons are kept away.
- Do not operate when maintenance, such as window cleaning, is being carried out in the vicinity.
- The tube motor must only be supplied with safety extra low voltage corresponding to the marking on the appliance.
- This appliance contains batteries that are non-replaceable.

Important Installation instructions

WARNING: Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury.

- This motor can only be used with soft material for driven parts.
- Hazardous unprotected moving parts of the drive must be installed higher than 2.5m above the floor or any other level surface that could provide access to it.
- Install the actuating member of a manual release at a height less than 1.8m.
- The actuating member of a biased switch is to be located within direct sight of the driven part but away from moving parts. It is to be installed at a minimum height of 1.5m and not accessible to the public.
- The mass and the dimension of the driven part must be compatible with the rated torque and rated operating time.
- Fixed controls have to be clearly visible after installation.
- The driven part must be compatible with the rated torque (1.1N.m/2.2N.m) and rated operating time (12min).
- Minimum tube diameter: Ø25mm.
- The drive is intended to be installed at a height of at least 2.5m above the floor or any other accessible level surface.
- All-pole disconnection switches must be incorporated in the fixed wiring in accordance with the wiring rules.

FCC Manual

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC ID: ZY4CM03

FCC ID: ZY4CM05

Regulatory Information

1 FCC Information for User

This product does not contain any user serviceable components and is to be used with approved antennas only. Any product changes or modifications will invalidate all applicable regulatory certifications and approvals.

2 FCC Electronic Emission Notices

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference
2. This device must accept any interference received, including interference that may cause undesired operation.

3 FCC Radio Frequency Interference statement

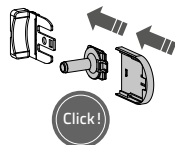
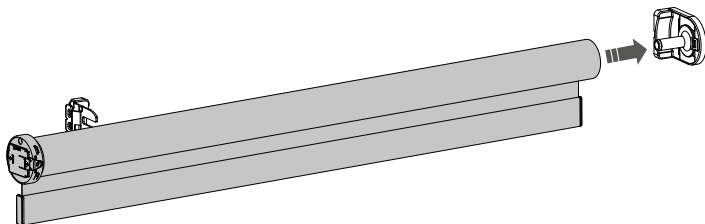
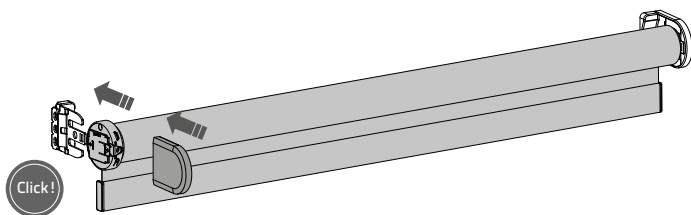
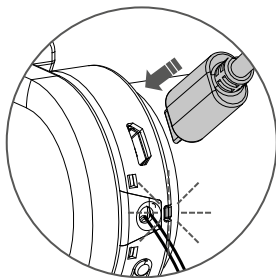
This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

Operation of this equipment in a residential area may cause harmful interference, in which case the user will be required to correct the interference at

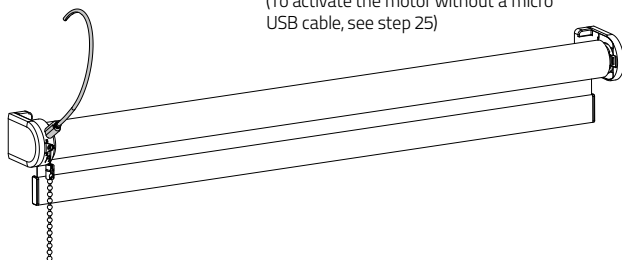
their own expense.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the distance separating the equipment and receiver
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

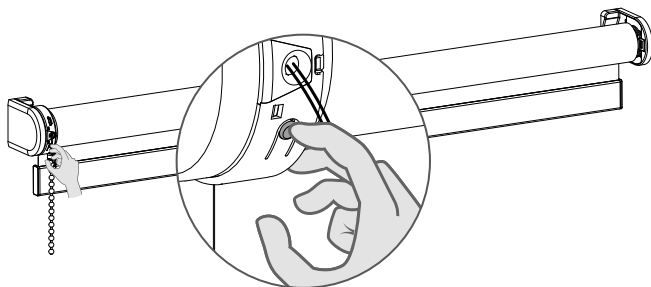
1 Install the blind**2****3****4****5** Activate the motor

Activate the motor by charging it with a micro USB cable. A green LED will start flashing. The motor can be used during charging. (To activate the motor without a micro USB cable, see step 25)

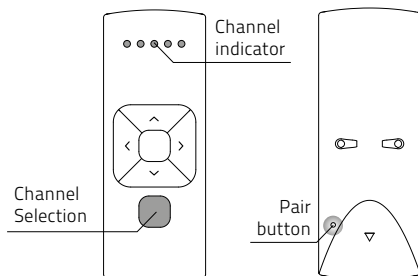


6 Pair a remote

- i** Pair a remote control that is able to program blinds. See pages 4 and 5 for remote control details. In this manual, CM-12 is displayed.



- 6.1** Shortly press the **program** button on the motor. The blind will start stepping, indicating that program mode has been activated. (The blind keeps stepping until the program mode is deactivated.)
- 6.2** Select a desired channel for the blind using the **channel selection** button on the remote control.
- 6.3** Press the **pair** button on the back of the remote control to pair the blind with the selected channel. The blind will shortly stop stepping, indicating that the remote has been paired to the blind.



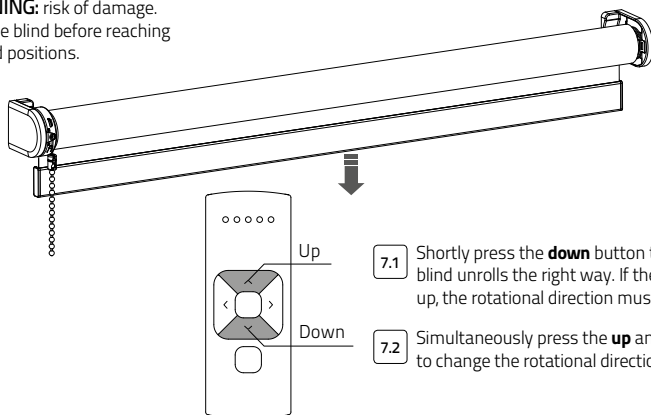
- i** Repeat steps 6.1 - 6.3 to remove a blind from a channel.

- i** End limits must be programmed to use a blind properly and to prevent it from being damaged. Proceed to step 12 if end limits are already set.

7 Check rotational direction

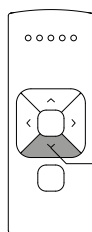
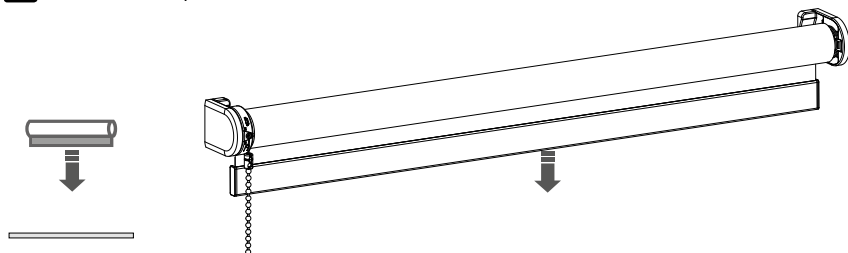


WARNING: risk of damage.
Stop the blind before reaching the end positions.



- 7.1** Shortly press the **down** button to check if the blind unrolls the right way. If the blind moves up, the rotational direction must be changed.
- 7.2** Simultaneously press the **up** and **down** button to change the rotational direction.

8 Set bottom position

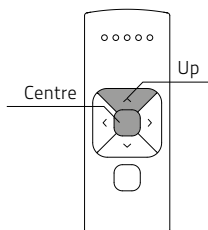
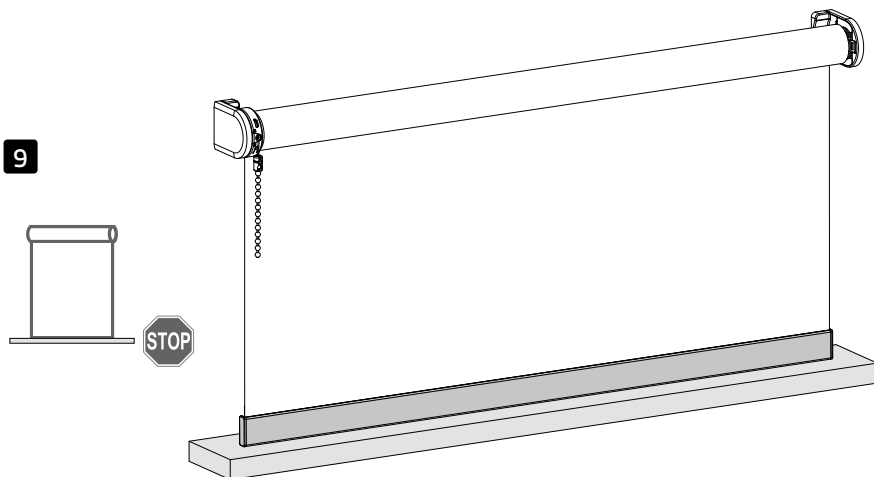


8.1

Press and hold the **down** button until the blind reaches the desired bottom position.

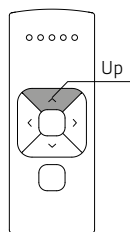
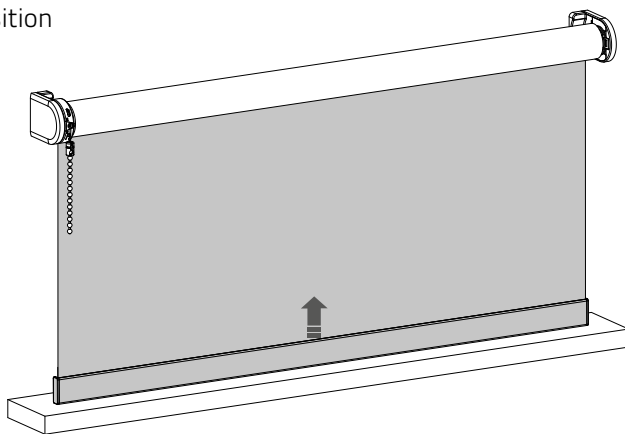
WARNING: risk of damage.
Slowly approach the bottom position.

9



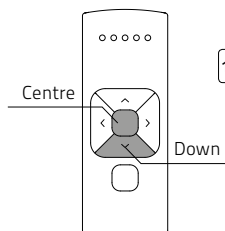
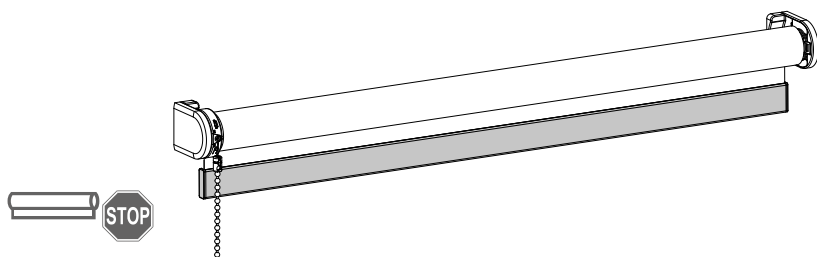
9.1

Simultaneously hold the **centre** and the **up** button until the blind stops stepping and starts stepping again.
The bottom position has been saved.

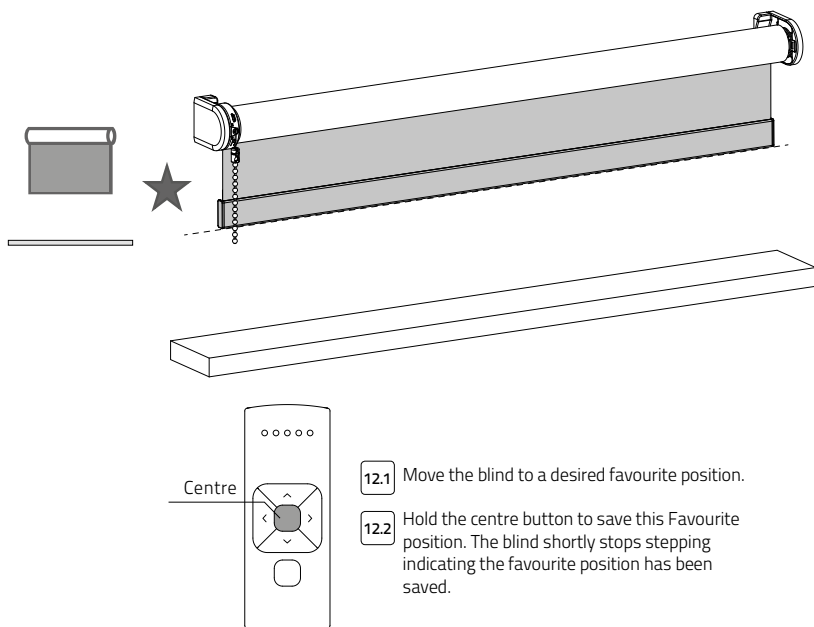
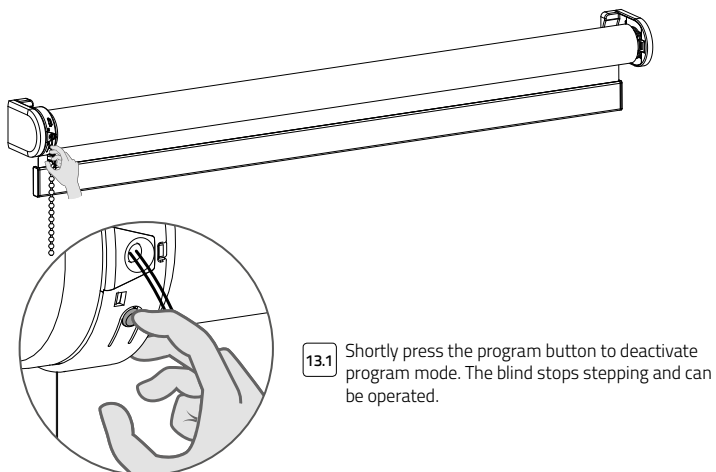
10 Set top position

- 10.1** Press and hold the **up** button until the blind reaches the desired top position.

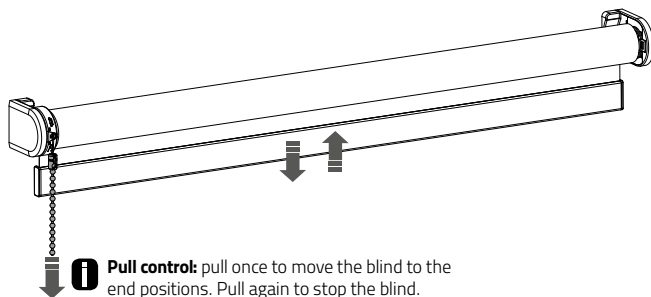
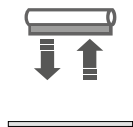
WARNING: risk of damage.
Slowly approach the top position.

11

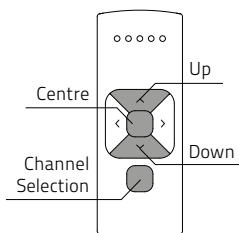
- 11.1** Simultaneously hold the **centre** and the **down** button until the blind stops stepping and starts stepping again.
The top position has been saved.

12 Set favourite position (optional)**13** Deactivate program mode

14 Operate the blind

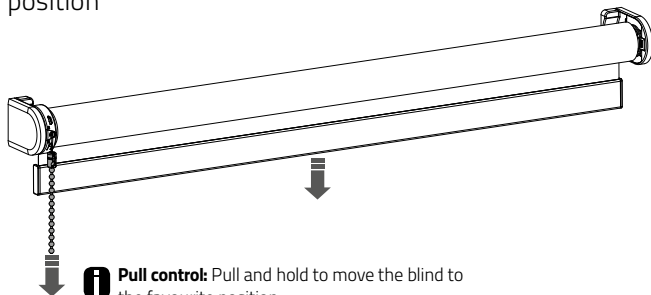
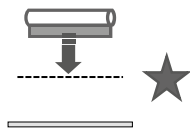


i Pull control: pull once to move the blind to the end positions. Pull again to stop the blind.

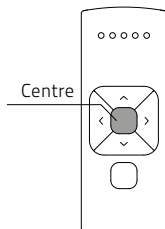


i Remote control: Choose the channel with which the blind has been paired using the **channel** button. Press the **up** or **down** button to operate the blind. Press the **centre** button to stop the blind.

15 Move to favourite position

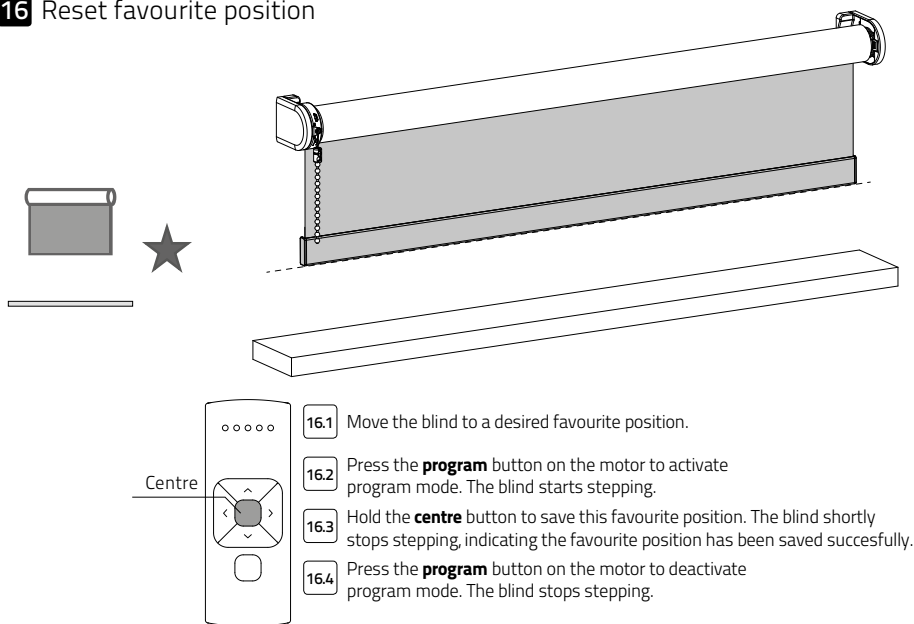


i Pull control: Pull and hold to move the blind to the favourite position.



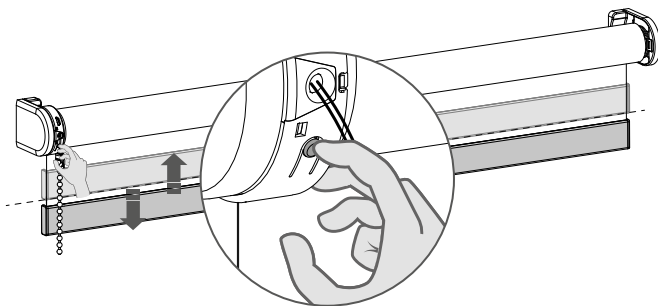
i Remote control: press the **centre** button to move the blind to the favourite position.

16 Reset favourite position



17 Deactivate direct control

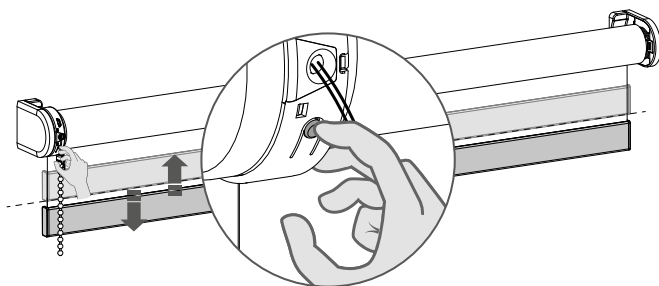
i When pressing the up or down button on the remote control, the blind directly moves to its end positions (direct control). To operate the blind with smaller steps using the up and down button, direct control can be deactivated. Now, the blind only directly moves to its end positions when the up or down button is held longer than two seconds.



- 17.1 Press the **program** button on the motor to activate program mode. The blind starts stepping.
- 17.2 Hold the **program** button until the blind stops stepping (approximately 5 seconds) to deactivate or reactivate direct control.

18 Reset the blind

- i** It is possible to only delete end limits or to do a factory reset.
Factory reset will delete the end limits and remove the connection to any paired remote.

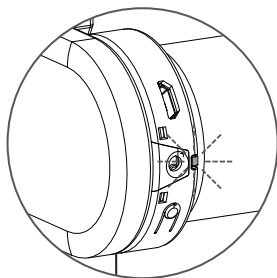


18.1 Press the program button on the motor to activate program mode.

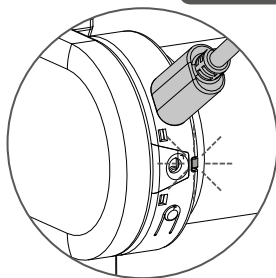
- i** **Delete end limits:** to delete the end limits of the blind, hold the **program** button until the blind stops stepping for the first time, and keep holding the button until the blind stops stepping for the second time. (approximately 10 seconds)
- i** **Factory reset:** to reset the blind to factory defaults hold the button for at least 20 seconds. The blind will stop stepping twice. After the second stop the blind will give one extra step to confirm factory reset.

19 Recharge the battery

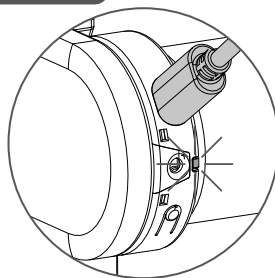
Use a micro USB cable
to charge the motor



LED light flashes
red during operation;
Charge the battery



LED light flashes
green;
battery is charging

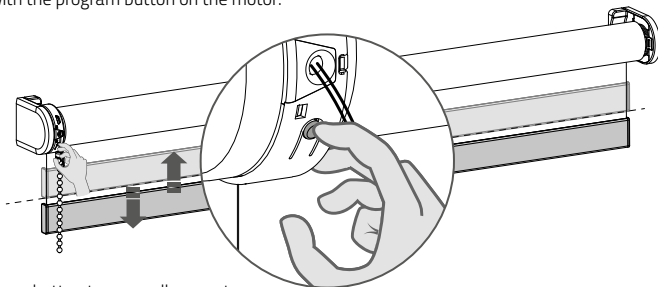


LED light constantly
green;
battery is fully charged

i Advanced options

20 Manual control

- i** In case there is no remote control or pull control, the blind can be operated with the program button on the motor.

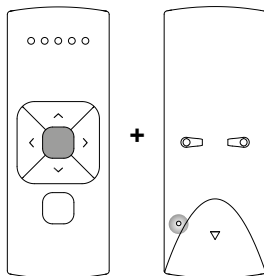


- 20.1** Hold the **program** button to manually operate the blind. The blind will move as long as the button is being pressed. (max. 15 sec.)
- 20.2** To move the blind in opposite direction, release the **program** button and repeat step 20.1.

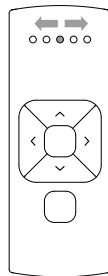
21 Single select 5 channel remote

- i** Single select makes it possible to activate program mode on a single blind through a remote control, without having to physically press the program button on the blind.

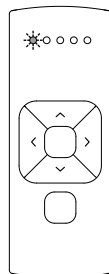
- 21.1** To activate Single select, simultaneously hold the **centre** button and press the **pair** button.



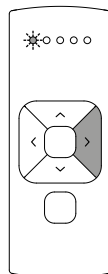
- 21.2** The remote starts searching for blinds (search mode). This is indicated by the LEDs flashing from left to right.



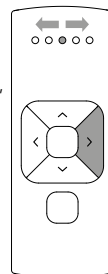
- 21.3** Once a blind is found, the channel LED will flash and the blind starts stepping, indicating that program mode has been activated. The blind can now be (un)paired to the remote and/or programmed.



- 21.4** To search for the next blind, press the **right** button. Search mode will be activated. To find the previous blind, press the left button.



- 21.5** To exit Single select, press the **right** button during search mode.



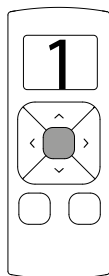
22 Single select 15 channel remote



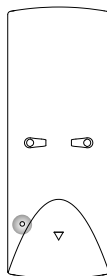
Single select makes it possible to activate program mode on a single blind through a remote control, without having to physically press the program button on the blind.

22.1

To activate Single select, simultaneously hold the **centre** button and press the **pair** button.

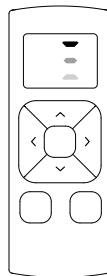


+



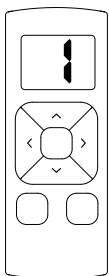
22.2

The remote starts searching for blinds (search mode). This is indicated by the horizontal bars on the remote.



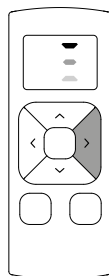
22.3

Once a blind is found, the channel number will flash and the blind starts stepping, indicating that program mode has been activated. The blind can now be (un)paired to the remote and/or programmed.



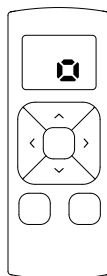
22.4

To search for the next blind, press the **right** button. Search mode will be activated. To find the previous blind, press the left button.



22.5

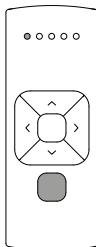
To exit Single select, press the **right** button during search mode. The display shows the letter **O**.



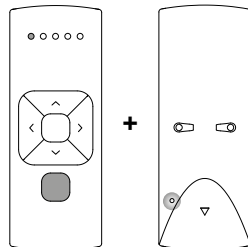
23 Channel select 5 channel remote

i Channel select makes it possible to copy blinds in between channels/remotes without having to physically press the program button on the motors.

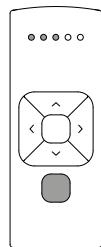
- 23.1** Select the channel from which the blinds must be copied.



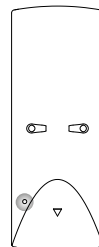
- 23.2** To activate channel select, simultaneously hold the **channel selection** button and press the **pair** button.



- 23.3** All blinds in the selected channel will start stepping, indicating program mode has been activated. All blinds can be copied to a new channel on the same remote or a different remote. Select a new channel on the (new) remote.



- 23.4** Press the pair button on the (new) remote to pair the blinds with the new channel.

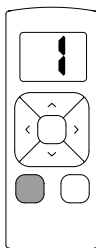


- 23.5** To exit channel select, go back to the channel selected at step 23.1 and repeat step 23.2

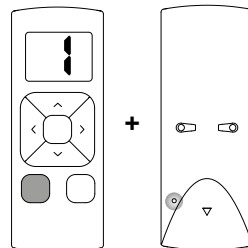
24 Channel select 15 channel remote

i Channel select makes it possible to copy blinds in between channels/remotes without having to physically press the program button on the motors.

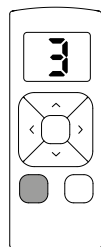
- 24.1** Select the channel you would like to copy.



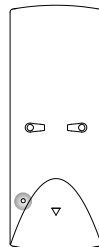
- 24.2** To activate channel select, simultaneously hold the **channel selection** button and press the **pair** button.



- 24.3** All blinds in the selected channel will start stepping, indicating program mode has been activated. All blinds can be copied to a new channel on the same remote or to different remotes. Select a channel on a (new) remote.



- 24.4** Press program button on the (new) remote to pair the blinds with the (new) remote.

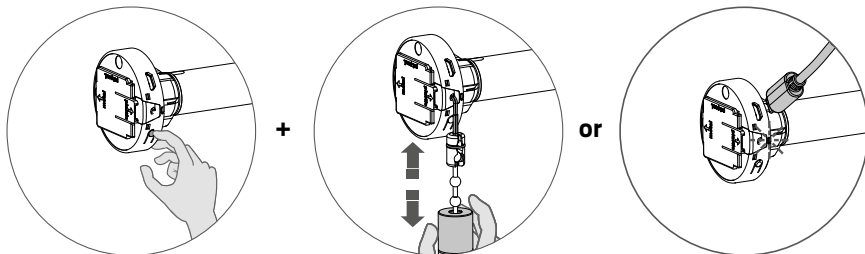


- 24.5** To exit channel select, choose the channel you selected at step 24.1 and repeat step 24.2

25 Activate / deactivate the motor

i To prevent the blind from getting damaged, the motor has a transport mode that makes sure the blind will not be activated before installation.

25.1 Hold the program button and pull twice to activate or deactivate the motor.
The motor can also be activated by charging it with a micro USB cable.



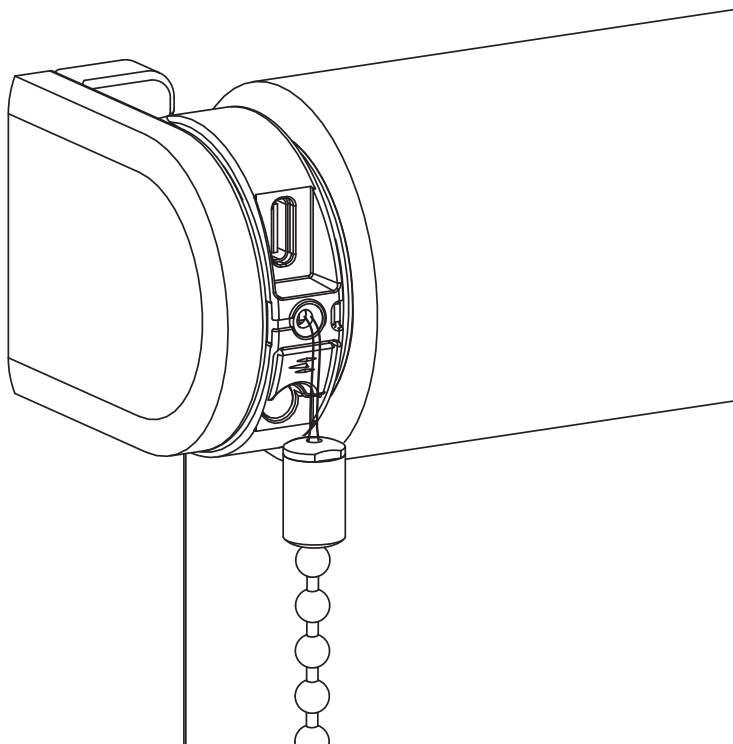
Frequently Asked Questions

Problem	Cause	Solution
Blind does not work.	Motor is in transport mode.	Activate the motor. See step 25.
	Motor battery is empty.	Charge the motor. See step 19.
	Remote battery is empty. (LEDs of remote are flashing rapidly.)	Replace the battery in the remote. See the manual of the remote.
	Remote battery is inserted incorrectly.	Replace the battery in the remote. See the manual of the remote.
	Radio-frequency interference	Make sure that the antenna of the motor is out of the way of metal objects.
	The distance from the remote to the motor is too far.	Move closer to the motor.
	The remote is not connected to the blind.	Pair the remote with the motor. See step 6.
Motor LED flashes red.	The battery of the motor is empty.	Charge the motor. See step 19.
Blind is not charging.	Charger is not plugged in or does not work.	Try a different charger or make sure the charger is plugged in the outlet.
Multiple blinds respond to a remote. (Unable to program a single blind)	Multiple blinds are paired with a single channel.	Pair the blind with a free channel to program or use single select to program the blind.
Blind moves in small steps.	1) No end limits are programmed. 2) Direct control is deactivated.	1) Program end limits. See step 8 - 11. 2) Activate direct control. See step 17.
Favourite position can not be programmed.	No end limits are programmed.	Program end limits. See step 8 - 11.
Blind lowers too far.	End limits are programmed incorrectly.	Reprogram end limits. See step 8 - 11.
Blind moves in the opposite direction.	The rotational direction has been set incorrectly.	Change the rotational direction. See step 7.
The blind keeps moving up and down.	The blind is in program mode.	Press the program button on the motor to exit program mode.

User Manual

Roller Blind

Motor CM-03-E



WARNING

Read the instructions carefully before assembling and using the product. Assembly can be completed by non-professionals. For indoor use only.



- Young children can strangle themselves with the loop of pull cords, chains and tapes, and cords that operate window coverings.
- To avoid strangulation and entanglement, keep cords out of reach of young children.
- Cords may ensnare a child's neck.
- Move beds, cots and furniture away from window covering cords.
- Do not tie cords together.
- Make sure cords do not twist together and form a loop.

2

Cleaning

Follow these general rules when cleaning the outside of the device and its components:

- Use a damp, soft, lint-free cloth. Avoid getting moisture in openings.
- Do not use aerosol sprays, solvents, alcohol, or abrasives.

Service & Support

Do not perform repairs yourself. Do not attempt to open the device or disassemble it. You run the risk of electric shock and voiding the limited warranty. No user-serviceable parts are inside.

Warranty Service

First follow the advice in this manual. If the product appears to be damaged or does not function properly, go to your local dealer for instructions on how to obtain warranty service.

Recycle

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

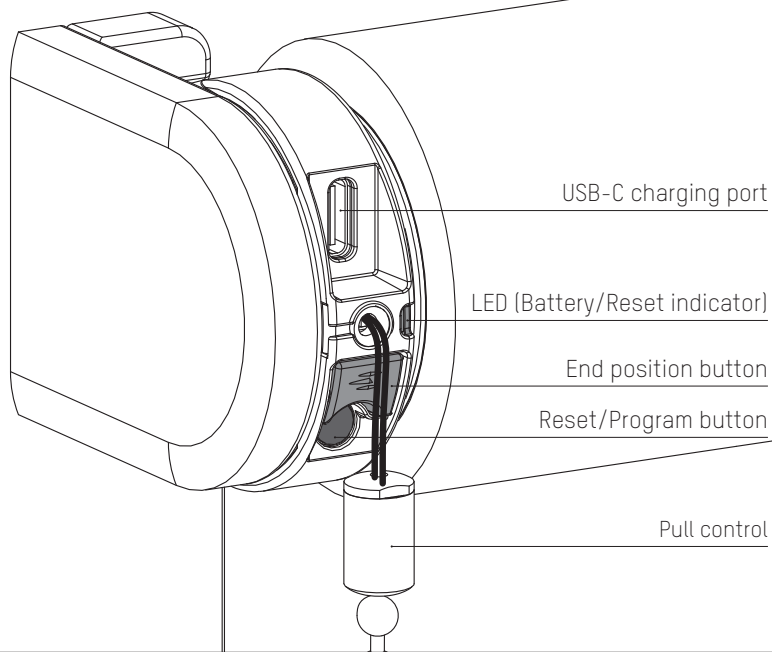


IP 20



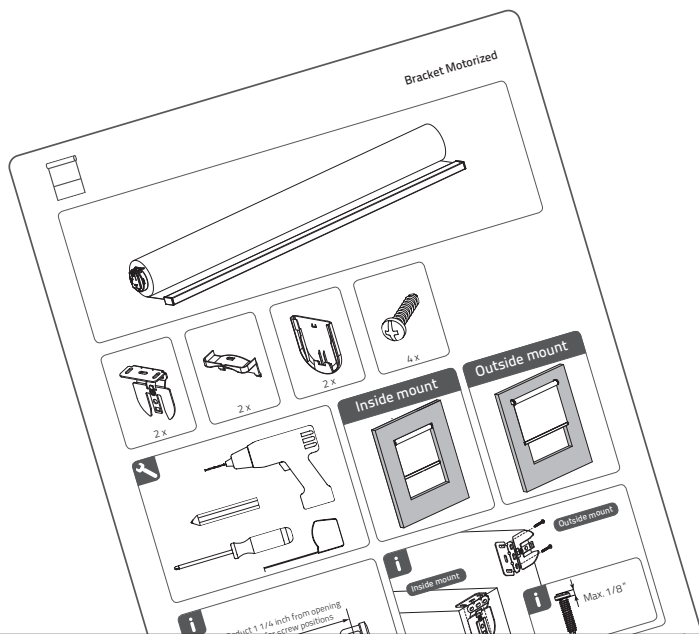
Conforms to
UL Std. 325

Buttons and functions



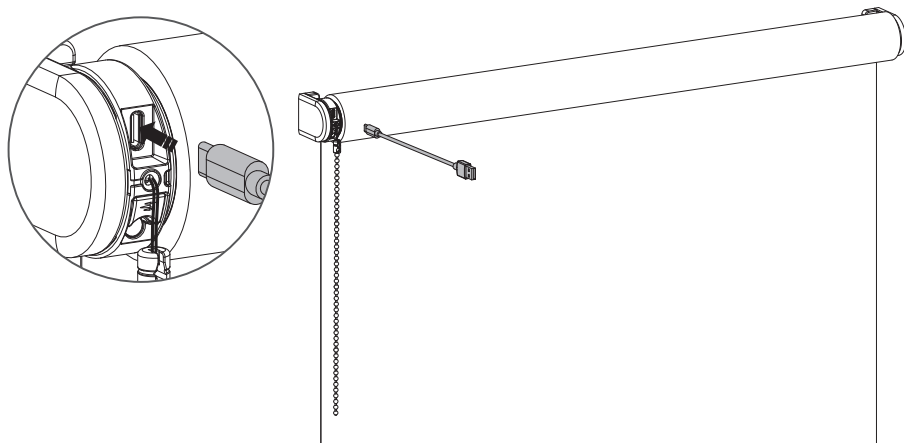
1 Install the blind

Follow the steps in the installation instructions to install the blind.



2 Activate the blind

To activate the blind, connect it to a standard USB-C 5V power supply via a USB-C cable. This can be your smartphones power adapter, for example.



3 Add Eve MotionBlinds to your platform

Eve Motionblinds motors support Matter and Thread, making them work with all major platforms. To setup and control Eve Motionblinds, you need a border router with Thread and Matter from the platform you choose and your devices must meet specific requirements.

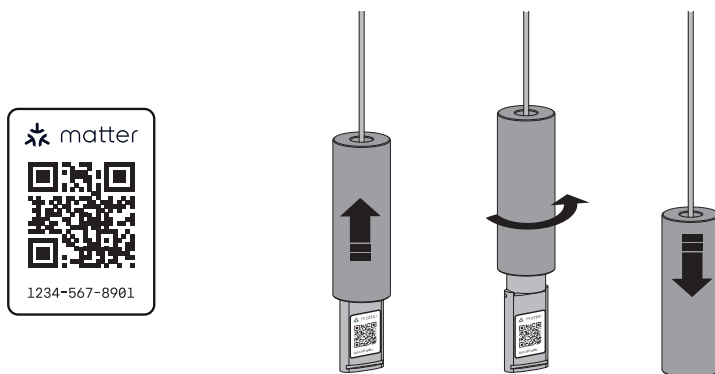


4 Setup the blind

Scan the Matter Setup Code through the app from the smart home platform of your choice to add Eve Motionblinds to the platform.

Eve MotionBlinds needs end positions to work properly. End positions can be programmed in two ways. In the Eve app or by the end position programming button on your blind. (Step 5)

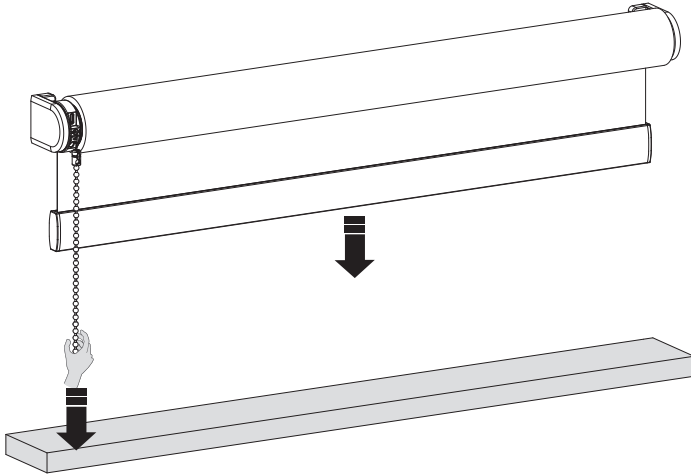
After scanning you can hide your Matter Setup Code.



5 Set end positions

Beside setting the end positions by the app you are able to set the end positions by pressing the button on the motor. Pull and hold the chain until the blind has reached the bottom position. If the blind moves in the opposite direction, release the chain and pull and hold again.

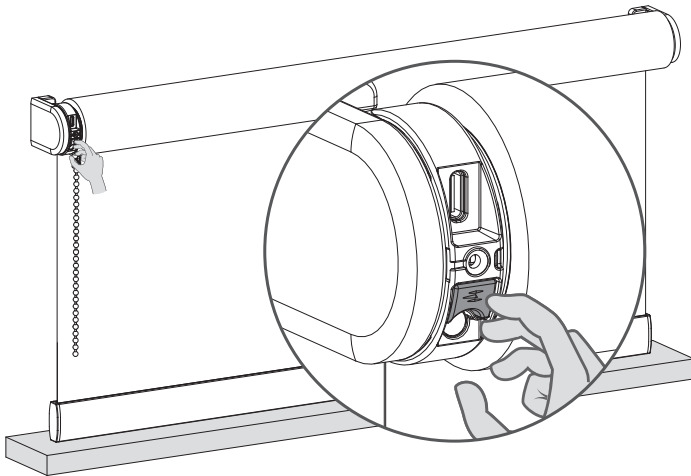
Adjust until the desired bottom position has been reached.



6

6 Save your bottom position

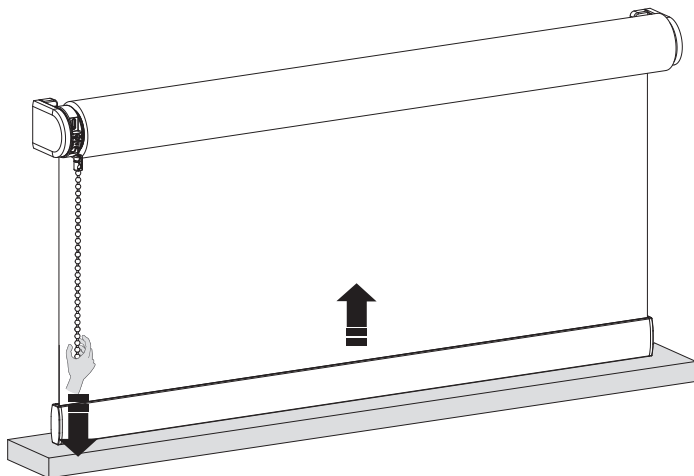
When your blind is positioned at your bottom position hold the button until the blind moves up and down to save your bottom position.



7 Move your blind to the top position

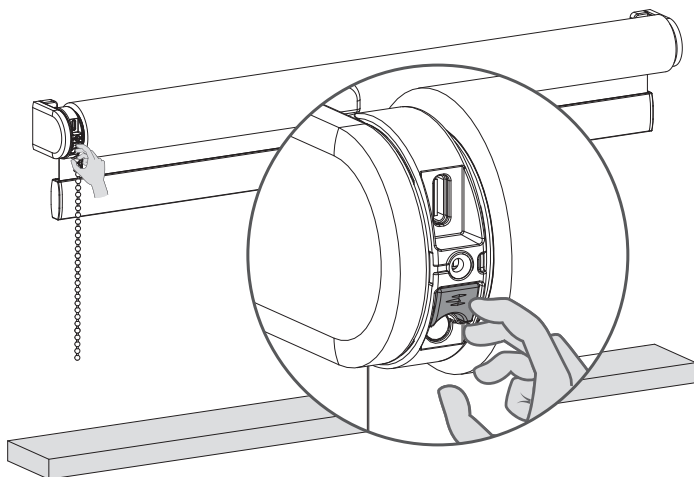
Pull and hold the chain until the blind has reached the top position. If the blind moves in the opposite direction, release the chain and pull and hold again.

Adjust until the desired top position has been reached.



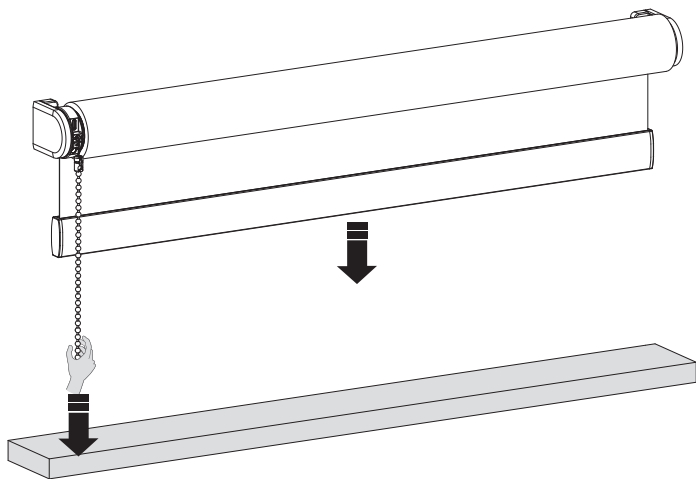
8 Save your top position

When your blind is positioned at your top position hold the button until the blind moves up and down to save your top position.



9 Adjust your end positions

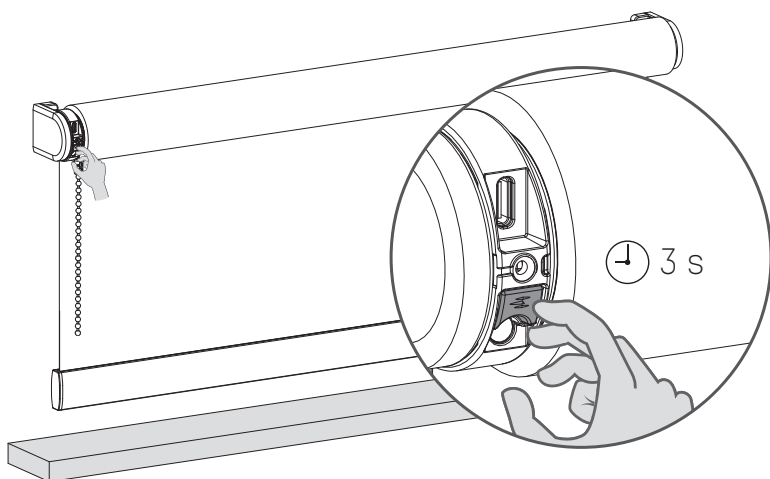
To adjust one of your end positions you need to place your blind at the end position you want to adjust. Pull and wait until the blind has reached the end position you want to adjust.



8

10 Remove your (bottom/top) position

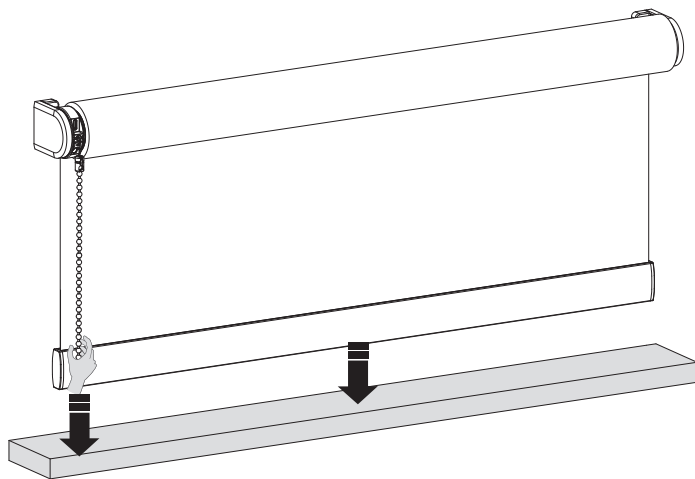
Hold the end position program button for 3 seconds to remove your (bottom/top) position. The blind will step up and down once to confirm that your end position has been removed. You are now able to set a new (bottom/top) position.



11 Move your blind to the new (bottom) position

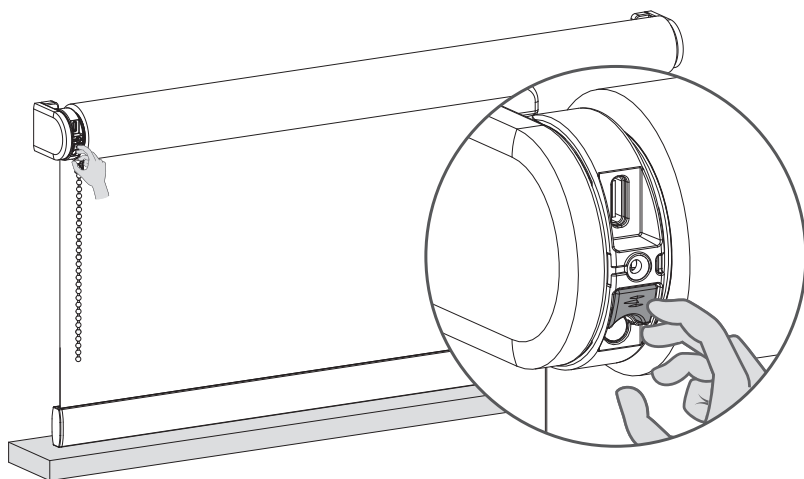
Pull and hold the chain until the blind has reached the bottom position. If the blind moves in the opposite direction, release the chain and pull and hold again.

Adjust until the desired bottom position has been reached.



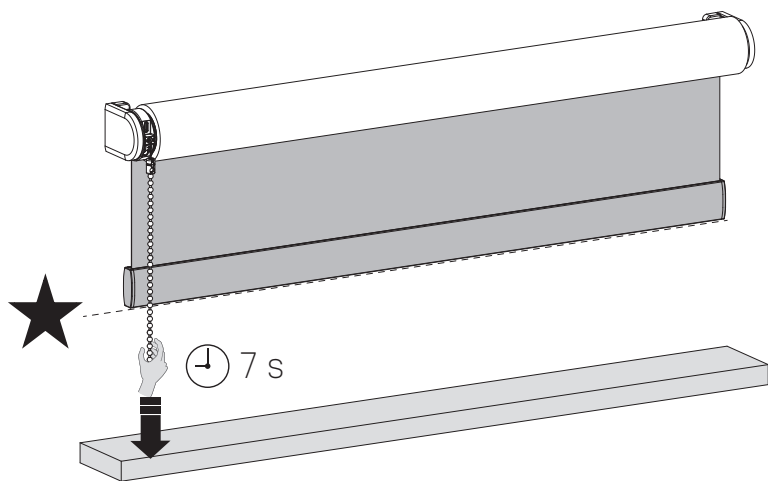
12 Save your (bottom) position

When your blind is positioned at your bottom position hold the button until the blind moves up and down to save your bottom position.



13 Save the favorite position

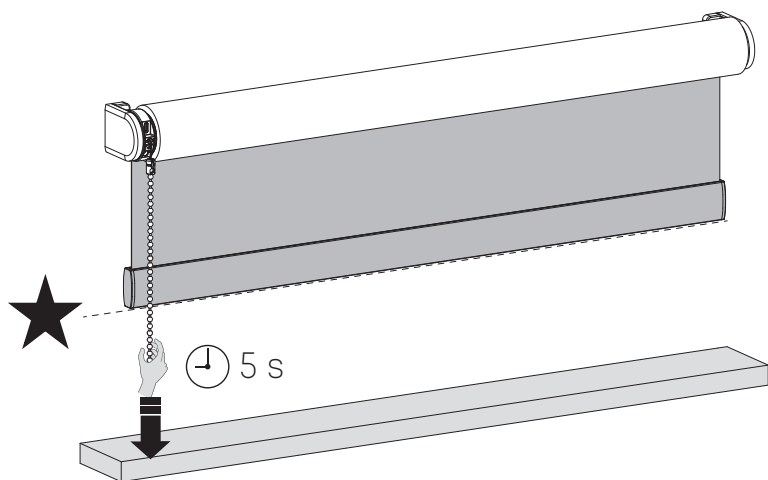
When there is no favorite position programmed you need to position your blind at your favorite position. When the blind is at your favorite position hold the pull until the blind steps up and down once. (Approximately 7 seconds)



10

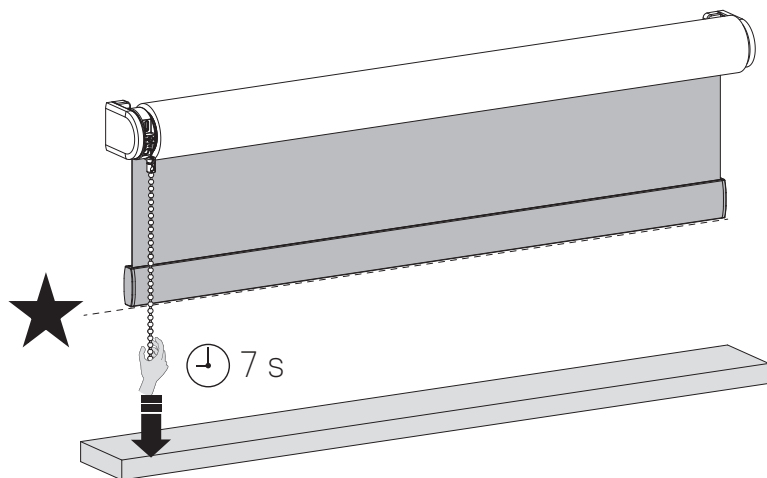
14 Control your blind to favorite position

When your blind is not positioned at the favorite position hold the pull for 5 seconds and your blind will move to its favorite position.



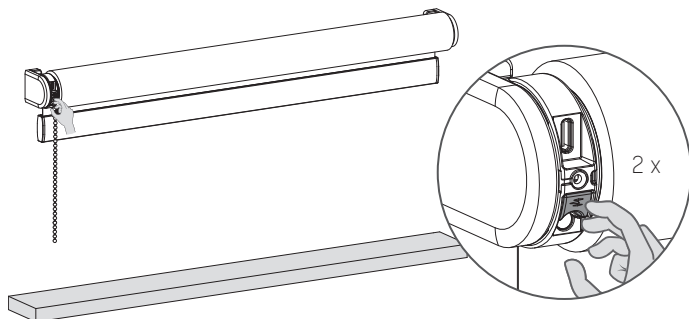
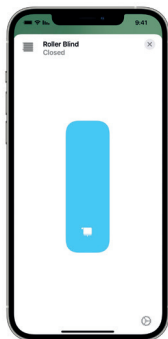
15 Save a new favorite position

To remove your previous favorite position you need to place your blind at your current favorite position. (Step 10) Then Hold the pull until the blind steps up and down once. (Approximately 7 seconds) Your favorite position is now removed. Follow step 9 to set your new favorite position.



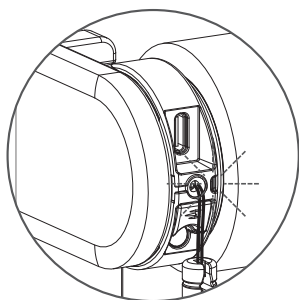
i Change direction of rotation

If the position of the blind in the app is opposite to your blind, change the direction of rotation by pressing the End Position button twice within one second.

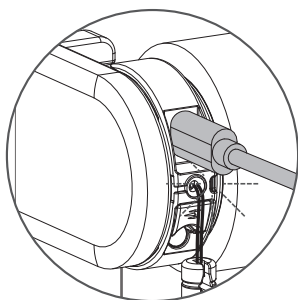


i Recharge the blind

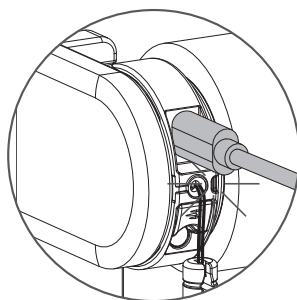
To charge the blind, connect it to a standard USB-C 5V power supply via a USB-C cable. This can be your smartphones power adapter, for example. Charge at least once a year.



LED light flashes
red during operation;
Charge the battery



LED light flashes
green; battery is
charging



LED light constantly
green; battery is fully
charged

Important Safety instructions

WARNING: To reduce the risk of severe injury or death, it is important to follow these instructions for personal safety. Save these instructions.

- Read and follow all installation instructions.
- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children should not play with the appliance. Cleaning and user maintenance should not be performed by children without supervision.
- Do not allow children to play with fixed controls. Keep remote controls away from children.
- Frequently examine the installation for imbalance and signs of wear or damage to cables and springs. Do not use if repair or adjustment is necessary.
- This instruction manual is also available on the website.
- The drive must be disconnected from its power source during cleaning, maintenance and when replacing parts.
- The A-weighted emission sound pressure level of the drive is equal to or less than 70dB(A).
- Indoor and household use only.
- Disconnect the drive from the power supply or switch off the automatic controls when maintenance, such as window cleaning, is being carried out in the vicinity.
- When operating a biased switch, make sure that other persons are kept away.
- Do not operate when maintenance, such as window cleaning, is being carried out in the vicinity.
- The tube motor must only be supplied with safety extra low voltage corresponding to the marking on the appliance.
- Maximum operating temperature of motor is +55°C. Maximum charging temperature of battery pack is +45°C.
- This appliance contains batteries that are non-replaceable.

Important Installation instructions

WARNING: Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury.

- This motor can only be used with soft material for driven parts.
- Hazardous unprotected moving parts of the drive must be installed higher than 2.5m above the floor or any other level surface that could provide access to it.
- Install the actuating member of a manual release at a height less than 1.8m.
- The actuating member of a biased switch is to be located within direct sight of the driven part but away from moving parts. It is to be installed at a minimum height of 1.5m and not accessible to the public.
- The mass and the dimension of the driven part must be compatible with the rated torque and rated operating time.
- Fixed controls have to be clearly visible after installation.
- The driven part must be compatible with the rated torque 1.1 N.m and rated operating time (12 min).
- Minimum tube diameter: Ø25mm.
- The drive is intended to be installed at a height of at least 2.5m above the floor or any other accessible level surface.
- All-pole disconnection switches must be incorporated in the fixed wiring in accordance with the wiring rules.
- The appliance must only be supplied at safety extra low voltage corresponding to the marking on the appliance.
- Before installing the drive, remove any unnecessary cords or components and disable any equipment not needed for powered operation.

1 FCC Information for User

This product does not contain any user serviceable components and is to be used with approved antennas only. Any product changes or modifications will invalidate all applicable regulatory certifications and approvals.

2 FCC Electronic Emission Notices

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference
2. This device must accept any interference received, including interference that may cause undesired operation.

3 FCC Radio Frequency Interference statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

Operation of this equipment in a residential area may cause harmful interference, in which case the user will be required to correct the interference at their own expense. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the distance separating the equipment and receiver
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

To satisfy FCC / IC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.

EU Declaration

Hereby, Coulisse declares that the radio equipment type CM-03-E is in compliance with directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: support.motionblinds.com

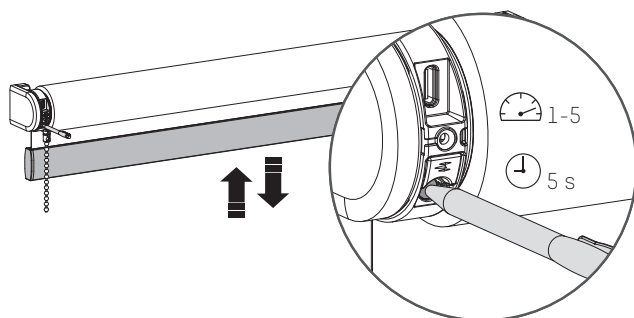
- Frequency range: 433 MHz, RF power: 2.32 dBm
- Frequency range BLE: 2402 - 2480 MHz, RF power: 3 dBm EIRP
- Frequency range Thread: 2405 - 2480 MHz, RF power: < 20 dBm EIRP

ISED Compliance

This device contains licence-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: This device may not cause interference. This device must accept any interference, including interference that may cause undesired operation of the device.

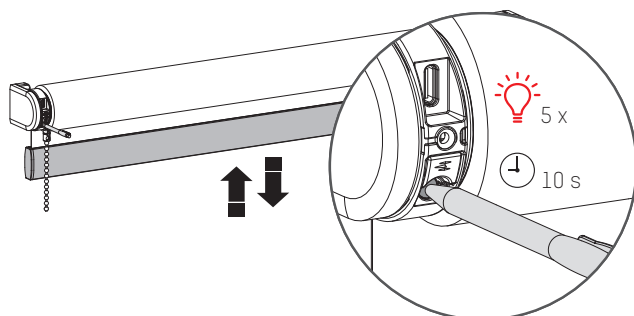
i Change motor speed / sound level

Hold the program button for 5 seconds to change the motor speed / sound level. The blind steps up and down 1 time to indicate that the speed has been adjusted to 1 of the 5 levels. Warning: release the button after 5 seconds when the blind steps up and down to avoid resetting the connection.



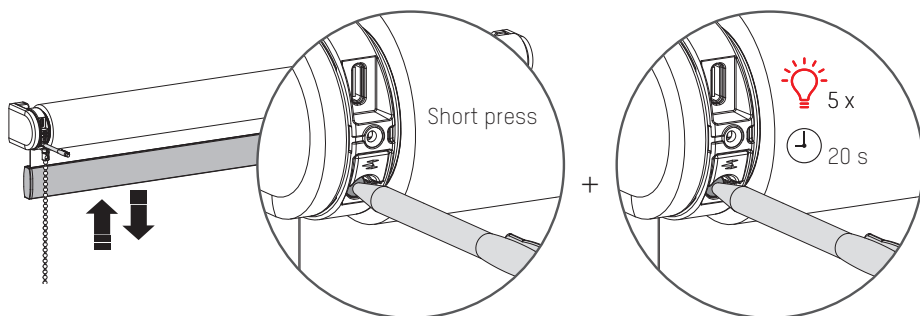
i Reset the connection

Hold the program button for 10 seconds to delete the connection between the blind and the app. The LED lights up 5 times and the blind steps up and down 1 time to indicate that the connection is reset. Now the blind can be reconnected.



i Reset the blind

Resetting the blind results in deleting the end positions and connections of the blind with apps and remote controls. Shortly press the program button to activate program mode. The blind will start stepping up and down. Hold the reset/program button for at least 20 seconds to reset the blind. The blind will stop stepping twice. After the second stop, the blind will give one extra step to indicate that it has been reset.

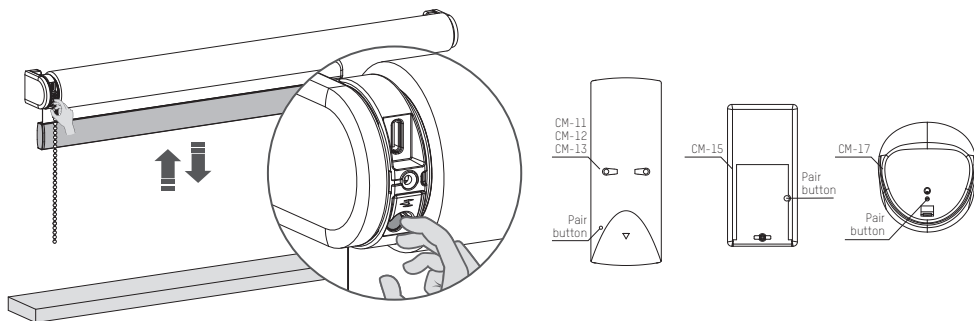


REMOTE PROGRAMMING

1 Pair a remote control

Any MotionBlinds remote can be connected to your blind.

- 1 Select a channel on the remote and press the program button on the motor to activate program mode. The blind will start stepping up and down.



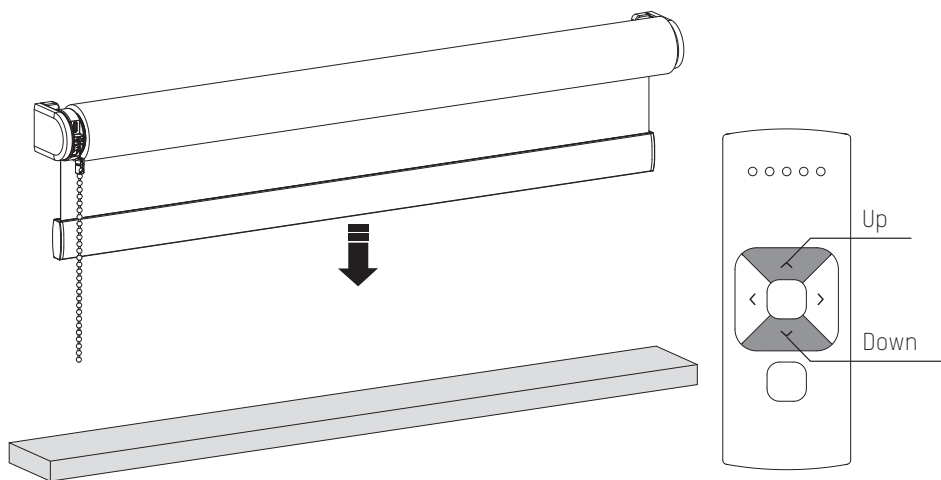
- 2 Press the pair button on the back of the remote control to pair the blind with the selected channel. The blind will shortly stop stepping, indicating that the remote has been paired to the blind.
- 3 Shortly press the program button to deactivate program mode. The blind stops stepping and can be operated.

18

2 Check rotational direction

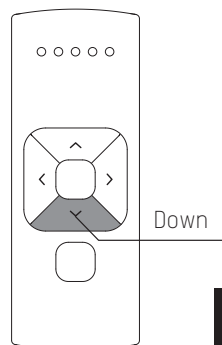
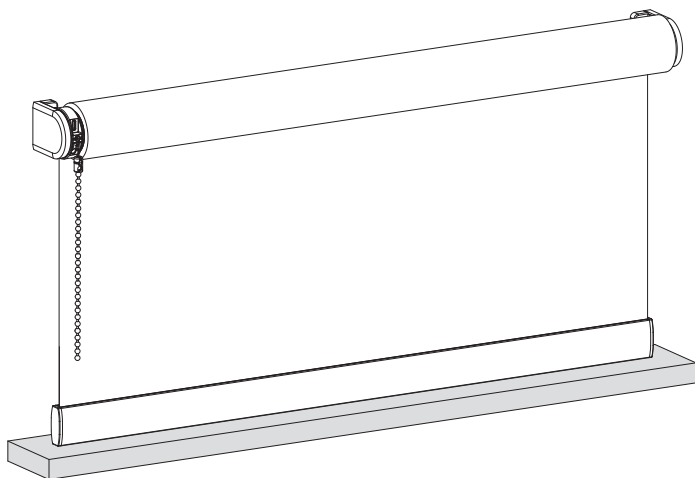
WARNING: risk of damage. Stop the blind before reaching the end positions.

- 1 Shortly press the down button to check if the blind unrolls the right way. If the blind moves up, the rotational direction must be changed.
- 2 Simultaneously press the up and down button to change the rotational direction.



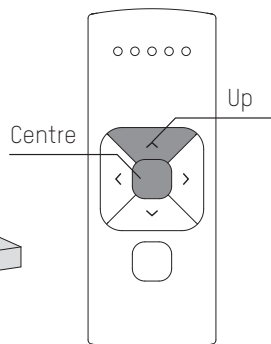
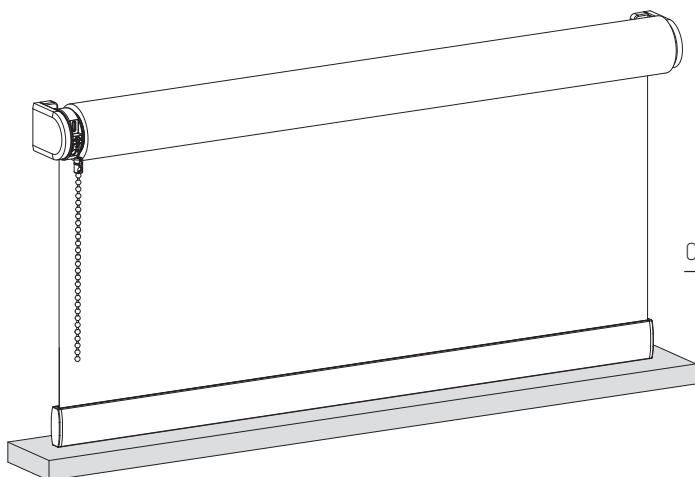
3 Set bottom position

Press and hold the down button until the blind reaches the desired bottom position. **WARNING:** risk of damage. Slowly approach the bottom position.



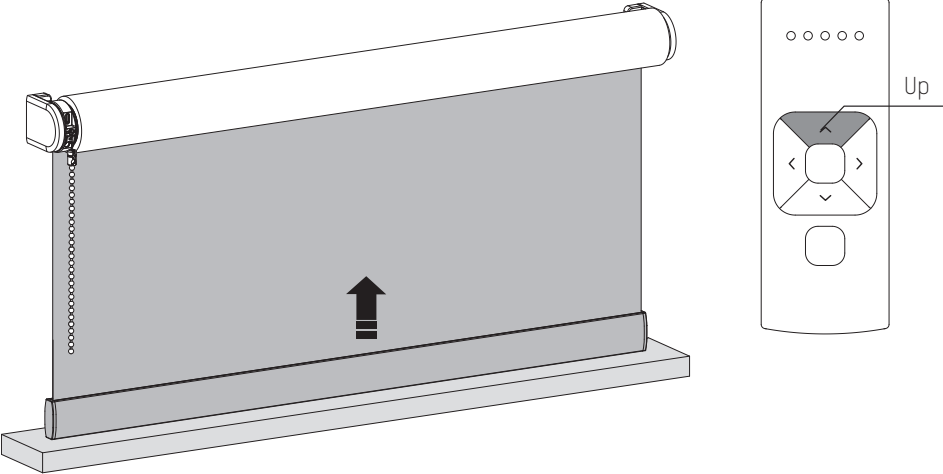
4 Save bottom position

Simultaneously hold the centre and the up button until the blind stops stepping and starts stepping again. The bottom position has been saved.



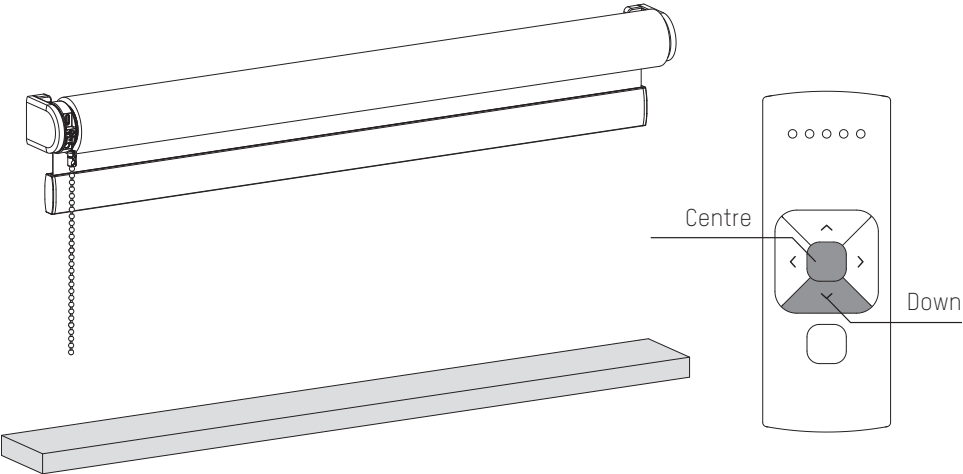
5 Set top position

Press and hold the up button until the blind reaches the desired top position.
WARNING: risk of damage. Slowly approach the top position.



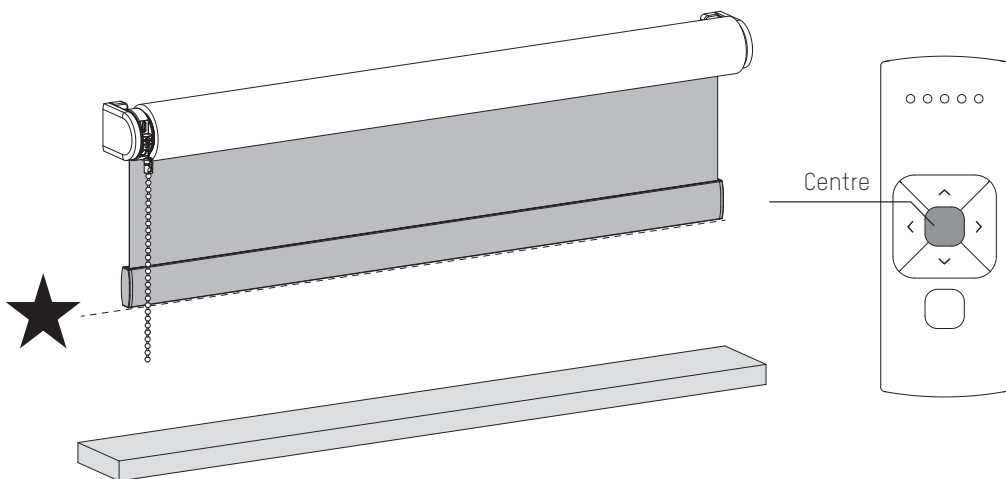
6 Save top position

Simultaneously hold the centre and the down button until the blind stops stepping and starts stepping again. The top position has been saved.



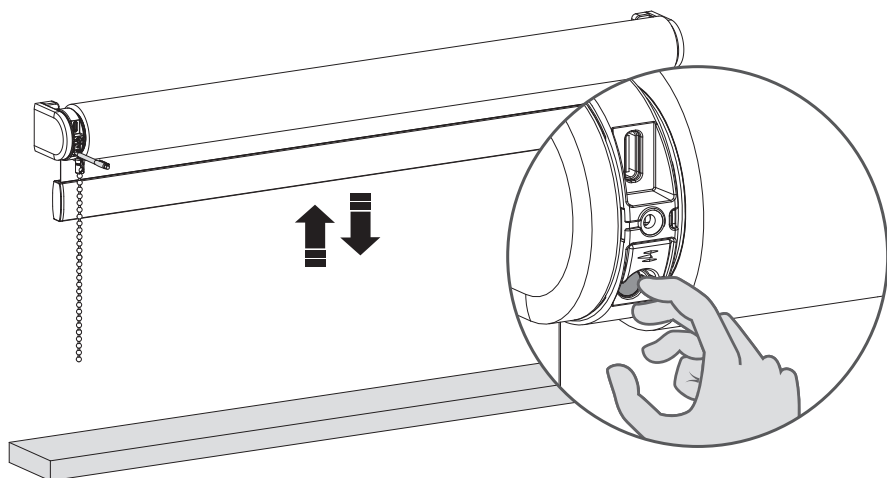
7 Set favorite position (optional)

- 1 Move the blind to a desired favourite position.
- 2 Hold the centre button to save this Favourite position. The blind shortly stops stepping indicating the favourite position has been saved.



8 Deactivate program mode

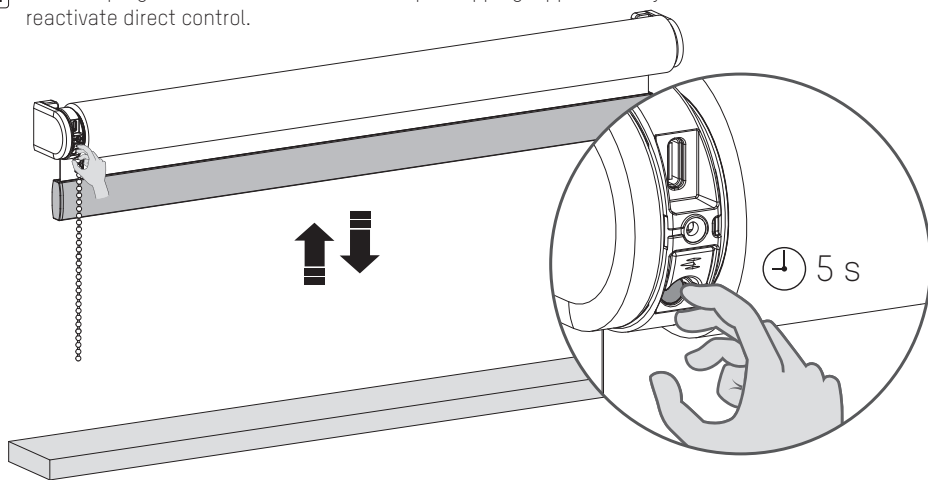
Shortly press the program button to deactivate program mode. The blind stops stepping and can be operated.



i Deactivate direct control for remote control

When pressing the up or down button on the remote control, the blind directly moves to its end positions (direct control). To operate the blind with smaller steps using the up and down button, direct control can be deactivated. Now, the blind only directly moves to its end positions when the up or down button is held longer than two seconds.

- 1** Press the program button on the motor to activate program mode. The blind starts stepping.
- 2** Hold the program button until the blind stops stepping (approximately 5 seconds) to deactivate or reactivate direct control.

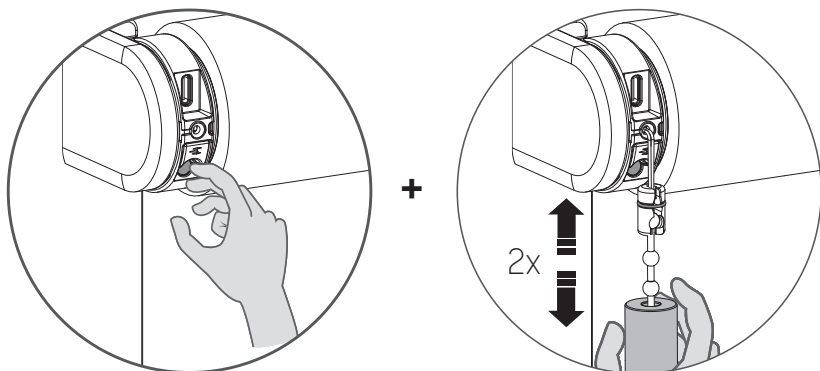


FAQ

i Activate / deactivate the motor (Transport mode)

To prevent the blind from getting damaged, the motor has a transport mode that makes sure the blind will not be activated before installation.

- 1** Hold the program button and pull twice to activate or deactivate the motor. (When the motor is activated a green LED will light up, When the motor is deactivated a red LED will light up)



Problem	Cause	Solution
Blind does not work.	Motor is in transport mode.	Activate the motor. See page 4/24.
	Motor battery is empty.	Charge the motor. See page 12.
	Remote battery is empty. (LEDS of remote are flashing rapidly.)	Replace the battery in the remote. See the manual of the remote.
	Remote battery is inserted incorrectly.	Replace the battery in the remote. See the manual of the remote.
	Radio-frequency interference	Make sure that the antenna of the motor is out of the way of metal objects.
	The distance from the phone/bridge/remote to the motor is too far.	Move closer to the motor.
	The remote is not connected to the blind.	Pair the remote with the motor. See page 18.
Motor LED flashes red.	The battery of the motor is empty.	Charge the motor. See page 12.
Blind is not charging.	Charger is not plugged in or does not work.	Try a different charger or make sure the charger is plugged in the outlet.
Multiple blinds respond to a remote. (Unable to program a single blind)	Multiple blinds are paired with a single channel.	Pair the blind with a free channel to program or use single select to program the blind.
Blind moves in small steps.	1) No end limits are programmed. 2) Direct control is deactivated.	1) Program end limits. See page 6-7, 18-20. 2) Activate direct control. See page 22.
Favourite position can not be programmed.	No end limits are programmed.	Program end limits. See page 6-7, 18-20.
Blind lowers too far.	End limits are programmed incorrectly.	Reprogram end limits. See step 6-7, 18-20.
Blind moves in the opposite direction.	The rotational direction has been set incorrectly.	Change the rotational direction. See page 11, 18.
The blind keeps moving up and down.	The blind is in program mode.	Press the program button on the motor to exit program mode.
The blind will not connect with your Thread-network.	The blinds connection is not stable.	1) Turn on Bluetooth 2) De-activate the motor and re-activate the motor and try to connect again. See page 24 3) Close the app and reconnect with your motor.