

UMBRA&MOTORISATION

Vestamatic VRS Motor

Radio Control



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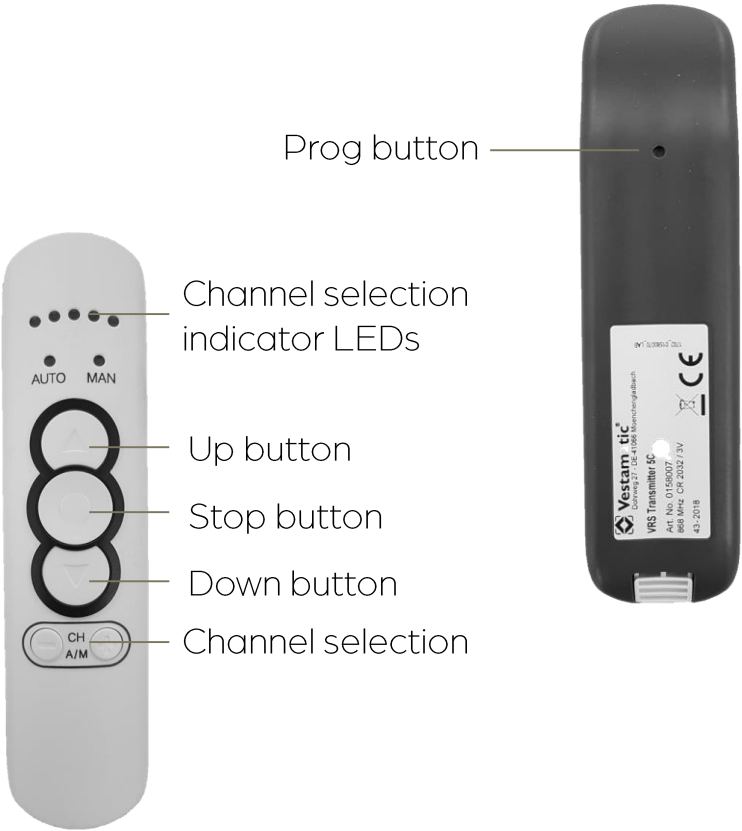
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VRS controls explained



Remote Control



Wall Switch

Before You Start – Important Information



- Only the blind you want program can be connected to the power whilst programming. Disconnect all other blinds from the power to avoid interference.

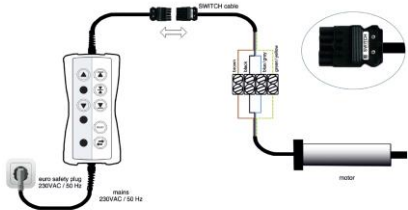


- Take care to protect the radio antenna on the head of the motor. If this becomes damaged there is likely to be an impact on the control reliability
- Max distance between motor and remote: 20m
- Max number of motors per remote: 10
- VRS and IO are both radio protocols that Vestamatic use however they are not compatible with each other. i.e. VRS motors can only be controlled from a VRS remote control (hand-held or wall switch)
- Motor setup is easier and simpler when done using the Progset tool. One of these tools should always be with you just in case you need to perform a complete motor reset via the cable.

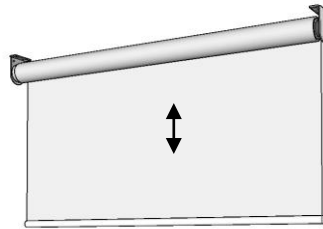
Recommended Process Overview

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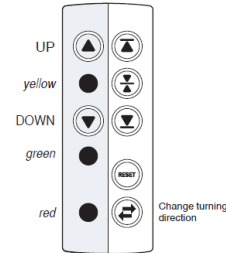
Setup is possible without the Progset tool but the tool makes it easier (Page 17 onwards)



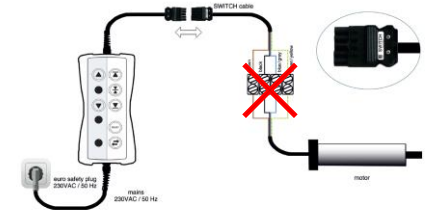
Connect your blind to the Progset tool (Page 6)



Check and adjust the turning direction (Page 10)

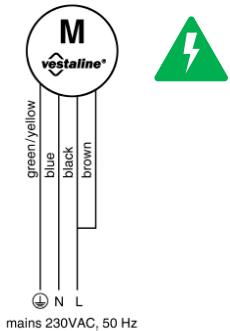


Set the limits (Page 11)

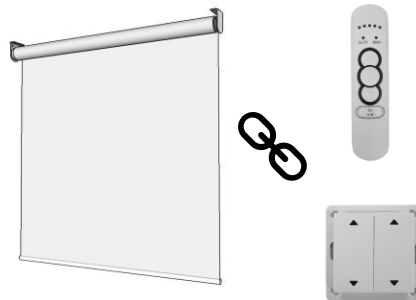


Disconnect the Progset tool

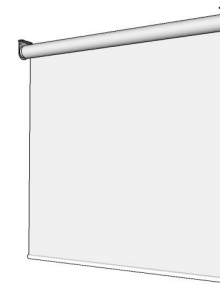
Radio / VRS mode



Connect the motor to continuous power (Page 14)



Pair the remote control (Pages 15 & 16)



Setup Complete

Prog-set Tool

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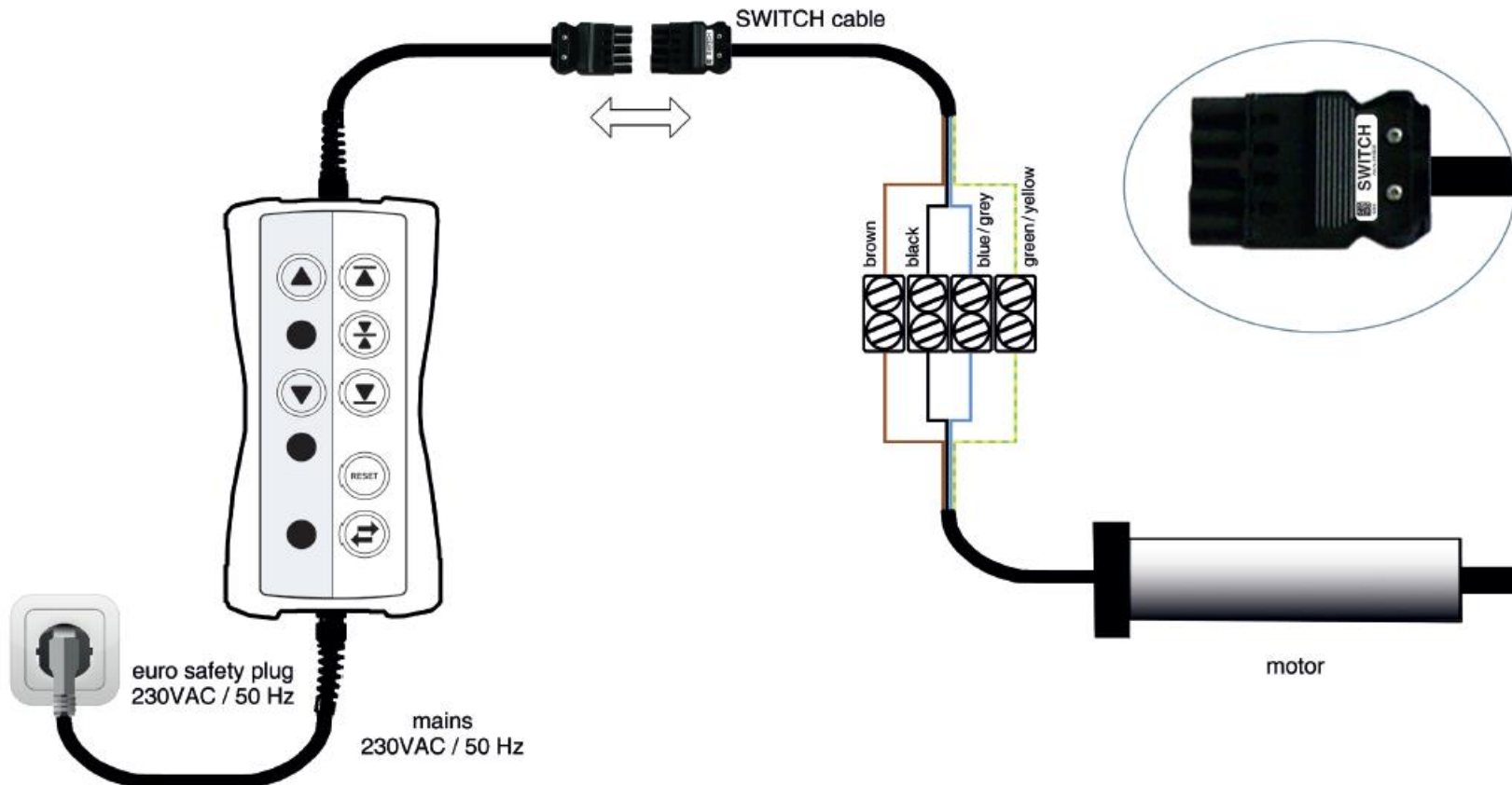


Recommended
Setup Method

Setting Tool

The following Instructions are specifically
for setting up Vestamatic VRS motors
using the Prog-set tool

Instructions for setup using the wall switch
and remote control are also available



Prog-set Tool Layout



Recommended
Setup Method

Left side: Motor control

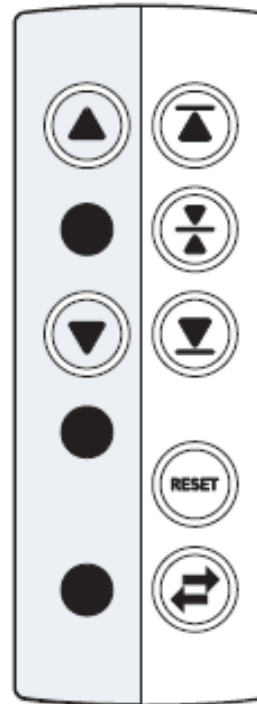
UP + Upper limit set – **green** LED 

Intermediate position 

DOWN + Virtual lower limit set – **red** LED 

Power – LED **green** 

Change turning direction – **red** LED 



Right side: Motor programming

Virtual upper limit

Intermediate position

Virtual lower limit

Reset

Change turning direction

Prog-set Tool Button Functions

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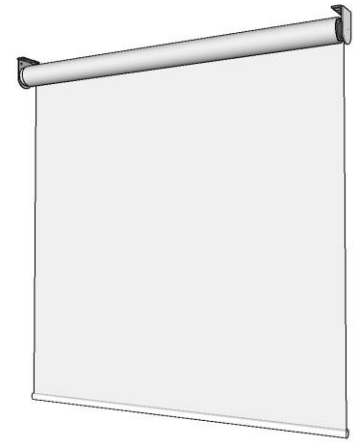
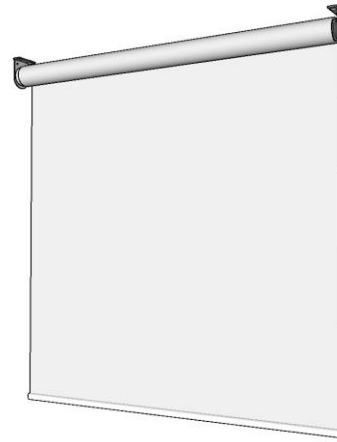
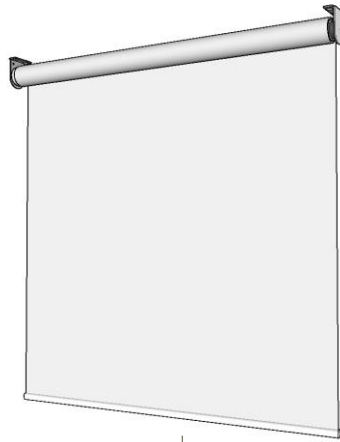
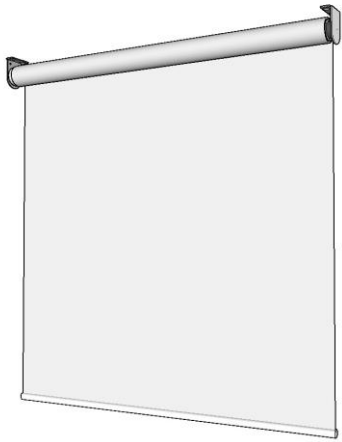


Recommended
Setup Method

Motor control			Motor programming		
Button	Control motor in UP direction Hold down the button to move the motor in UP direction.				
LED	green LED – upper limit position: <i>OFF</i> when no “Upper limit” is set. <i>Blinking</i> when “Upper limit” or „Reset“ programming is in progress. <i>Lit solid</i> when “Upper limit” programming sequence has completed.	 green		Button	Set “Virtual upper limit position”.
LED	yellow LED – Intermediate position: <i>OFF</i> when no “Intermediate position” is set. <i>Blinking</i> when “Intermediate position” programming is in progress. <i>Lit solid</i> when “Intermediate position” programming sequence has been completed.	 yellow		Button	Set “Intermediate position”.
Button	Control motor in DOWN direction Hold down the button to move the motor in DOWN direction.				
LED	red LED – Virtual lower limit position: <i>OFF</i> when no “Virtual lower limit” is set. <i>Blinking</i> when “Virtual lower limit” or „Reset“ programming is in progress. <i>Lit solid</i> when “Virtual lower limit” programming sequence has completed.	 red		Button	Set “Virtual lower limit position”.
LED	green LED – Power: <i>OFF</i> when powerless (it is safe to connect a motor to the Installation Tool). <i>Lit solid</i> when attached to mains 230VAC.	 green		Button	Reset
LED	red LED – Change turning direction: <i>OFF</i> when no “Change turning direction” is used. <i>Blinking</i> when “Change motor turning direction” programming sequence is in progress. <i>Lit solid</i> when “Change motor turning direction” programming sequence has completed.	 red		Button	Change motor turning direction.

Before You Start

Only connect the tool to one blind at a time

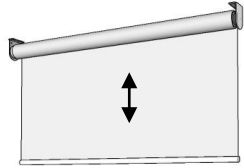


Turning Direction

Check and change the turning direction of the motor

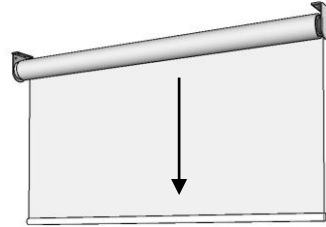
IMPORTANT: if any part of the setup process is not done correctly the motor may not function. You can perform the reset procedure at any time before trying again.

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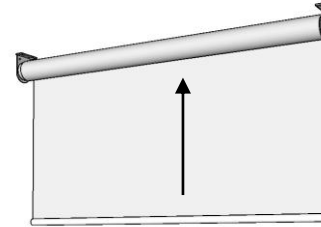


Press and hold the ▼ button and observe the direction the blind travels.

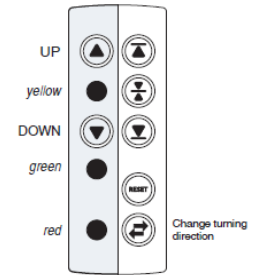
It could travel in either direction depending on which side the motor is on



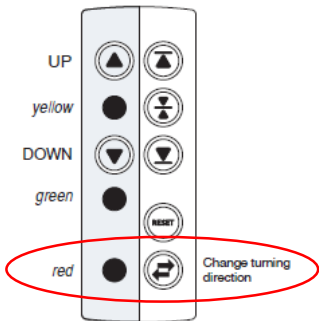
If the blind travels DOWN when you press the ▼ button you can skip the rest of this page and move straight on to setting the limits



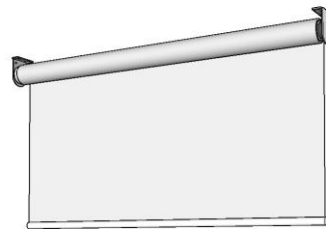
If the blind travels UP when you press the ▼ button you need to change the turning direction



Press the  button once and the red light will flash until the process is complete



When the red light stops flashing and stays solid red the process is complete



Turning direction changed



You can now check the turning direction is correct by pressing and holding EITHER the ▲ or ▼ button

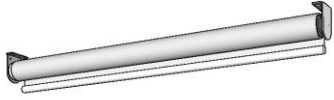
When driving the motor through the Progset tool you have to press and hold to drive the blind

Setting Limits

Set a top and bottom limit position

IMPORTANT: if any part of the setup process is not done correctly the motor may not function. You can perform the reset procedure at any time before trying again.

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Use the ▲ ▼ buttons to move the blind to the position required for a top limit

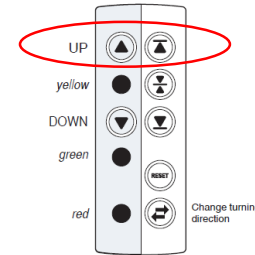
Press and hold to drive the blind

Let go to stop the blind moving

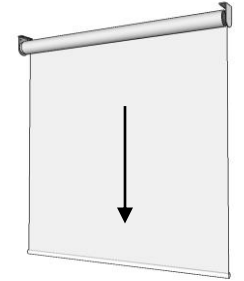
OR

Press once then immediately press and hold to move the blind in micro steps

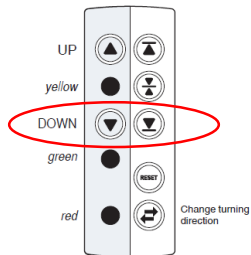
Let go to stop the blind moving



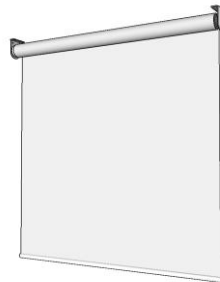
Press the ▲ button once and the corresponding light will flash until the process is complete



Use the ▲ ▼ buttons to move the blind to the position required for a bottom limit



Press the ▼ button once and the corresponding light will flash until the process is complete



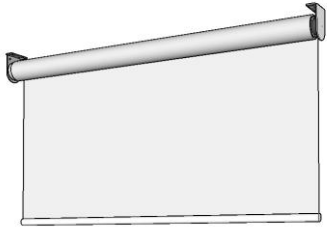
Limits Set

Intermediate Stop

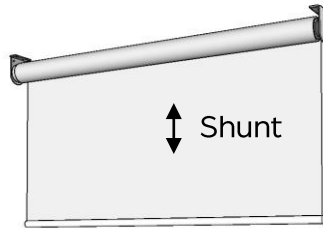
It is optional to set an intermediate stop position

IMPORTANT: if any part of the setup process is not done correctly the motor may not function. You can perform the reset procedure at any time before trying again.

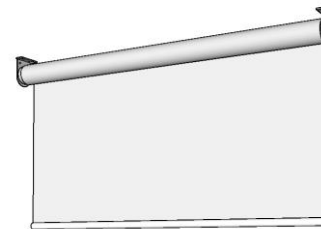
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Drive the blind to a middle position where you require an intermediate stop



Press the  button and the yellow light will flash until the process is complete



Intermediate stop set



The intermediate stop position can not be in the same place as the top or bottom limit position

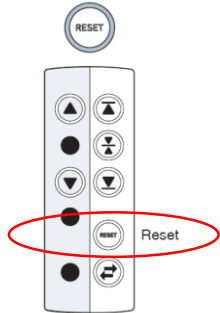
It can only be set after setting the top and bottom limits

Motor Reset

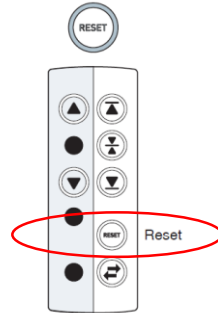
Reset motor back to factory settings

IMPORTANT: if any part of the setup process is not done correctly the motor may not function. You can perform the reset procedure at any time before trying again.

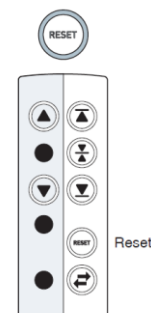
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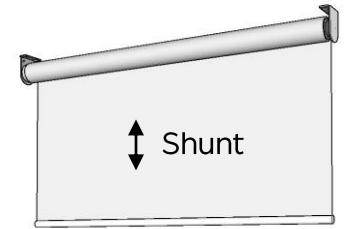
Press and hold the  button until the lights on the tool turn off



Then, press and hold the  button until the lights on the tool start flashing

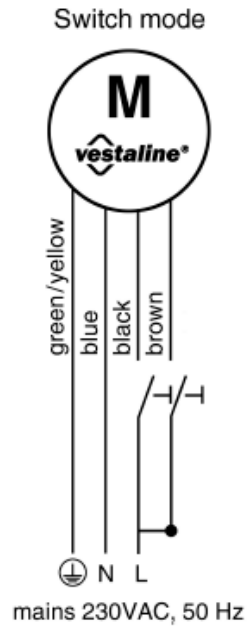


When the lights stop flashing and turn off the motor has been reset to factory settings

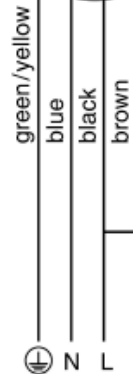


Factory reset complete

Vestamatic VRS 230v motor wiring



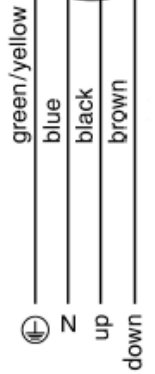
Radio / VRS mode



mains 230VAC, 50 Hz

STANDARD METHOD

Motorrelay mode

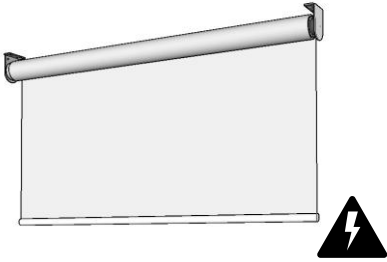


Now connect the blind to continuous power before pairing the remote control

Pairing A Remote

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Pairing the remote after setting limits using the Progset tool



Apply continuous power to the blind you want to program.

Critical – Note wiring details on page 14



You now have 60 seconds to complete the steps on this page and pair the remote control



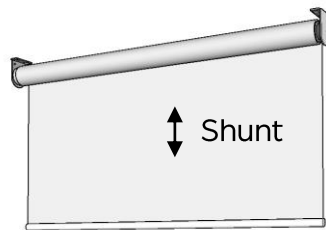
If you have a multi channel remote, select the channel you wish to pair the blind to



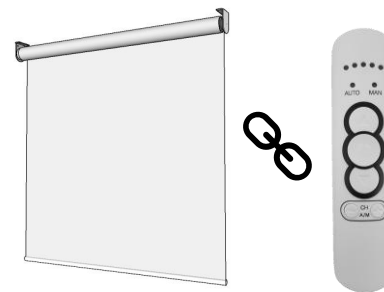
Press the prog button once



Press the stop button once



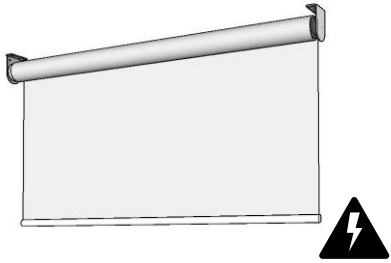
The blind will shunt to confirm it has received the signal



Pairing complete

Pairing A Wall Switch

Pairing a wall mounted remote after setting limits using the Progset tool



Apply continuous power to the blind you want to program.

Critical – Note wiring details on page 14



You now have 60 seconds to complete the steps on this page and pair the remote control



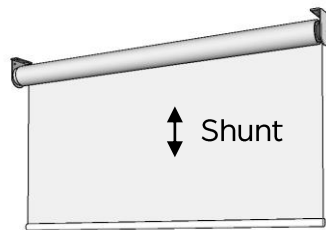
If you have a 2-channel switch, note which channel you want to pair the blind to



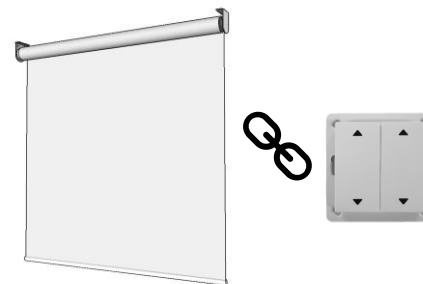
Press the prog button once



Press EITHER ▼ or ▲ once



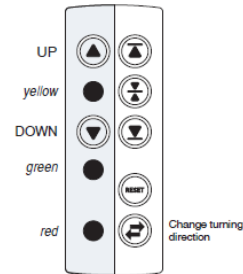
The blind will shunt to confirm it has received the signal



Pairing complete

Hand-held Remote

Remote Control



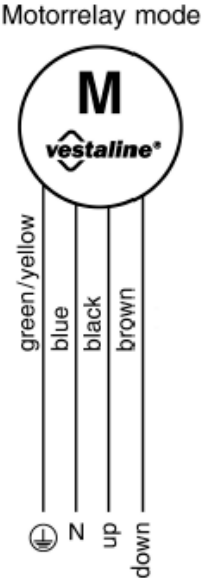
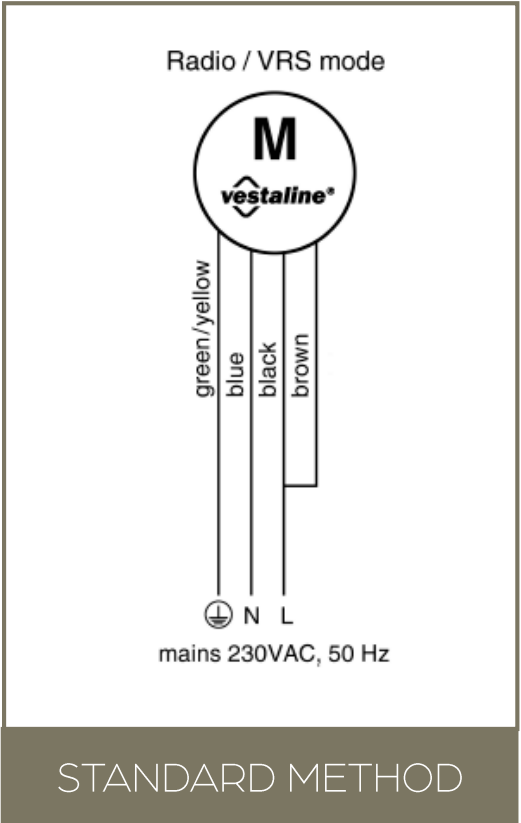
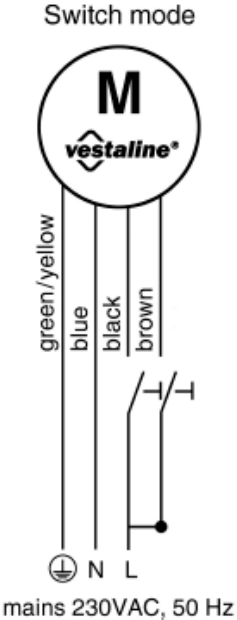
Recommended
Setup Method

The Progset tool is the easiest setup method. Programming mistakes can be easily corrected using the reset button. We suggest setting limits with the Progset tool then pairing your remote control afterwards.

The following Instructions are specifically for setting up Vestamatic VRS motors using the VRS hand-held remote control

Instructions for setup using the wall switch and Prog-Set tool are also available

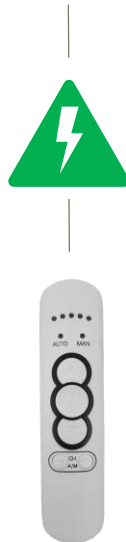
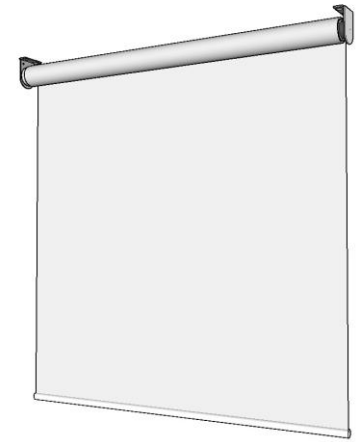
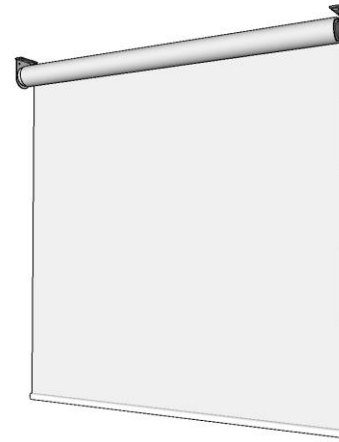
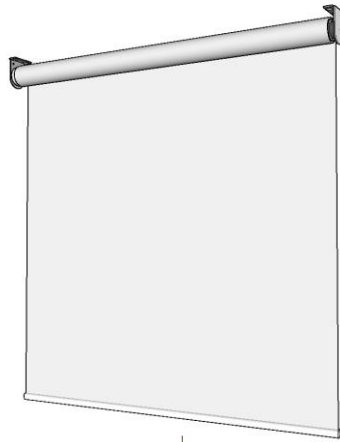
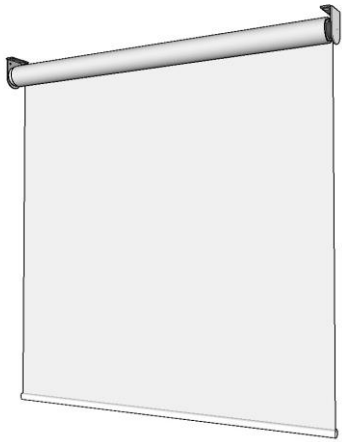
Vestamatic VRS 230v motor wiring



Before You Start



Only one motor should be powered on at a time when setting limits or making any programming changes



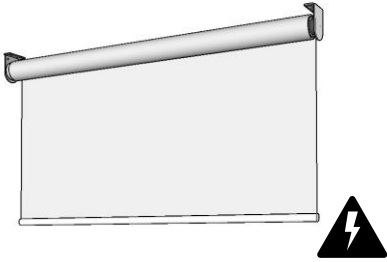
Pairing The Remote



IMPORTANT: if any part of the setup process is not done correctly the motor may not function. You can perform the reset procedure at any time before trying again.

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Pairing a hand-held remote



Apply continuous power to the blind you want to program.

Critical – Note wiring details on page 18



You now have 60 seconds to complete the steps on this page and pair the remote control



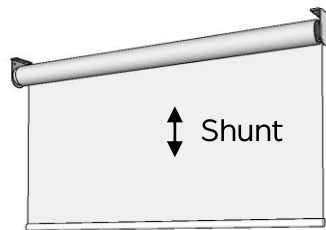
If you have a multi channel remote, select the channel you wish to pair the blind to



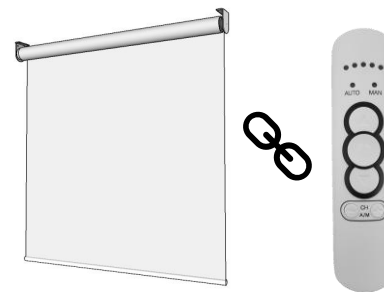
Press the prog button once



Press the stop button once



The blind will shunt to confirm it has received the signal



Pairing complete

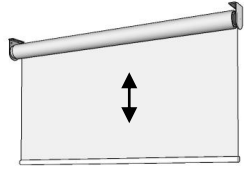
Turning Direction



IMPORTANT: if any part of the setup process is not done correctly the motor may not function. You can perform the reset procedure at any time before trying again.

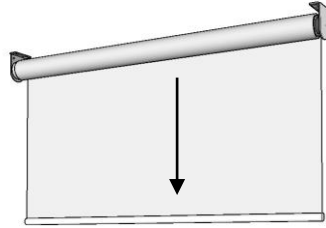
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Check and change the turning direction of the motor

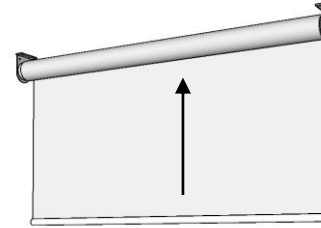


Press and hold the ▼ button and observe the direction the blind travels.

It could travel in either direction depending on which side the motor is on



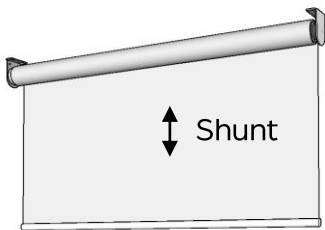
If the blind travels DOWN when you press the ▼ button you can skip the rest of this page and move straight on to setting the limits



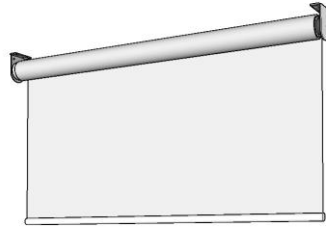
If the blind travels UP when you press the ▼ button you need to change the turning direction



- ▲ Up x 1 press
- ▼ Down x 1 press
- ▲ Up x 1 press
- ▼ Down x 1 press



The blind will shunt to acknowledge the signal



Turning direction changed



You can now check the turning direction is correct by pressing and holding EITHER the ▲ or ▼ button

The motor is still in programming mode so you have to press and hold to drive the blind

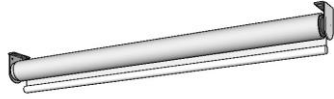
Setting Limits



IMPORTANT: if any part of the setup process is not done correctly the motor may not function. You can perform the reset procedure at any time before trying again.

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Set a top and bottom limit position



Use the ▲ ▼ buttons to move the blind to the position required for a top limit

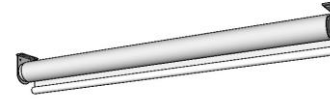
Press and hold to drive the blind

Let go to stop the blind moving

OR

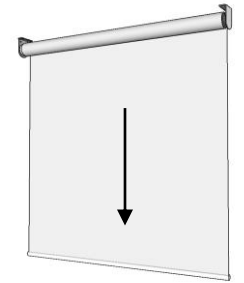
Press once then immediately press and hold to move the blind in micro steps

Let go to stop the blind moving

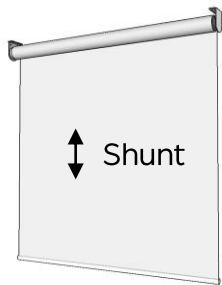


↕ Shunt

Press the ▲ button 5 times and the blind will shunt to acknowledge the top limit has been set

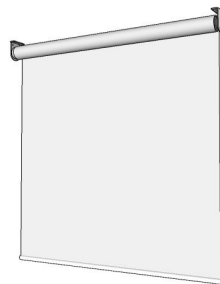


Use the ▲ ▼ buttons to move the blind to the position required for a bottom limit



↕ Shunt

Press the ▼ button 5 times and the blind will shunt to acknowledge the bottom limit has been set



Limits Set

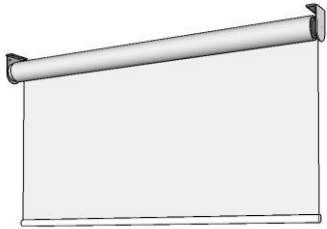
Intermediate Stop



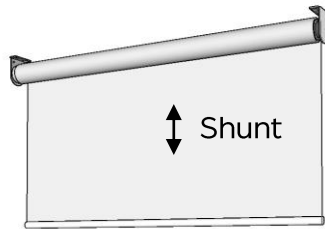
IMPORTANT: if any part of the setup process is not done correctly the motor may not function. You can perform the reset procedure at any time before trying again.

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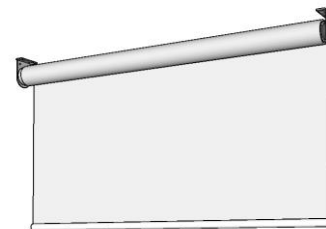
It is optional to set an intermediate stop position



Drive the blind to a middle position where you require an intermediate stop



Press the  button 5 times and the blind will shunt to acknowledge

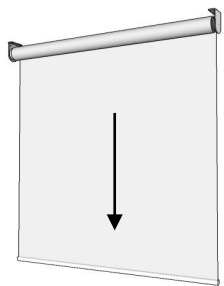


Intermediate stop set

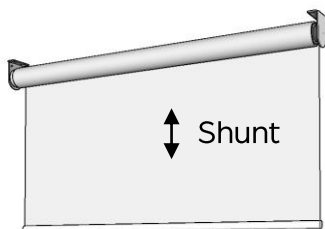


The intermediate stop position can not be in the same place as the top or bottom limit position

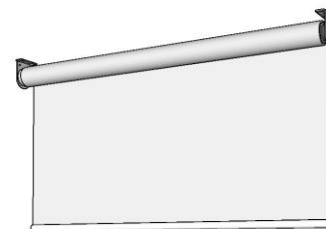
Deleting the intermediate stop position



Drive the blind to the bottom limit position and within 10 seconds....



...press the  button 5 times and the blind will shunt to acknowledge



Intermediate stop removed

Motor Reset



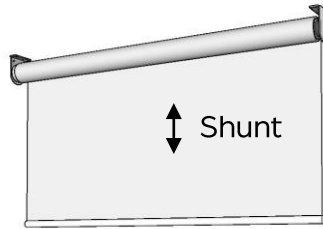
IMPORTANT: if any part of the setup process is not done correctly the motor may not function. You can perform the reset procedure at any time before trying again.

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Reset motor back to factory settings



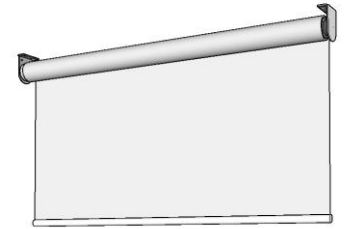
Repeatedly click the prog button on the back of the remote until the lights shown above flash



Press the  button once and the blind will shunt to acknowledge



The lights shown on the remote control will continue to flash for approx. 15 seconds.

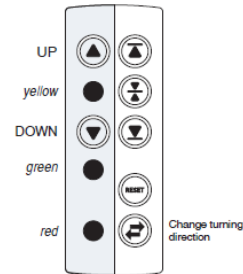
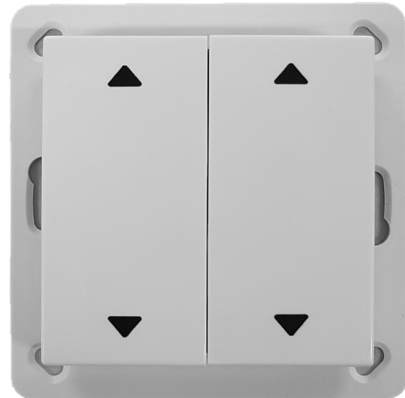


Factory reset complete

Wall-mounted Remote

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Remote Control

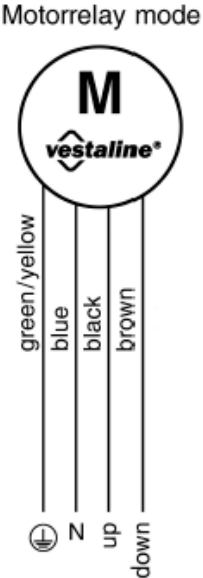
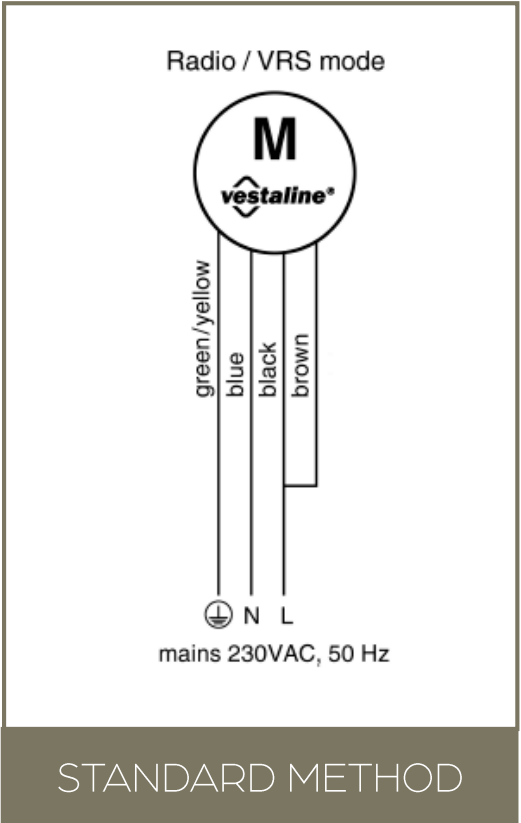
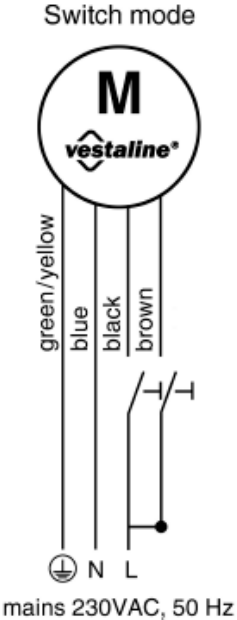


The Progset tool is the easiest setup method. Programming mistakes can be easily corrected using the reset button. We suggest setting limits with the Progset tool then pairing your remote control afterwards.

The following Instructions are specifically for setting up Vestamatic VRS motors using the VRS wall-mounted wall switch

Instructions for setup using the hand-held remote and Prog-Set tool are also available

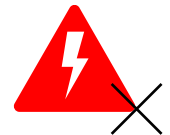
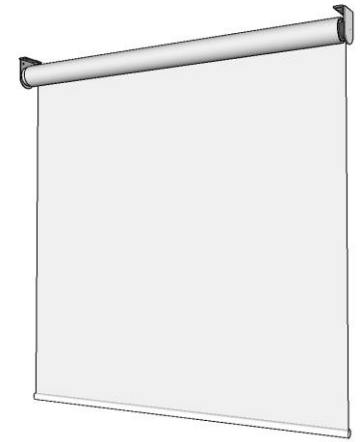
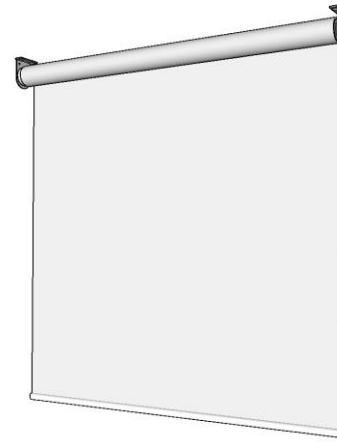
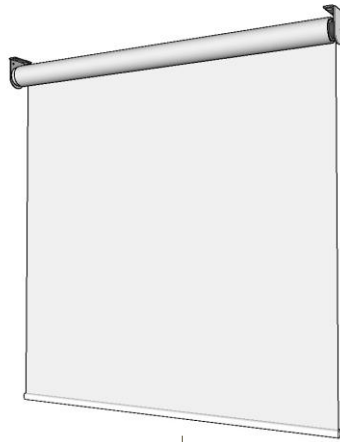
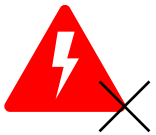
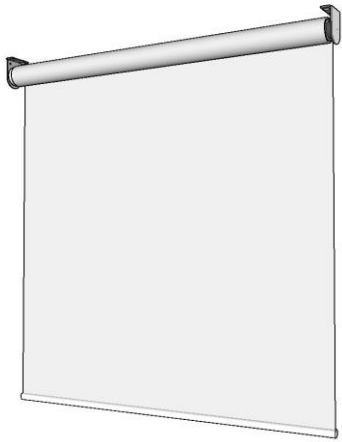
Vestamatic VRS 230v motor wiring



Before You Start



Only one motor should be powered on at a time when setting limits or making any programming changes



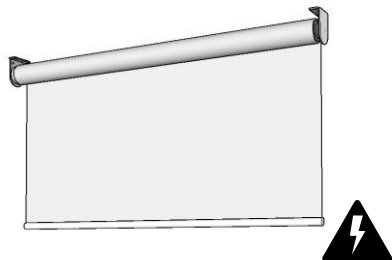
Pairing The Wall Switch

Pairing a wall mounted remote wall switch



IMPORTANT: if any part of the setup process is not done correctly the motor may not function. You can perform the reset procedure at any time before trying again.

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Apply continuous power to the blind you want to program.

Critical – Note wiring details on page 26



You now have 60 seconds to complete the steps on this page and pair the remote control



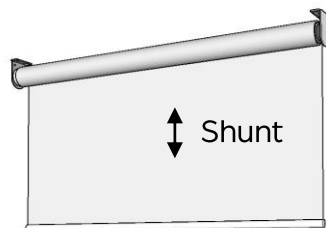
If you have a 2-channel switch, note which channel you want to pair the blind to



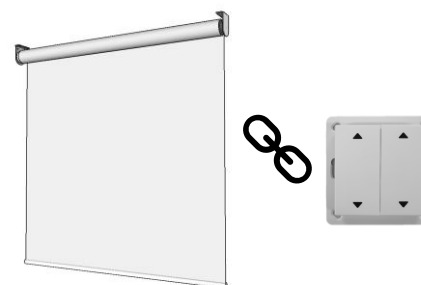
Press the prog button once



Press EITHER ▼ or ▲ once on the channel you wish to pair the blind to



The blind will shunt to confirm it has received the signal



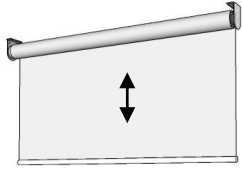
Pairing complete

Turning Direction

IMPORTANT: if any part of the setup process is not done correctly the motor may not function. You can perform the reset procedure at any time before trying again.

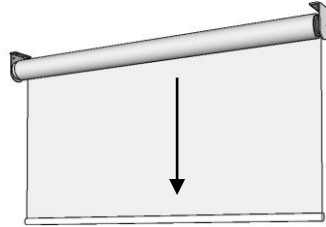
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Check and change the turning direction of the motor

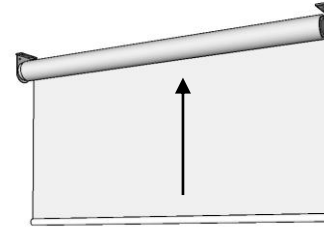


Press and hold the ▼ button and observe the direction the blind travels.

It could travel in either direction depending on which side the motor is on



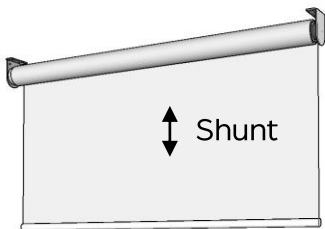
If the blind travels DOWN when you press the ▼ button you can skip the rest of this page and move straight on to setting the limits



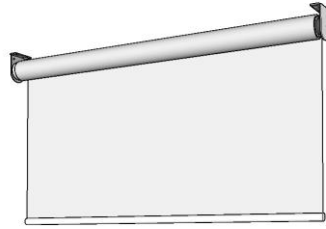
If the blind travels UP when you press the ▼ button you need to change the turning direction



- ▲ Up x 1 press
- ▼ Down x 1 press
- ▲ Up x 1 press
- ▼ Down x 1 press



The blind will shunt to acknowledge the signal



Turning direction changed



You can now check the turning direction is correct by pressing and holding EITHER the ▲ or ▼ button

The motor is still in programming mode so you have to press and hold to drive the blind

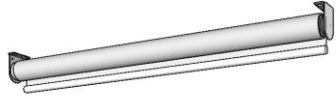
Setting Limits



IMPORTANT: if any part of the setup process is not done correctly the motor may not function. You can perform the reset procedure at any time before trying again.

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Set a top and bottom limit position



Use the ▲ ▼ buttons to move the blind to the position required for a top limit

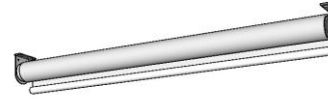
Press and hold to drive the blind

Let go to stop the blind moving

OR

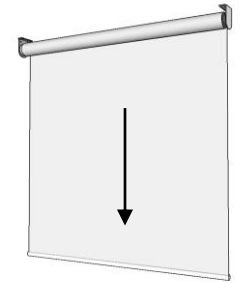
Press once then immediately press and hold to move the blind in micro steps

Let go to stop the blind moving

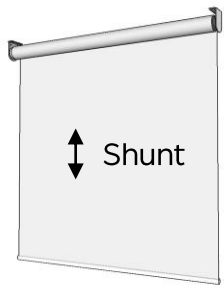


↕ Shunt

Press the ▲ button 5 times and the blind will shunt to acknowledge the top limit has been set

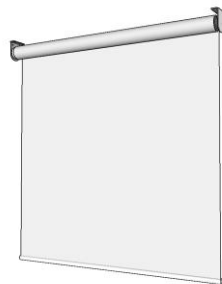


Use the ▲ ▼ buttons to move the blind to the position required for a bottom limit



↕ Shunt

Press the ▼ button 5 times and the blind will shunt to acknowledge the bottom limit has been set



✓
Limits Set

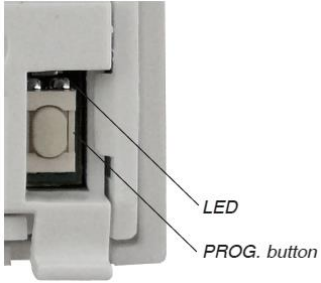
Motor Reset



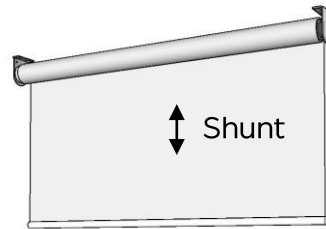
IMPORTANT: if any part of the setup process is not done correctly the motor may not function. You can perform the reset procedure at any time before trying again.

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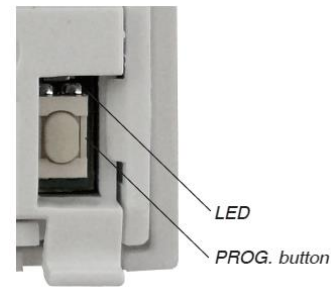
Reset motor back to factory settings



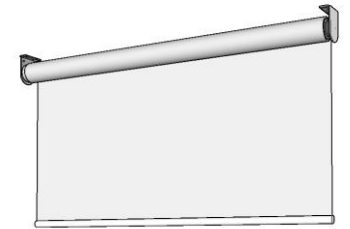
Press and hold the prog button until the red light flashes fast (approx. 6-10 seconds)



Press and hold EITHER the ▲ or ▼ button until the blind shunts



The light on the back of the remote control will continue to flash for approx. 15 seconds.



Factory reset complete

