

UMBRA®MOTORISATION

Nice Edge Motor – 230v & 24v

Radio Remote Control



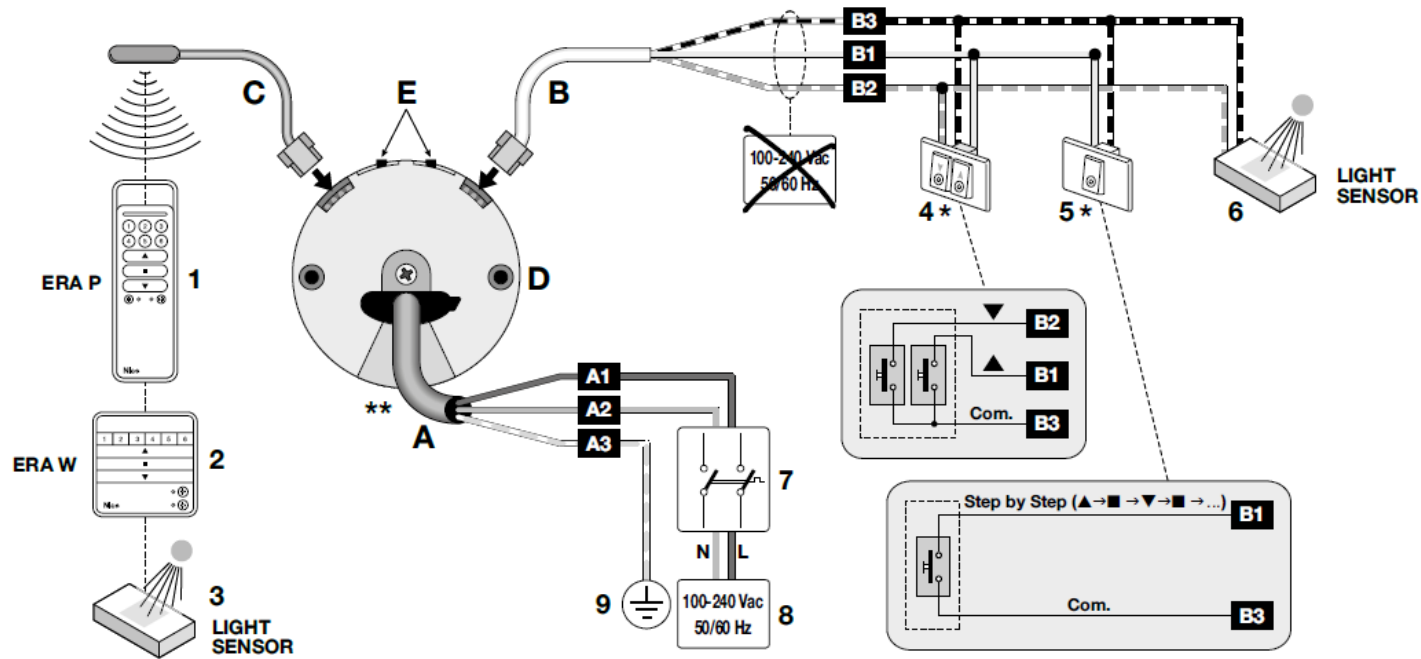
UMBRA®

UMBRA®



Nice Edge 230v motor setup

UMBRA®

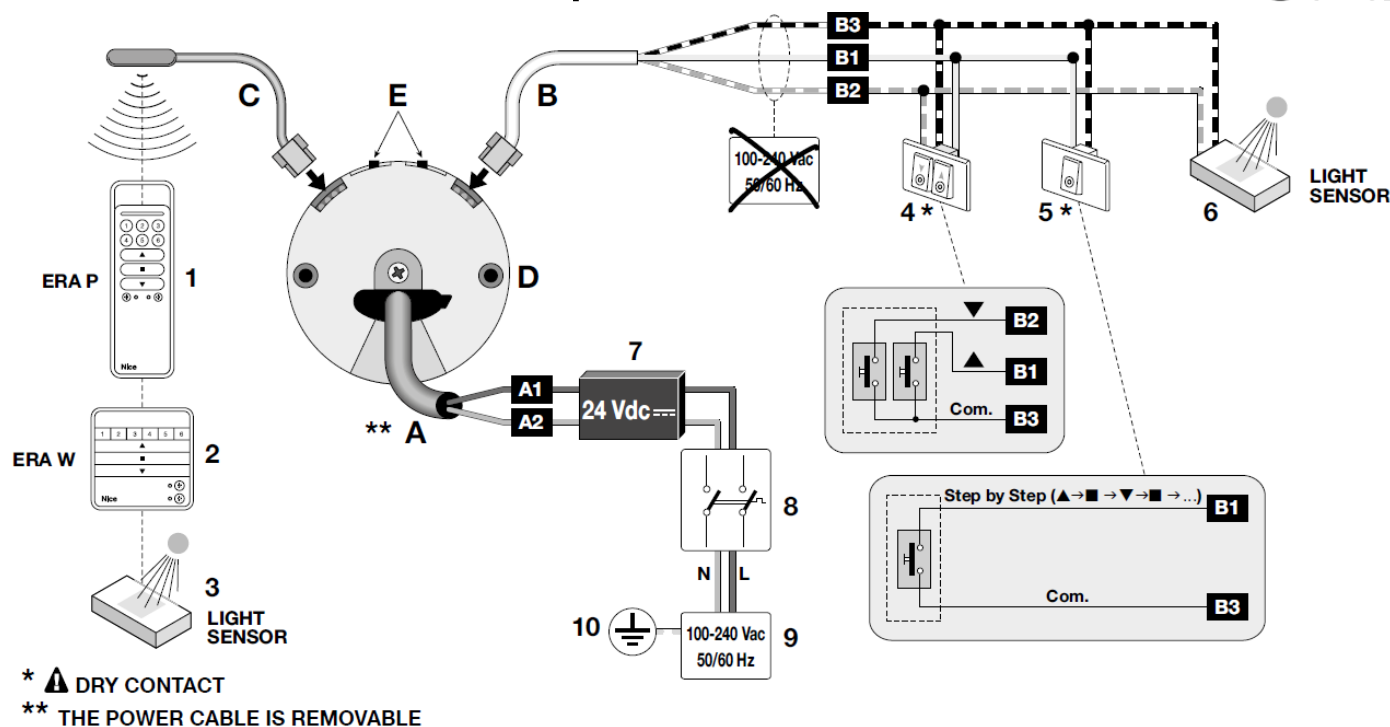


Legend

A	Power Cable A1 = Brown wire A2 = Blue wire A3 = Yellow-green wire	E	Limit switch adjustment buttons	4	Double button switch	8	Connection to the mains power
B	Command Cable B1 = White wire B2 = White-orange wire B3 = White-black wire	1	ERA P hand held remote control	5	Sing button switch with 'Open' or 'Step-by-Step' command	9	Earth connection
C	Aerial cable	2	ERA W wall mounted remote control	6	Wired climate sensor		
D	Electronic motor head	3	Radio controlled climate sensor	7	Switched spur		

Nice Edge 24v motor setup

UMBRA®



Legend

A	Power Cable A1 = Red wire A2 = Black wire	E	Limit switch adjustment buttons	4	Double button switch	8	Switched spur
B	Command Cable B1 = White wire B2 = White-orange wire B3 = White-black wire	1	ERA P hand held remote control	5	Sing button switch with 'Open' or 'Step-by-Step' command	9	Connection to the mains power
C	Aerial cable	2	ERA W wall mounted remote control	6	Wired climate sensor	10	Earth connection
D	Electronic motor head	3	Radio controlled climate sensor	7	24v power supply		

Nice Edge radio controls explained



Remote Control Front



Remote Control Back

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.



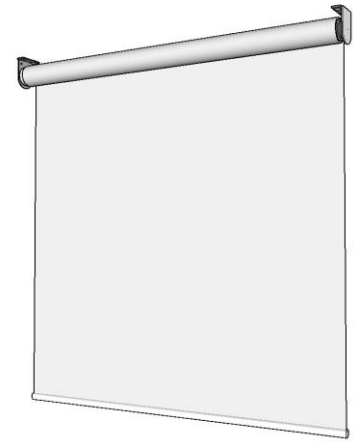
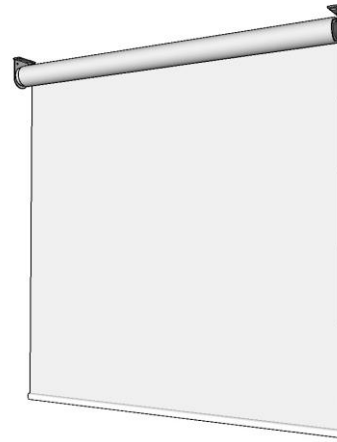
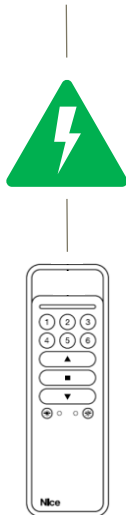
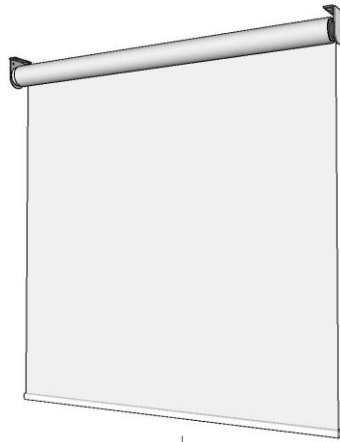
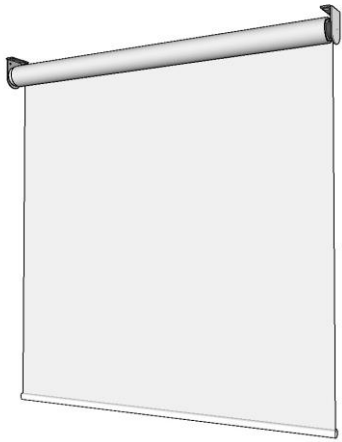
It's recommended to fit the blind with the hembar in the halfway position (approximately) – do not begin programming if the hembar is tight against the fabric roller.



Take care not to damage the radio antenna on the head of the motor. If this gets damaged, communication between the transmitter and the motor may not work or maybe unreliable. (see diagram on previous page to locate antenna)

Before You Start

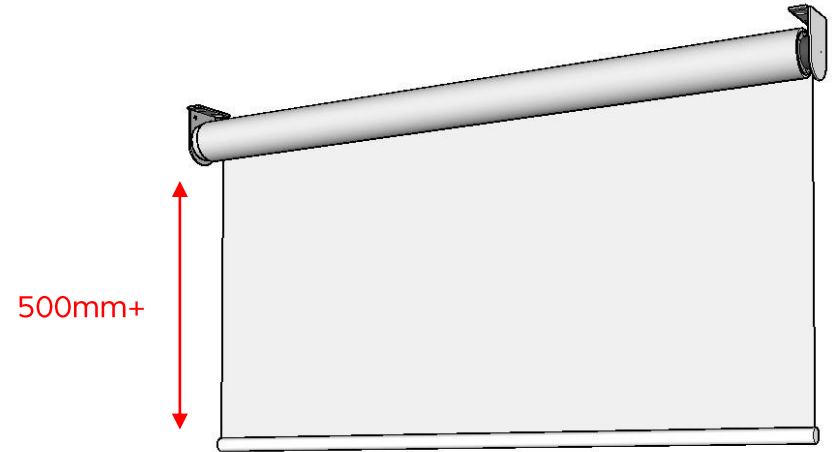
Only one motor should be powered on at a time when setting limits or making any programming changes



Before You Start

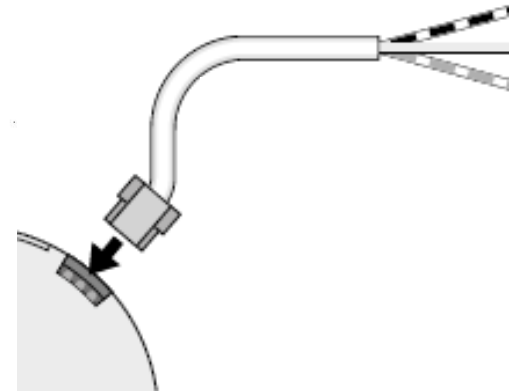
UMBRA®

Before starting to program, move the blind so that the hembar is at least 500mm away from the top.



If the blind is already fitted you can plug in the dry contact cable supplied with the blind.

Then by touching the white core or the white-orange core to the black-white core you can move the blind up and down prior to using the remote control. (requires the blind to be powered up)

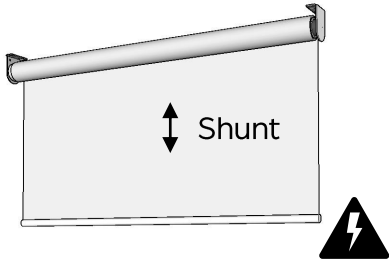


Pairing The Remote

IMPORTANT: if one step of any process is done incorrectly the action will not be complete and the motor must be left for 5+ Minutes before a second attempt is made

UMBRA®

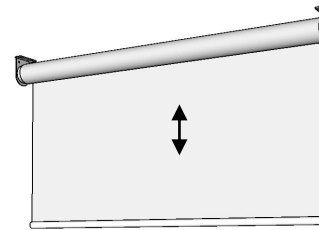
Pairing the remote and setting turning direction



Apply continuous power to the blind you want to program. The blind will shunt to acknowledge.



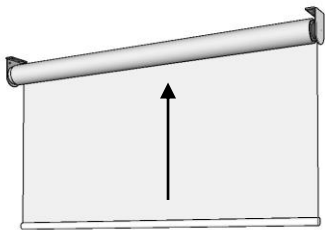
Within 60 seconds of applying power, select the channel required and press and hold the **PRG** button on the back of the remote control.




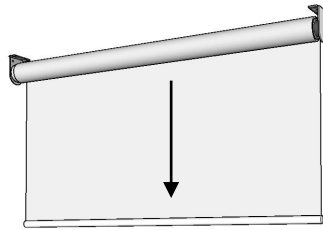
Keep holding the **PRG** button until the blind begins to move.




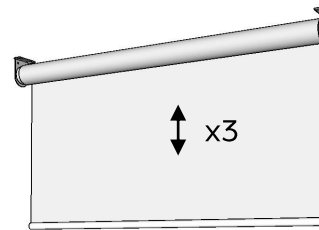
The blind will now move up and down for 2 minutes with a short pause between each movement.



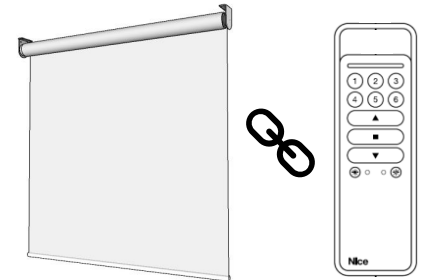
As the blind begins an up movement, immediately press the  button once. The blind will pause to acknowledge.



As the blind begins a down movement, immediately press the  button once. The blind will pause to acknowledge.



The blind will shunt 3 times to acknowledge the pairing and turning direction setting has been successful.



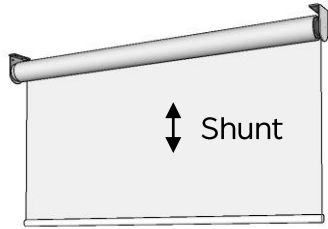
Pairing & turning direction complete

Top Limit

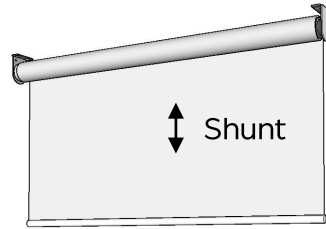
Set the top limit position first


IMPORTANT: if one step of any process is done incorrectly the action will not be complete and the motor must be left for 5+ Minutes before a second attempt is made

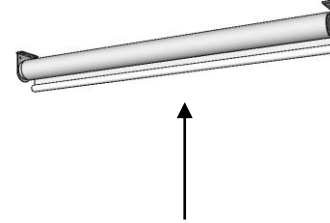
UMBRA®





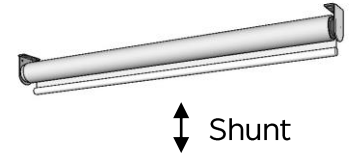
Press the **PRG** button once and the blind will shunt.




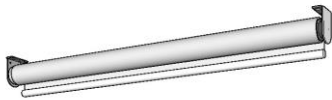
Press and hold the  button until the blind shunts again.



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



Press and hold the  button until the blind shunts



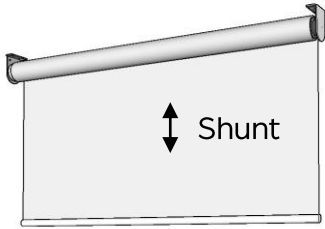
Top limit set

Adjusting Top Limit

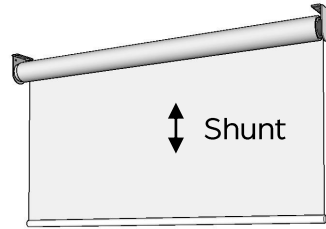
Adjusting the top limit position


IMPORTANT: if one step of any process is done incorrectly the action will not be complete and the motor must be left for 5+ Minutes before a second attempt is made

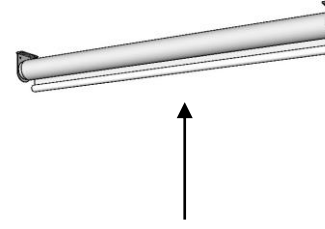
UMBRA®





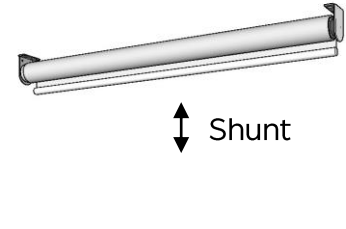
Press the **PRG** button once and the blind will shunt.




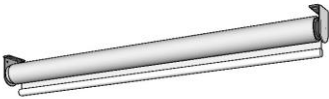
Press and hold the  button until the blind shunts again.



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



Press and hold the  button until the blind shunts



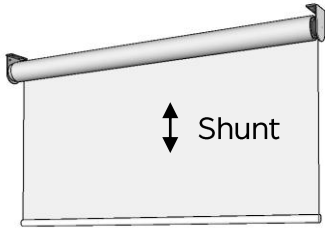
New top limit set

Bottom Limit

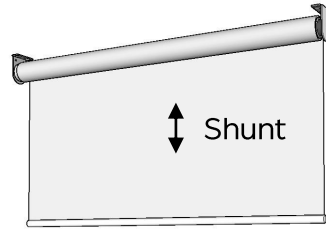
IMPORTANT: if one step of any process is done incorrectly the action will not be complete and the motor must be left for 5+ Minutes before a second attempt is made


UMBRA®

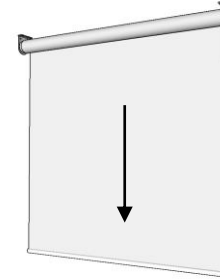
Set the bottom limit position after setting the top





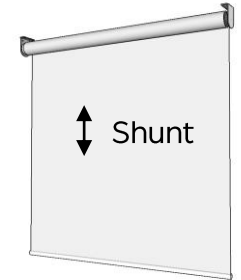
Press the **PRG** button once and the blind will shunt.




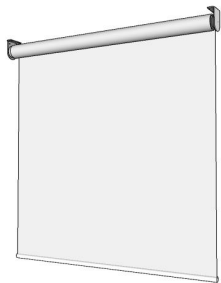
Press and hold the  button until the blind shunts again.



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



Press and hold the  button until the blind shunts



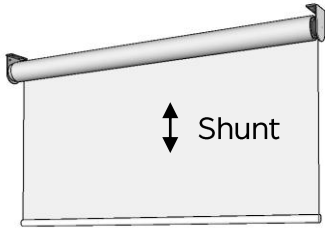
Bottom limit set

Adjusting Bottom Limit

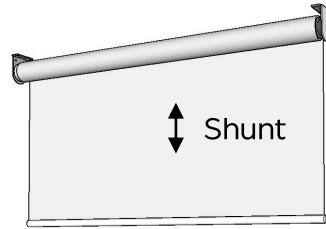
IMPORTANT: if one step of any process is done incorrectly the action will not be complete and the motor must be left for 5+ Minutes before a second attempt is made

UMBRA®

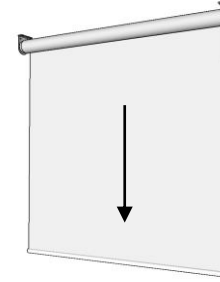
Adjusting the bottom limit position



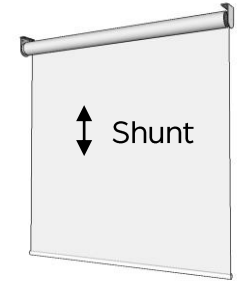
Press the **PRG** button once and the blind will shunt.



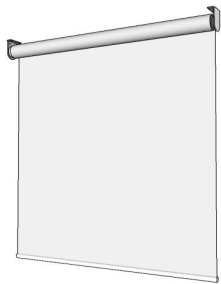
Press and hold the ▼ button until the blind shunts again.



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



Press and hold the □ button until the blind shunts



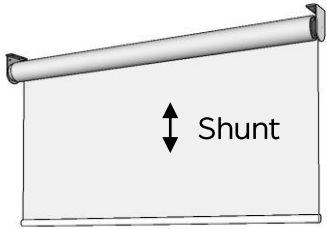
New bottom limit set

Intermediate Limit

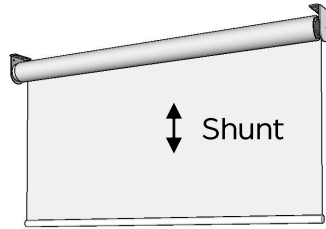
It is optional to set an intermediate limit

IMPORTANT: if one step of any process is done incorrectly the action will not be complete and the motor must be left for 5+ Minutes before a second attempt is made

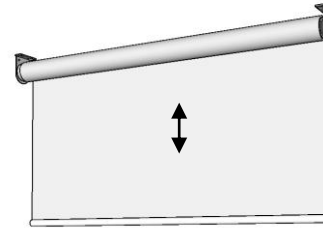
UMBRA®



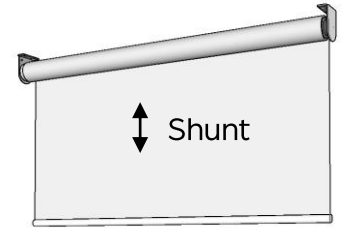
Press the **PRG** button once and the blind will shunt.



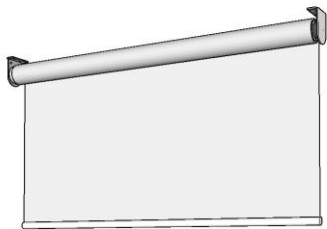
Press and hold the ▼ ▲ buttons together until the blind shunts again.



Use the ▲ ▼ buttons to move the blind to the position required for an intermediate limit



Press and hold the □ button until the blind shunts



Intermediate limit set



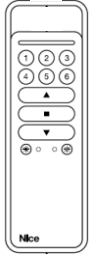
Repeat the process to adjust the intermediate limit position

Adding Remotes

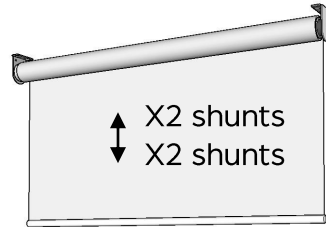
IMPORTANT: if one step of any process is done incorrectly the action will not be complete and the motor must be left for 5+ Minutes before a second attempt is made

UMBRA®

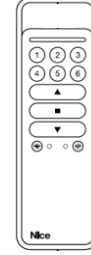
Copying a channel on one remote to a new remote



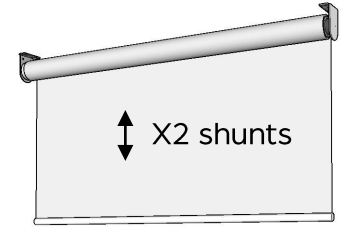
EXISTING REMOTE: select the channel you want to copy



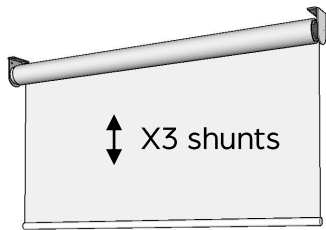
EXISTING REMOTE: press and hold the **PRG** button until the blind does 2 shunts, pause, 2 shunts
RELEASE THE PRG BUTTON



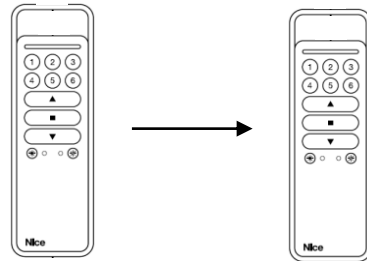
NEW REMOTE: select the channel you want to copy to



NEW REMOTE: press and hold the **PRG** button until the blind does 2 shunts
RELEASE THE PRG BUTTON



EXISTING REMOTE: press The **PRG** button once and the blind will do 3 shunts



Channel on new remote copied



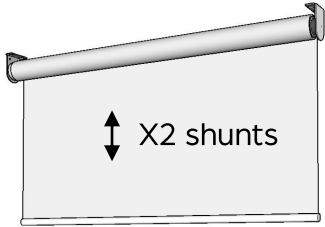
This process can be repeated for other existing channels

Obstacle Detection

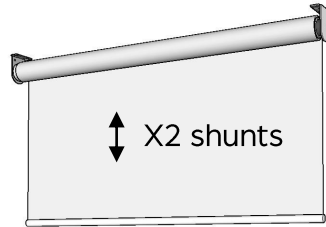
IMPORTANT: if one step of any process is done incorrectly the action will not be complete and the motor must be left for 5+ Minutes before a second attempt is made

UMBRA®

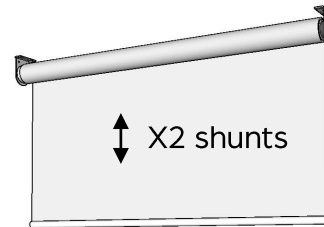
Setup obstacle detection





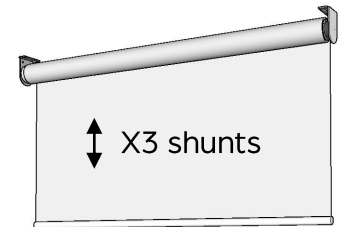
Press the **PRG** button once on the back of the remote control and the blind will do 2 shunts




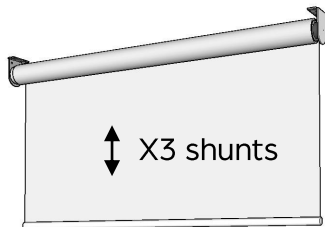
Press the **PRG** button once on the back of the remote control and the blind will do 2 shunts




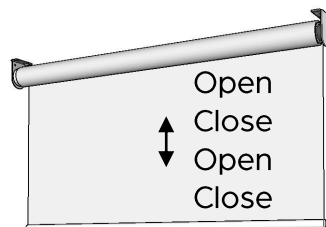
Press and hold the   buttons together on the remote control until the blind does 2 shunts



Press the  button 3 times. After approx. 10 seconds the blind will do 3 shunts.

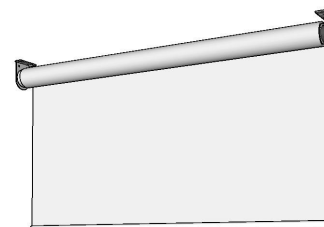


Press and hold the  button until the blind does 3 shunts



Calibrate the sensitivity:

- Fully open the blind
- Fully close the blind
- Fully open the blind
- Fully close the blind



Obstacle detection



NOTE:
When the blind stops at an obstacle, it must be driven away from the obstacle before the original direction of travel can be continued

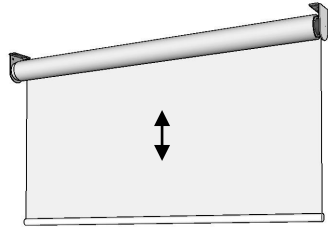
If power is disconnected and reconnected you will need to calibrate the sensitivity again

Motor Reset

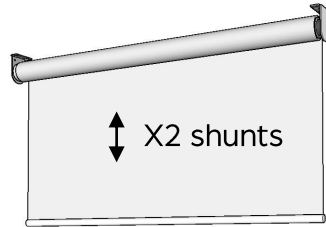
Reset motor back to factory settings

IMPORTANT: if one step of any process is done incorrectly the action will not be complete and the motor must be left for 5+ Minutes before a second attempt is made

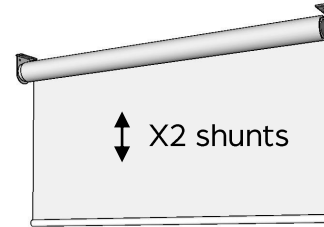
UMBRA®



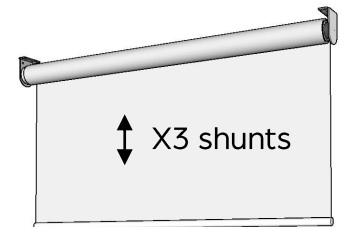
Drive the blind to the approx. half-way position



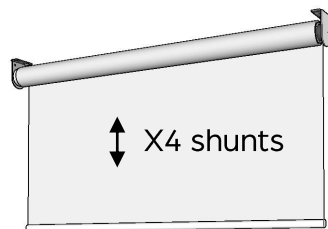
Press the **PRG** button once on the back of the remote control and the blind will do 2 shunts



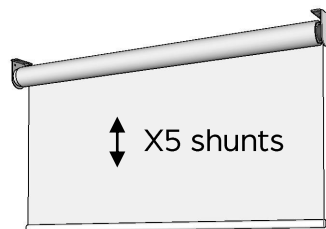
Press the **PRG** button once on the back of the remote control and the blind will do 2 shunts



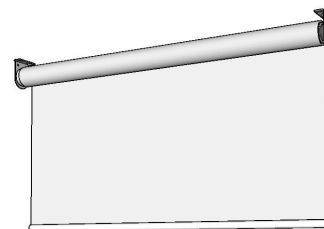
Press the **PRG** button once on the back of the remote control and the blind will do 3 shunts



Press the **PRG** button once on the back of the remote control and the blind will do 4 shunts



Press the **PRG** button once on the back of the remote control and the blind will do 5 shunts



Reset to factory settings



To repair the remote you now have 60 seconds to start the pairing process (see instructions).

This begins with pressing and holding the **PRG** button until the blind starts moving.

