UMBRA & MOTORISATION

Nice Action Motor

Switched Control

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Nice

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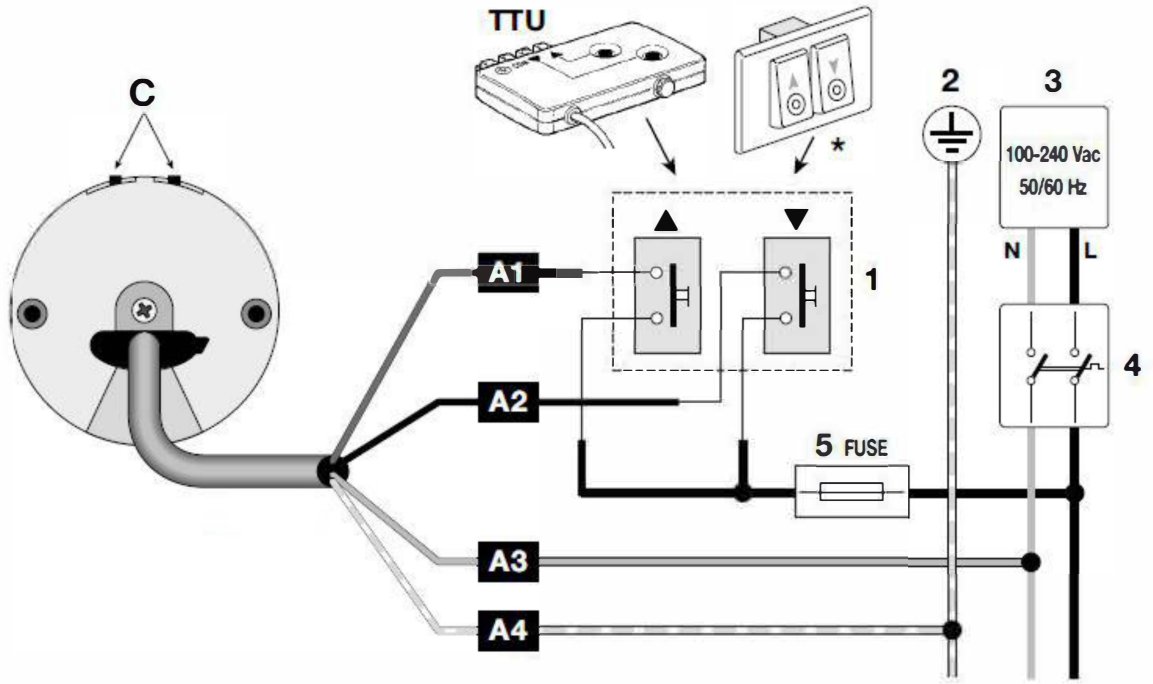
Nice Action 230v motor setup



Legend					
A	Power Cable A1 = Brown wire A2 = Black wire A3 – Blue wire A4 = Yellow-green wire	1	Connection of a two-button control panel. Note – the TTU programmer must only be used to program the motor	4	Motor mains power disconnector
B	Electronic motor head	2	Earth connection	5	Fuse
C	Limit switch adjustment buttons	3	Connection to the mains (see the motor's nameplate ratings)		

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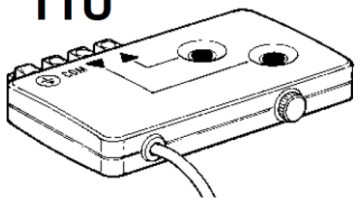
Before You Start – Important Information

- A TTU programming tool is required to setup this motor. Alternatively you can also use a two-button push button panel, as long as this allows you to press the two buttons at the same time and allows the buttons to return to their previous position, when they are released.

TTU



- When operating the blind with the TTU programming unit you must always press and hold the command buttons to make it move, even after limits are set
- When no limits are set, the blind will jolt twice before moving when pressing and holding one of the command buttons
- When one limit is set, the blind will jolt once before moving when pressing and holding one of the command buttons
- After an obstacle has been detected you will need to run the blind away from the obstacle before you can continue in the original direction of travel.
- If the blind unexpectedly stops during travel it may be caused by the obstacle detection function detecting extra resistance. This can be caused by the blind being fitted out of square or in the case of a zip blind, something in the channels.

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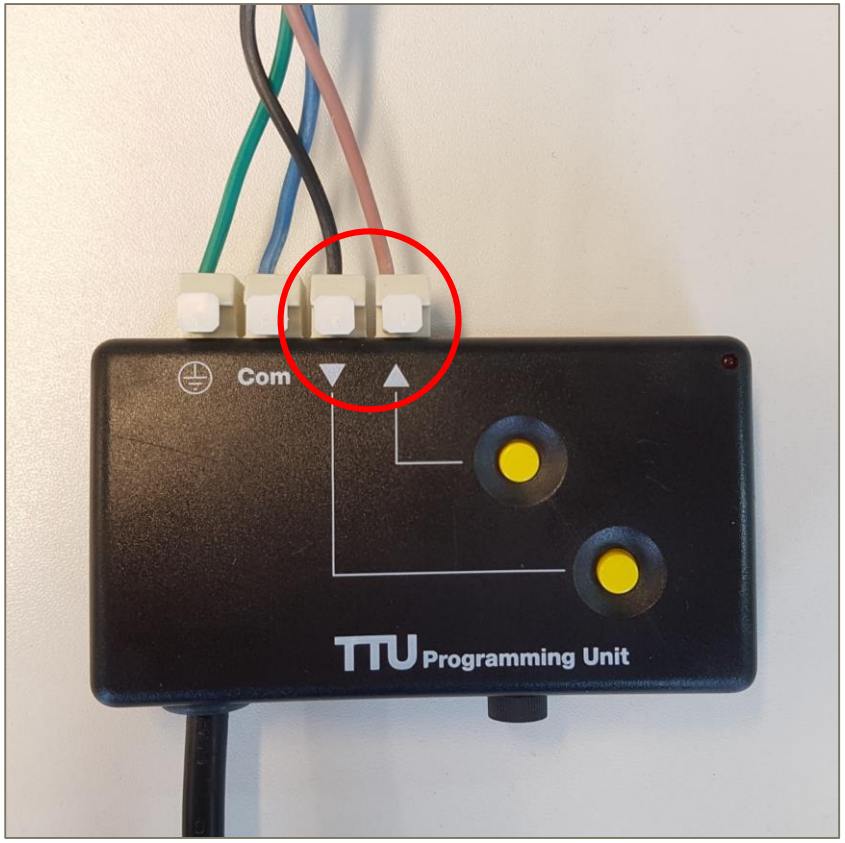
Changing The Turning Direction

Connect the TTU programming tool as shown:

Green/Yellow = Earth
Blue = Common/Neutral
Black = Turning Direction 1
Brown = Turning Direction 2

Try driving the blind down, if it travels up you will need to swap the black and the brown cores around.



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Setting Limits

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

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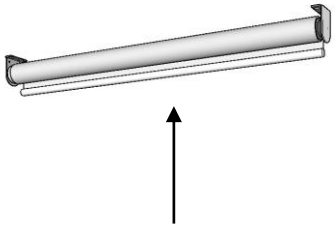
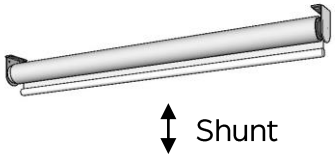
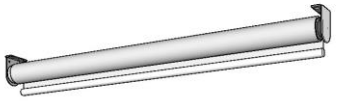
Set the top limit position first



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

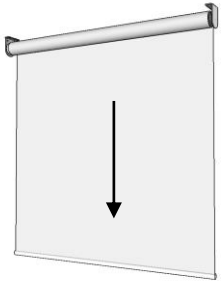


Press and hold the ▲ ▼ buttons together until the blind shunts

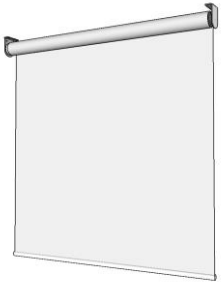


Top limit set

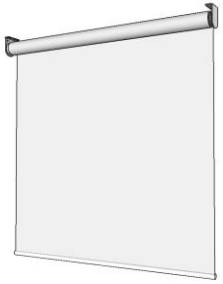
Setting the bottom limit position



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



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



Bottom limit set

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Adjusting The Limits

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

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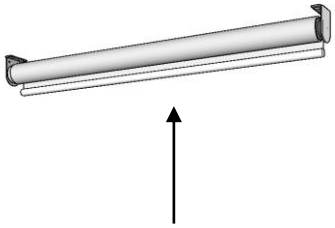
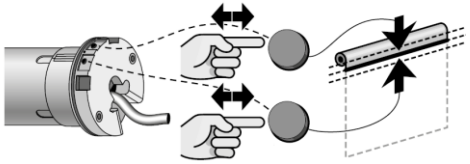
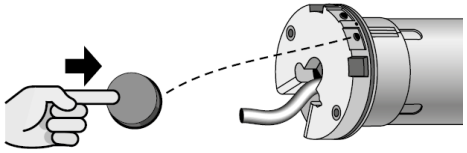
Fine tuning the top limit after it has been set



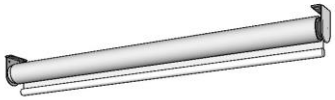
Move the blind to the top limit position



Short-press the buttons on the head of the motor to micro-adjust the limit position. Each press = approx. 2° of rotation

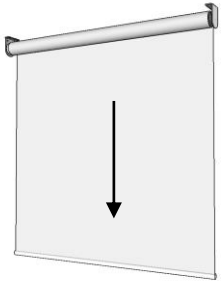


Hold down ONE of the buttons until the blind shunts to confirm the new limit position has been set

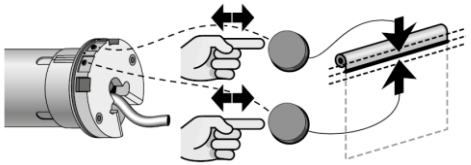


New top limit set

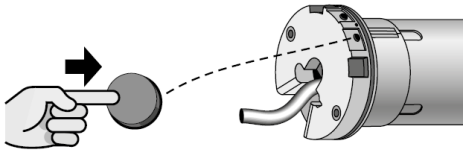
Fine tuning the bottom limit after it has been set



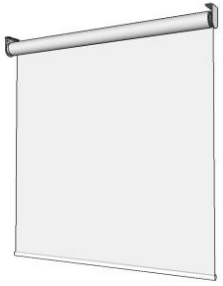
Move the blind to the bottom limit position



Short-press the buttons on the head of the motor to micro-adjust the limit position. Each press = approx. 2° of rotation



Hold down ONE of the buttons until the blind shunts to confirm the new limit position has been set



New Bottom limit set

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Changing Top 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

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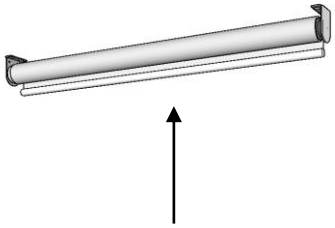
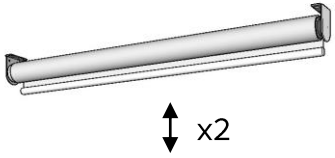
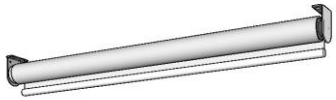
Changing the top limit position



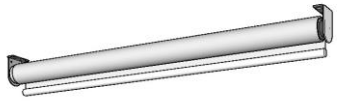
Move the blind to the top limit position that has already been set



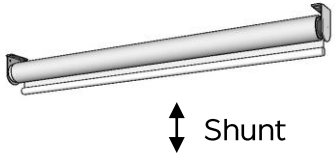
Press and hold the ▲ ▼ buttons together and watch the blind for two movements
KEEP HOLDING BOTH BUTTONS



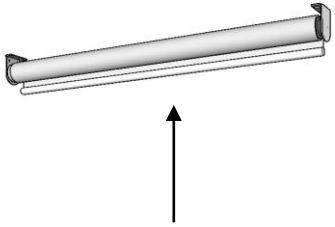
Immediately release the ▼ button but
KEEP HOLDING THE BUTTON ▲



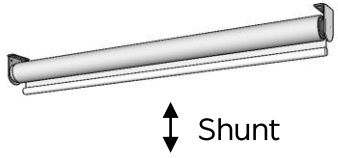
Press and release the ▼ button 3 times but
KEEP HOLDING THE BUTTON ▲



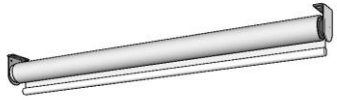
KEEP holding the ▲ button until the blind shunts
NOW RELEASE THE ▲ BUTTON



Use the ▲ ▼ buttons to move the blind to the new top limit position



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



New top limit set

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Changing 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

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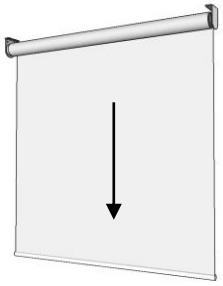
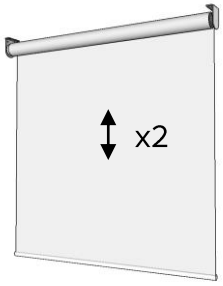
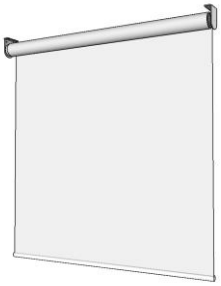
Changing the bottom limit position



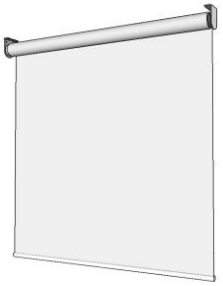
Move the blind to the bottom limit position that has already been set



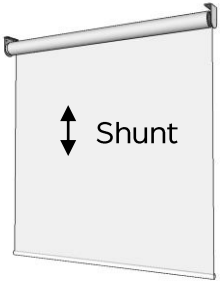
Press and hold the ▲ ▼ buttons together and watch the blind for two movements
KEEP HOLDING BOTH BUTTONS



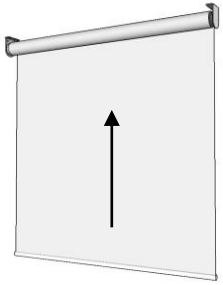
Immediately release the ▼ button but
KEEP HOLDING THE BUTTON ▲



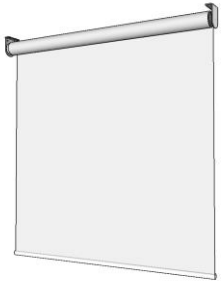
Press and release the ▼ button 3 times but
KEEP HOLDING THE BUTTON ▲



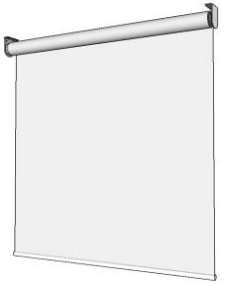
KEEP holding the ▲ button until the blind shunts
NOW RELEASE THE ▲ BUTTON



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



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



New bottom limit set

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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

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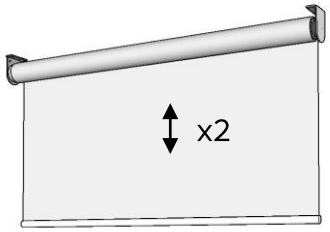
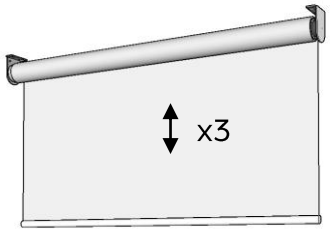
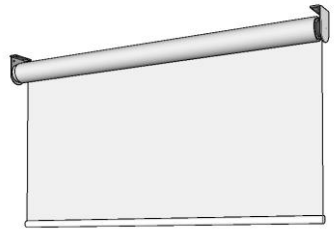
Setting Up Obstacle Detection



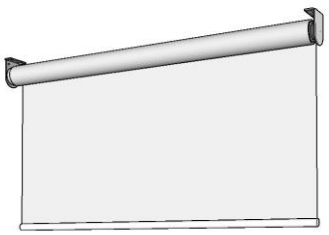
Press and hold the ▲ ▼ buttons together and watch the blind for two movements
KEEP HOLDING BOTH BUTTONS



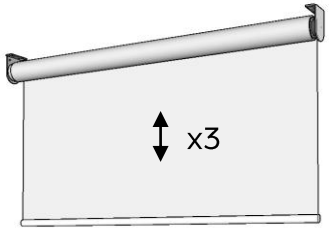
KEEP holding the ▲ ▼ buttons together and watch the blind for three movements
KEEP HOLDING BOTH BUTTONS



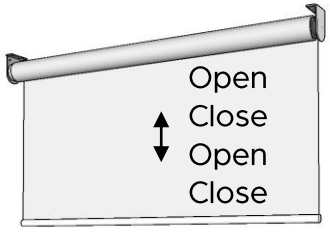
Immediately release the ▲ button but
KEEP HOLDING THE BUTTON ▼



Press and release the ▲ button 3 times but
KEEP HOLDING THE BUTTON ▼

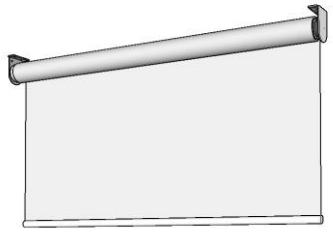


KEEP holding the ▼ button until the blind shunts 3 times
Now release the ▼ button



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

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Motor Reset

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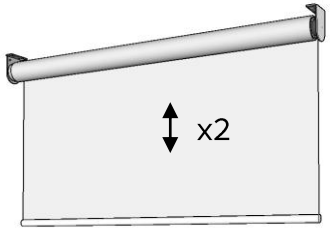
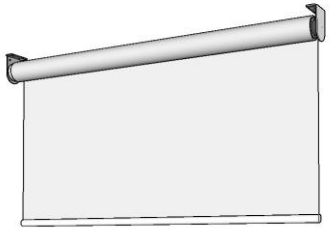
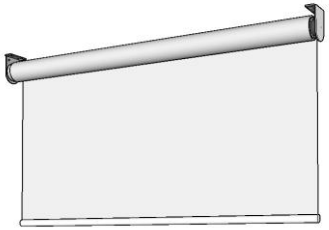
Complete motor reset back to factory settings



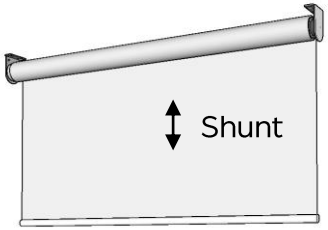
Press and hold the ▲ ▼ buttons together and watch the blind for two movements
KEEP HOLDING BOTH BUTTONS



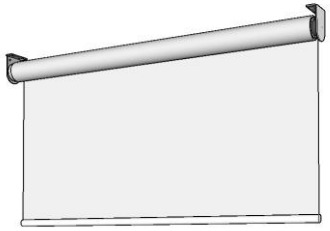
Immediately release the ▼ button but
KEEP HOLDING THE BUTTON ▲



Press and release the ▼ button 5 times but
KEEP HOLDING THE BUTTON ▲



KEEP holding the ▲ button until the blind shunts
Now release the ▲ button



Motor Reset

NOTE:
Now that no limits are set, the blind will jolt twice before moving when pressing and holding one of the command buttons

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