How To Program: M35 M45 Hardwired

Please Read and Follow These Instructions

Please use the motor programming instructions provided here.

Please read installation instructions and programming instructions completely prior to proceeding with installation and programming. Failure to do so can result in damage to the motor and or the shade.

Be prepared to stop the shade during programming. The shade will move continuously during some of the steps. You will need to be prepared to stop the motor using the remote control. Failure to stop the shade can result in shade or motor damage.

Only apply power to the motor being programmed regardless if the other motors have been programmed or not. This will prevent inadvertent interaction with other motors. This is not possible for motors with built-in batteries. Motors with built-in batteries must be put to sleep.

We recommend mapping out the installation before proceeding. This will reduce set-up time and make life easier. Decide the channels and or additional remotes to be assigned to each shade in the installation. Each shade should be completely programmed before moving to the next.

Have the necessary remotes and controls ready prior to proceeding. All motors programmed to the same RF channel will operate at the same time. If you want individual control of the motor, you must use separate channels on multi-channel remotes or separate single channel remotes.

The remote controls are generally considered to be dummy devices as they do not store anymotor or programming information. The motors are the intelligent devices. The motors store the shade operation limits in their memory and the motors also memorize the specific remotes or channels assigned to control them. Each motor can have up to 20 remote control channels controlling them.

Program Button Locations

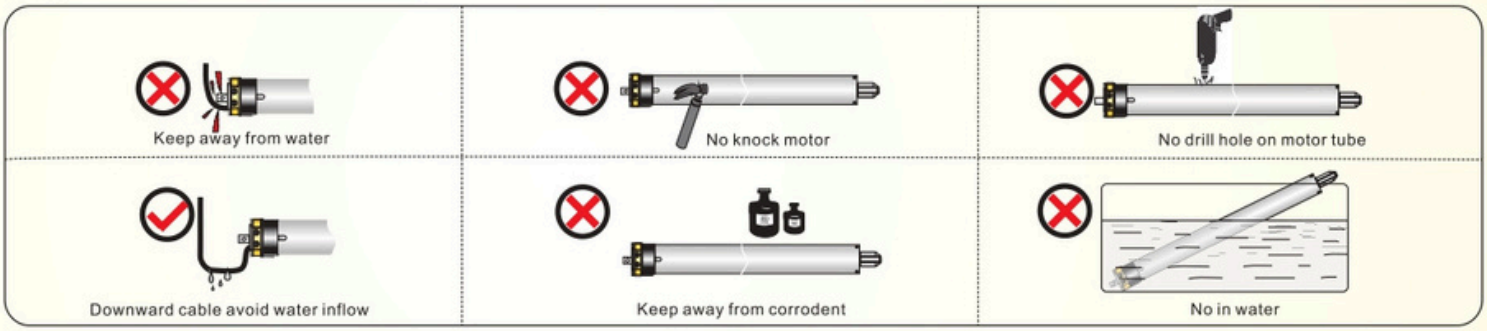
Motor Head – The program button on the motor head is typically located opposite the antenna. There are 2 buttons on the AM35 motor head. The program button is labelled with a symbol that looks similar to (((●))).

AC123 Remote Control (Hand Held Remote with physical buttons) – The program button is located in a hole on the back of the remote control. Use a paper clip to press the button.
AC140 Remote Control (Hand Held Touch Sensitive Remote) – Remove the battery cover from the back of the remote control. The program button is the button label as “Set”.
AC135 Remote Control (Wall Switch) – Remove the battery cover from the back of the remote control. The program button is located on the lower left in a hole and is labelled as “Learn” . Use a paper clip to press the button.

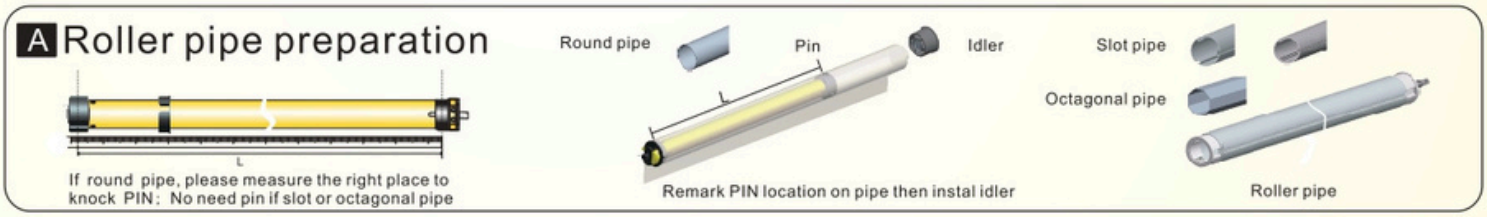
AM35/45 Radio Motor Manual

- Applied for motorized roller blinds, motorized awnings, motorized projection screen and garage etc;
- Composes by five parts: stator&rotor /brake /planet gearbox, limit switch and built-in radio, receiver (Frequency: 433.92MHz);
- Small size, low weight, weak voice, precision journey positioning, easy installation;
- Motor have self-protection function when exact-hot, it will stop work when motor continuous working time is reaching 4-6mins and motor tube temperature is over 110°C, motor will stop running around 3-10mins, and get right working when recovered.

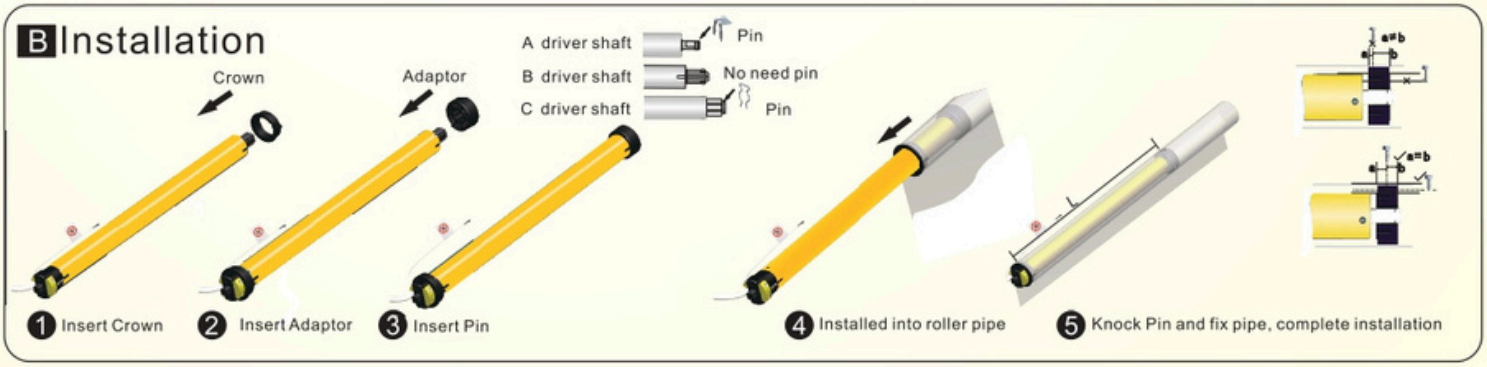
Notice



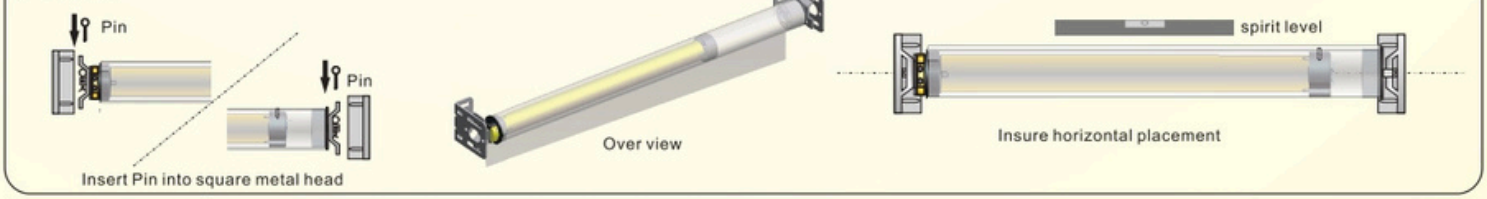
A Roller pipe preparation



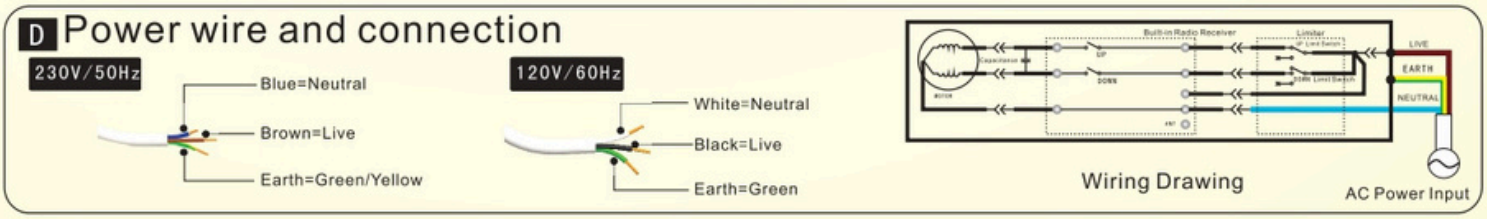
B Installation



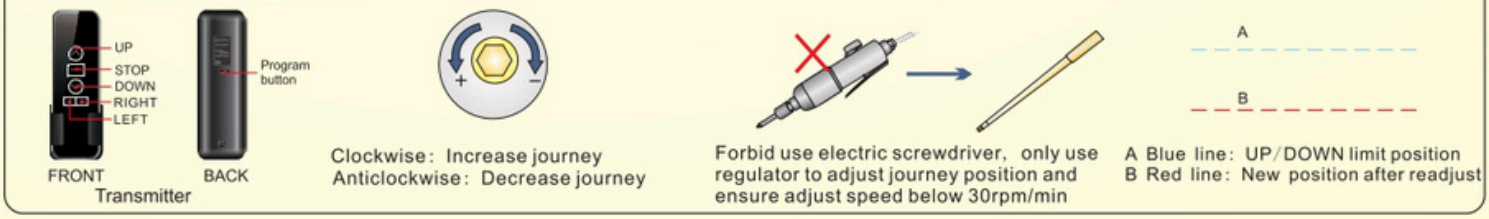
C Fix



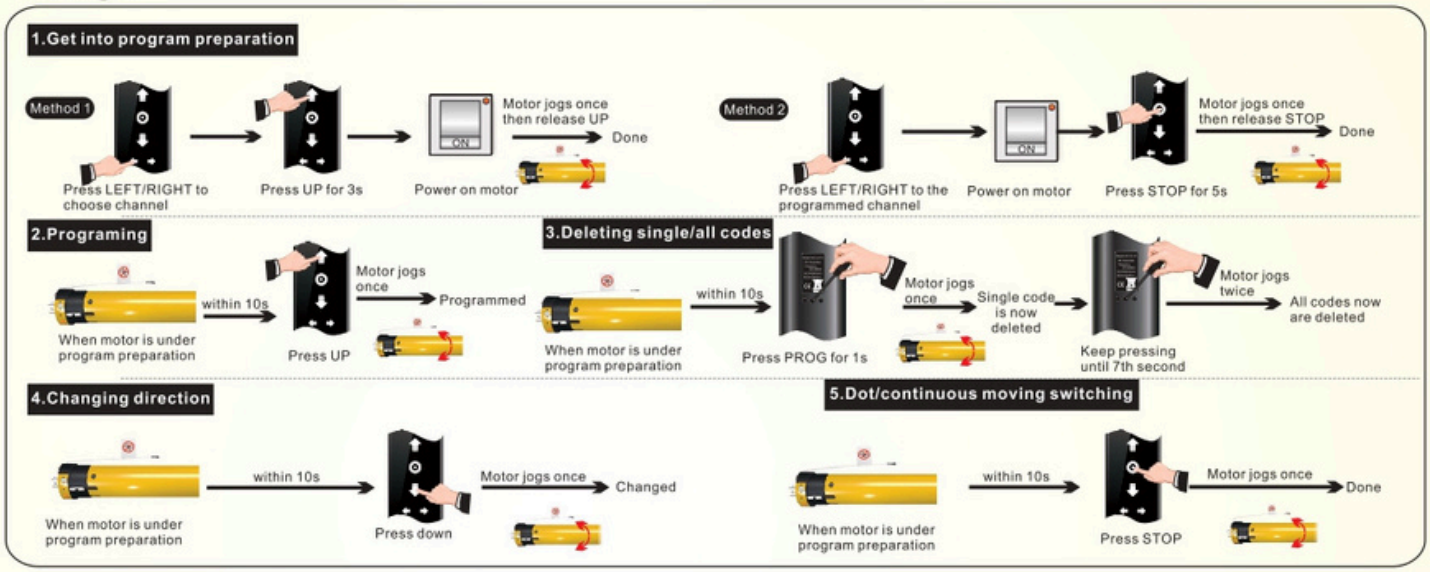
D Power wire and connection



Drawing instruction

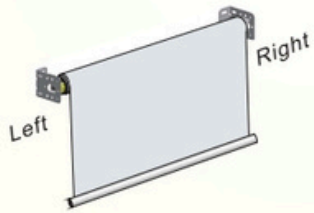


Settings

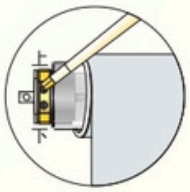


E Adjust Journey Position

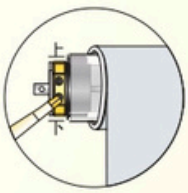
Installation 1



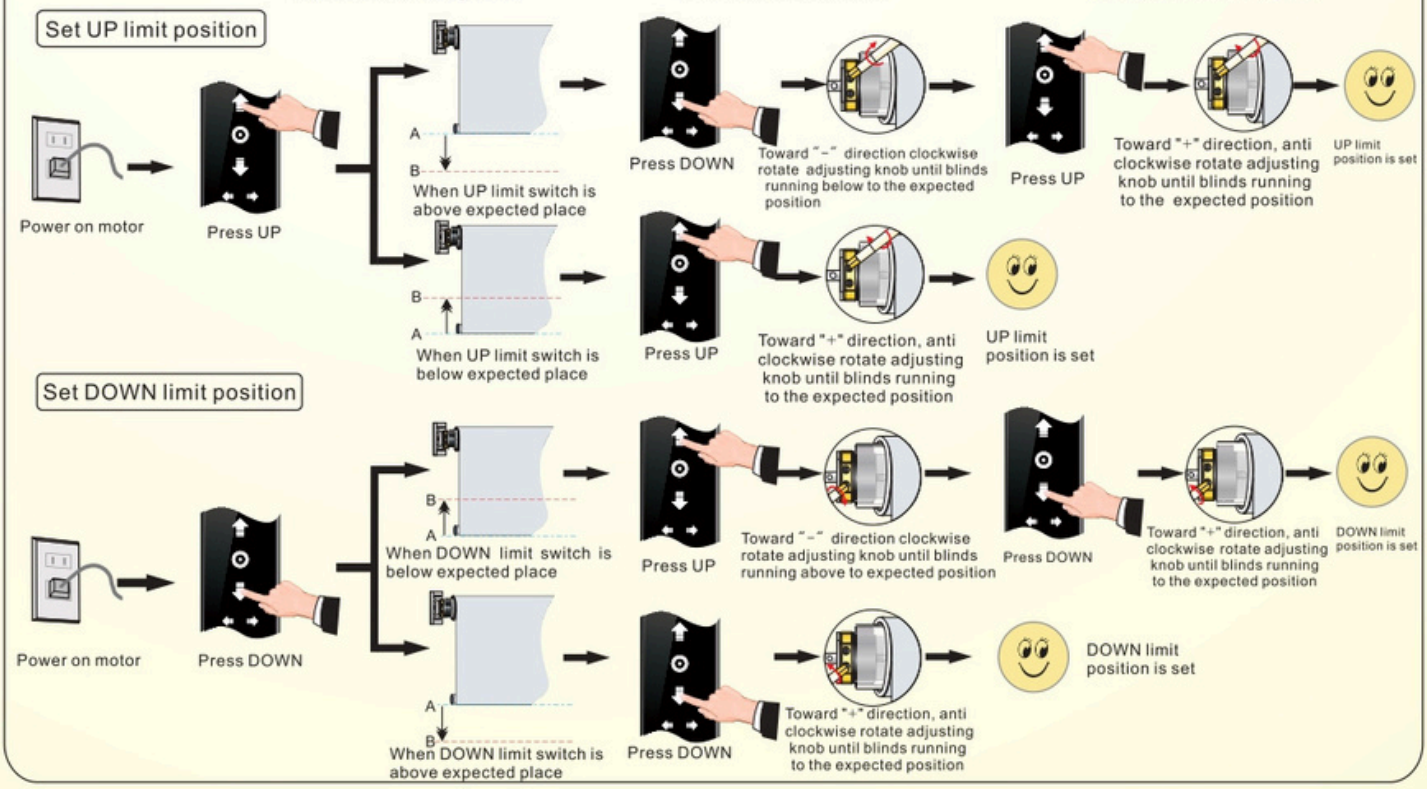
A. When motor limit head is left side, blinds outward rolling move



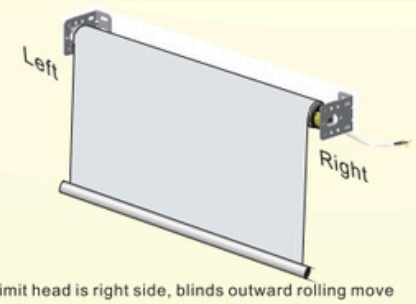
B. Adjust the UP adjusting knob to change UP limit position



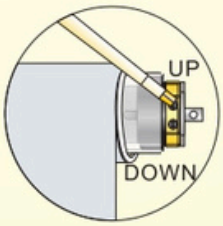
C. Adjust the DOWN adjusting knob to change DOWN limit position



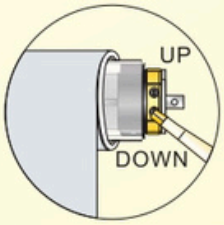
Installation 2



A. When motor limit head is right side, blinds outward rolling move

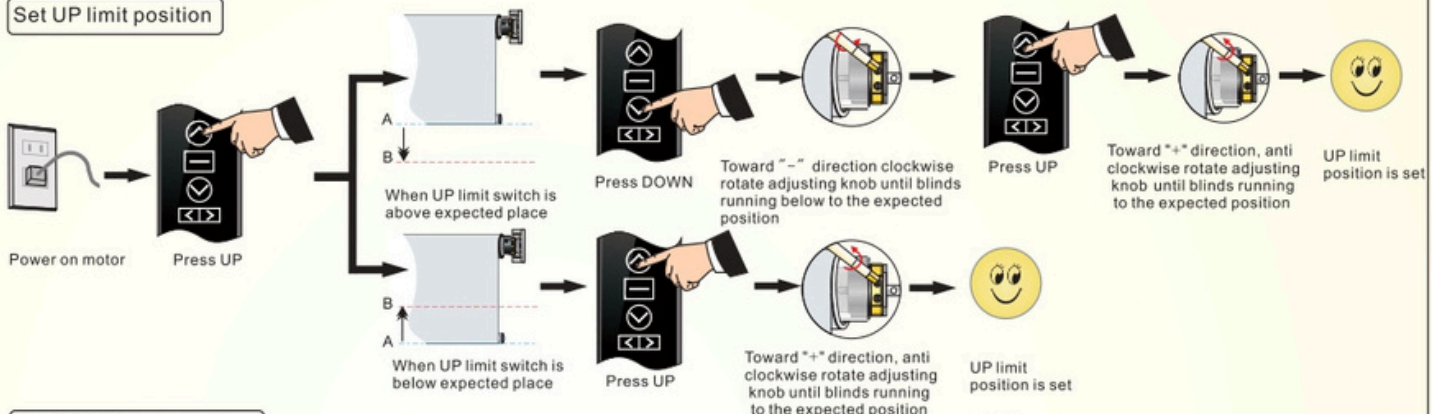


B. Adjust the UP adjusting knob to change UP limit position

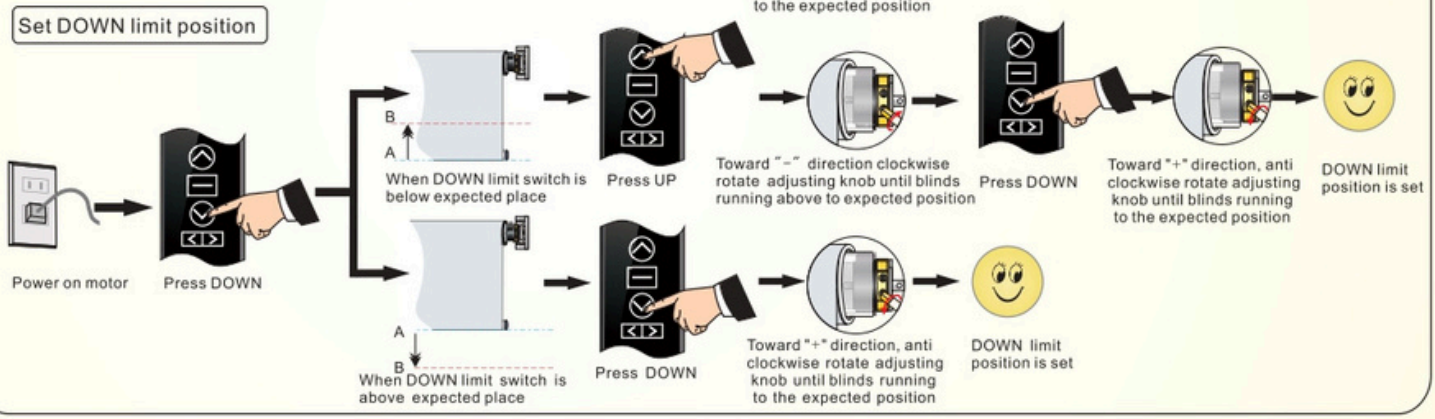


C. Adjust the DOWN adjusting knob to change DOWN limit position

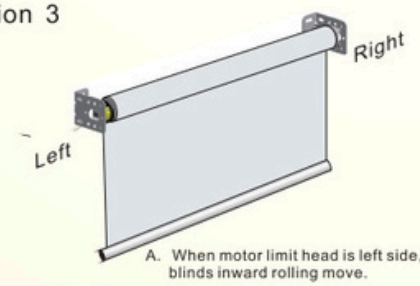
Set UP limit position



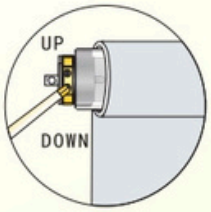
Set DOWN limit position



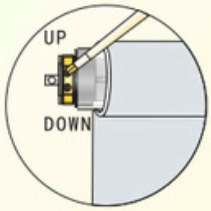
Installation 3



A. When motor limit head is left side, blinds inward rolling move.

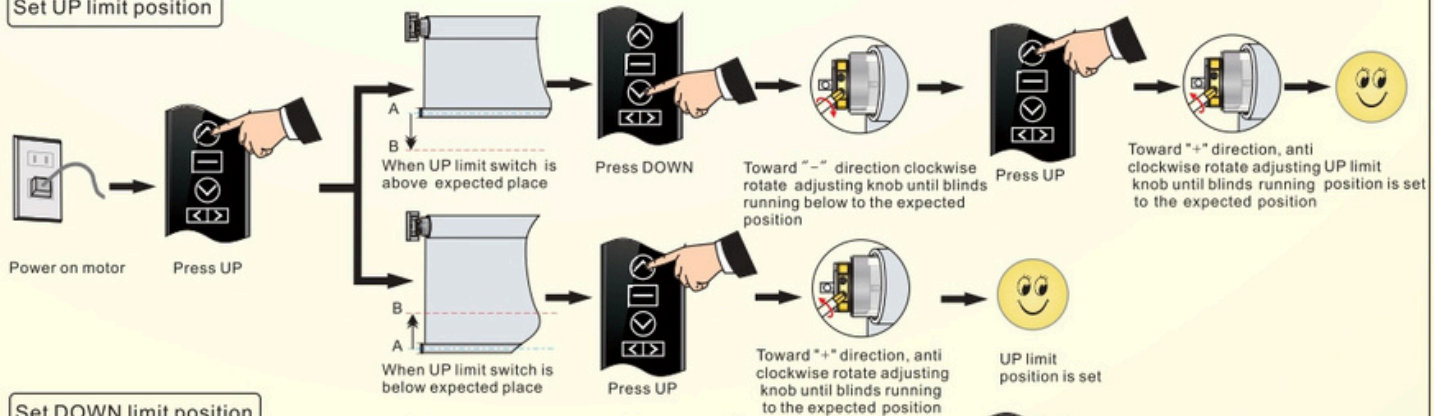


B. Adjust the UP adjusting knob to change DOWN limit position

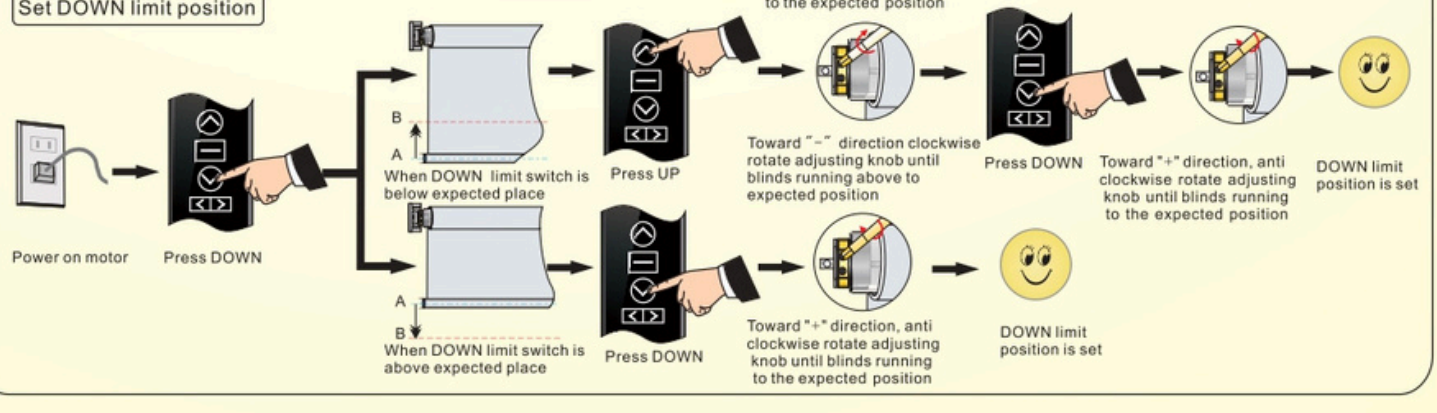


C. Adjust the DOWN adjusting knob to change UP limit position

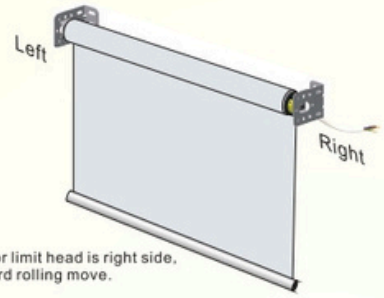
Set UP limit position



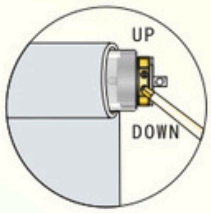
Set DOWN limit position



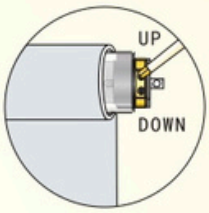
Installation 4



A. When motor limit head is right side, blinds inward rolling move.

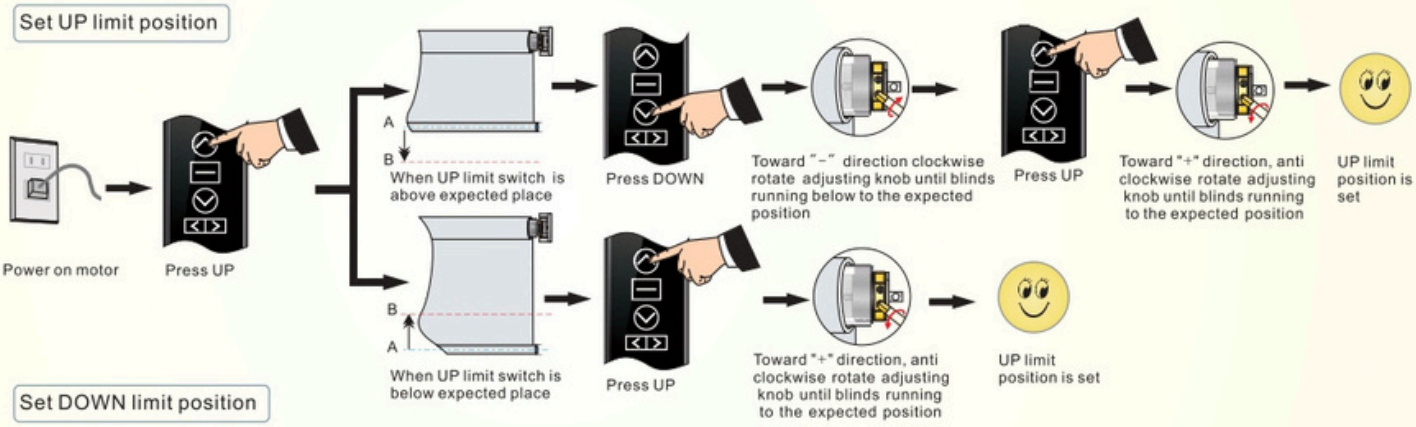


B. Adjust the UP adjusting knob to change DOWN limit position

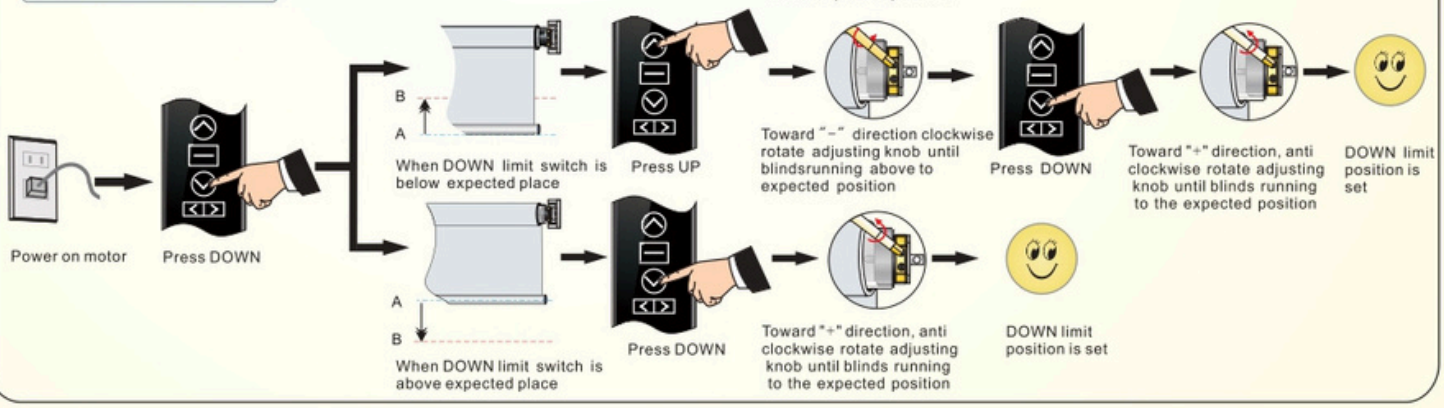


C. Adjust the DOWN adjusting knob to change UP limit position

Set UP limit position



Set DOWN limit position



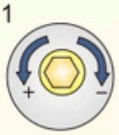
Remark: 25° angle limit motor (Picture2)

Adjust journey position by adjusting knob as Picture 1.

Set UP limit position : Corresponding above four installation, the same as set DOWN limit position

Set DOWN limit position : Corresponding above four installation, the same as set UP limit position

Picture 1



Clockwise: Increase journey

Anticlockwise: Decrease journey

Picture 2

25° angle limit motor

F Troubleshooting

Items	Problem	Matter	Shooting
1	After connecting with the power, the motor can not work or work slowly.	a. The voltage is wrong b. Over loading c. Wrong installation cause accessories stuck	a. Change to rated voltage b. Adjust loading until safety loading c. Check accessories and ensure the correct installation
2	After connecting with power, only one direction can work, the other direction can not work	The limit position of fail working is not opened	Rotate crown 1or 2 circles by hand on the opposite of motor current running direction
3	The motor stops running suddenly	a. The motor is in the mode of over-heat protection; precaution, over 130℃ b. Power is off c. Motor arrived at the limited position	a. when temperature drops(after about 3 minutes), the motor will come back to work again b. Once connecting with the power well, the motor will come back to work c. To check whether need to change limit position by adjusting knob
4	Press controller / switch's DOWN button, blinds UP running	Wrong wiring	Exchange the connection of black and blue wires.

Contact Us

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