

Universal Control Quiet Curtain Motor Manual

Features

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- AC100-240V, widen voltage input for different voltage power area
 - Light touch to start the motor by softly drag the curtain fabric, it will open or close the curtain automatically
 - When the electricity off, it can be manually operated
 - Soft start and soft stop, quiet and smooth running
 - It takes the first open and close position as its stops, and keeps the small gaps of the pulleys and pulley and gearboxes to protect the parts clash.
 - Various control way for application requirements
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- **Flexible quiet design:** high-precision drive, leading intelligent design, beside, slow open and close make it light and smooth moving
 - **Various control:** According to the application, with option of RF control, hard wire, RS232/485 bus line control etc
 - **Remember limits:** Motor remember the first open and close stop, and keep no hit on the parts for longer life usage, even the power off and on again

Parameters

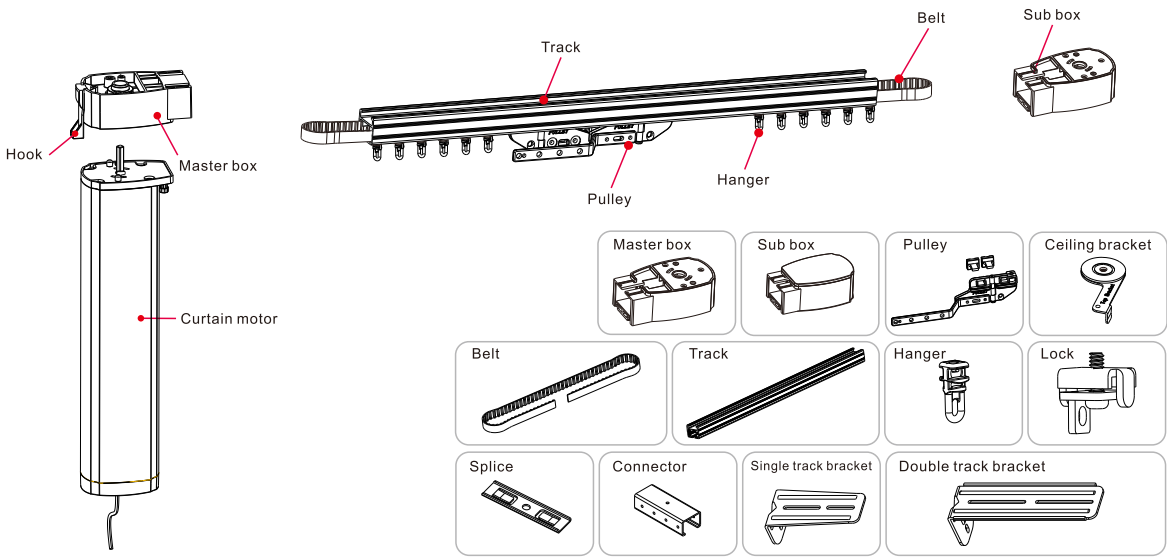
Model No.	Rated torque	Speed	Housing size	Rated voltage	Rated power	IP level
AM50-1.2/100-EM-P	1.2N.m	12CM/S	295x50x50mm	100~240V AC 50/60Hz	40W	IP20

Diagram

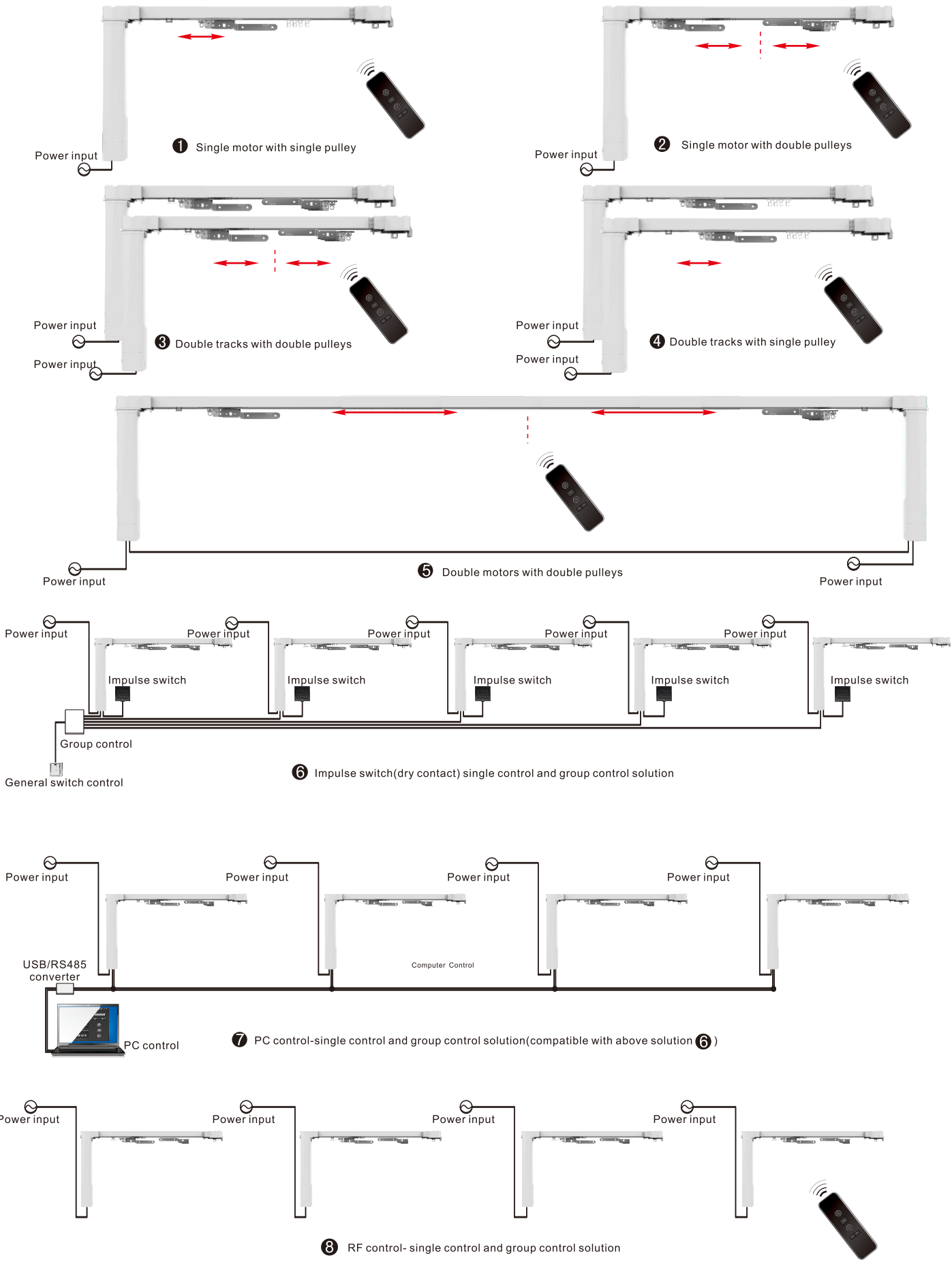
Track length	Fabric weight		Track and pulley		Double pulleys		Single pulley	
4m	60kg	50kg	45kg	40kg	35kg	30kg	31kg	21kg
8m	55kg	45kg	40kg	35kg	30kg	25kg	21kg	16kg
12m	50kg	40kg	35kg	30kg	25kg	20kg		

Fabric weight = weight per unit area(Kg/m²) Xcover area(m²) Xfolding rate
Remarks: Max. loading capacity in diagram above does not include friction between track and accessories or others

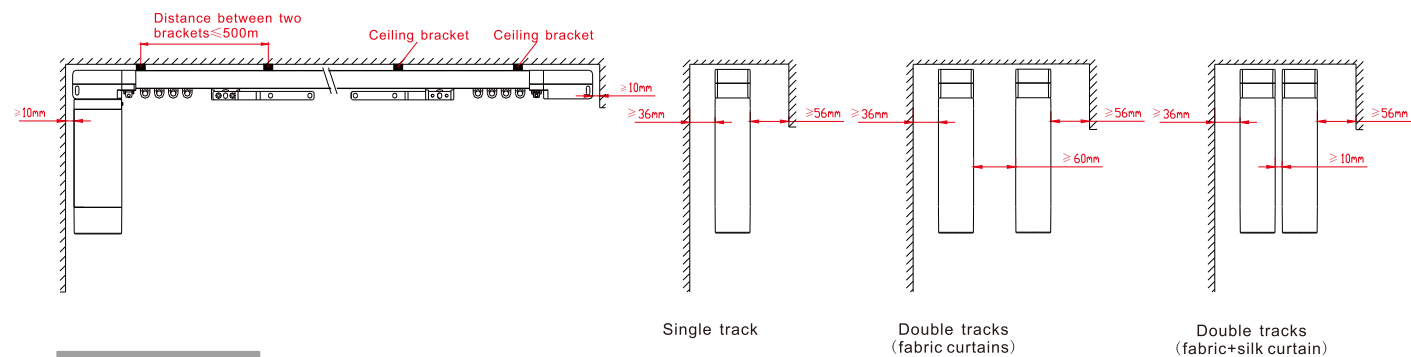
Structure and accessories



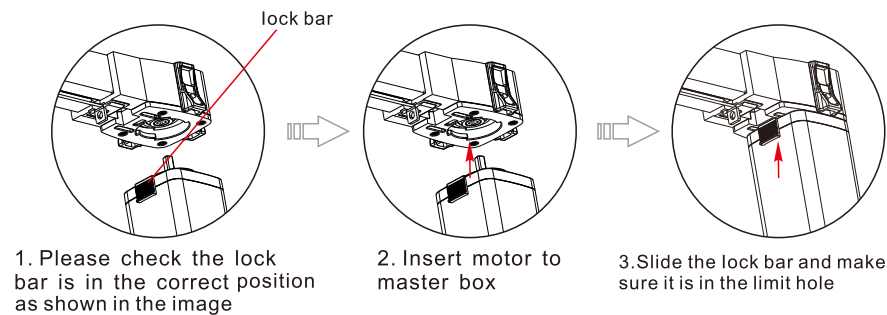
Solution



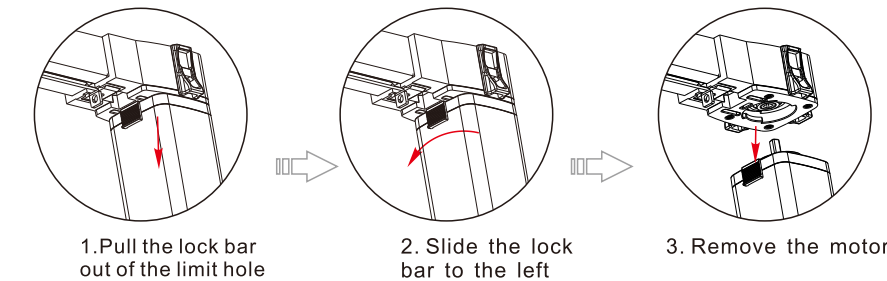
Installation



Motor installation

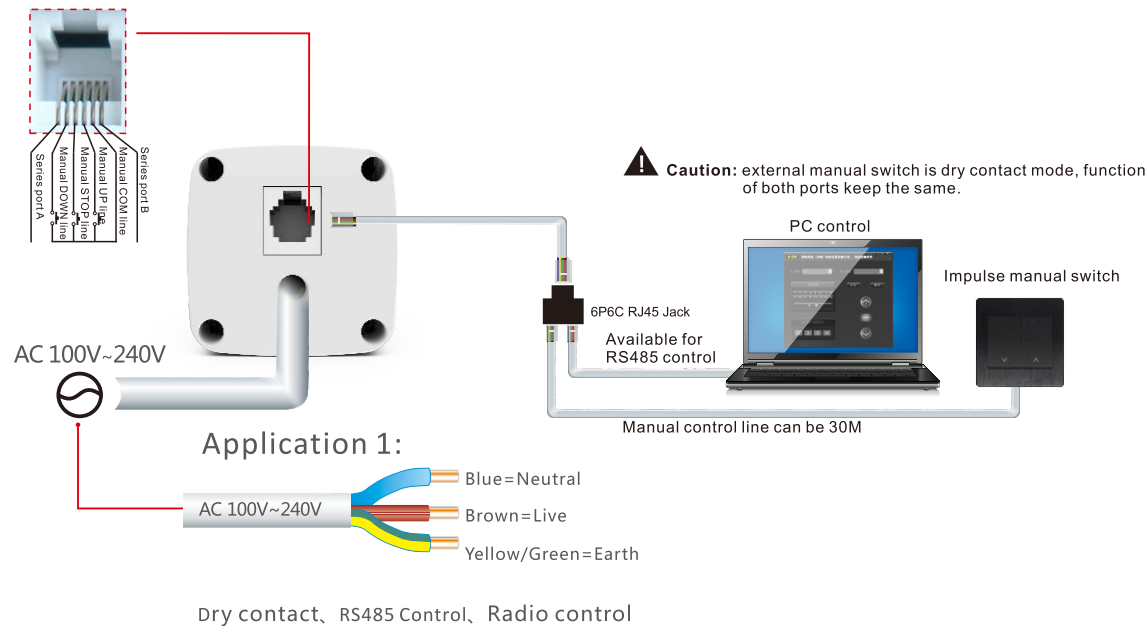


Motor uninstallation



- Caution**
- ❑ Please follow the above diagram for installation
 - ❑ Make sure the lock bar is in the position as shown in image
 - ❑ Make sure the ceiling is strong enough to bear the total weight of track, motor and curtain

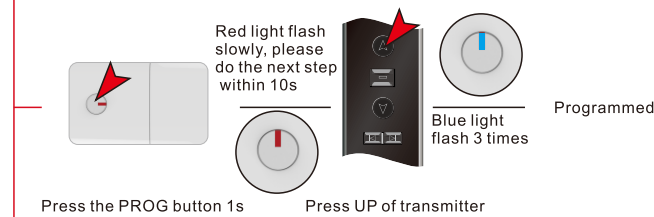
Wiring



Operation instructions

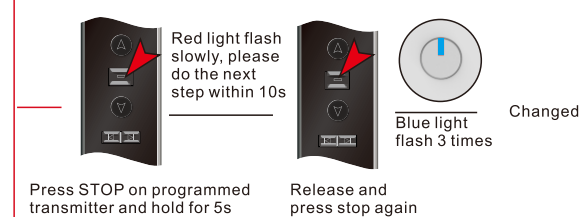
Please select channel for multi-channel transmitter before operation
0.5s is needed for up/down converting, max single running time is 4 min

1. Programming

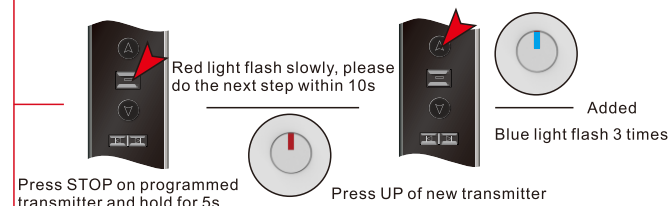


2. Changing direction

In the case of the motor goes in wrong direction

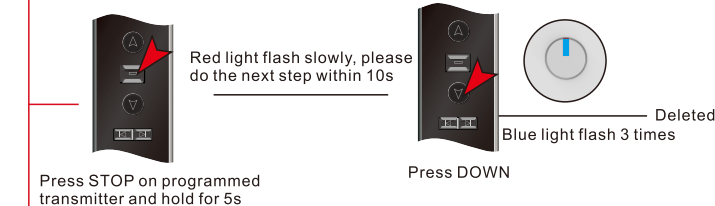


3. New transmitter adding



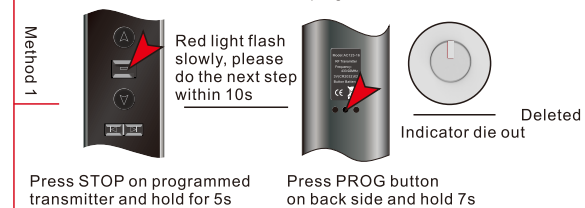
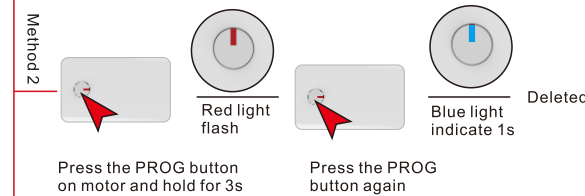
4. Single code deleting

If you are using multiple channel transmitter please select the channel first

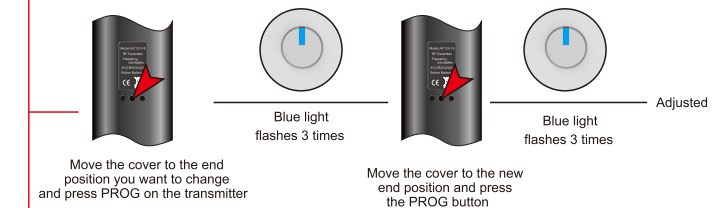


5. All code deleting

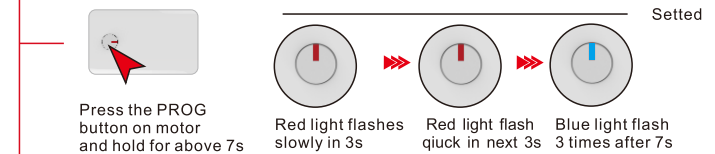
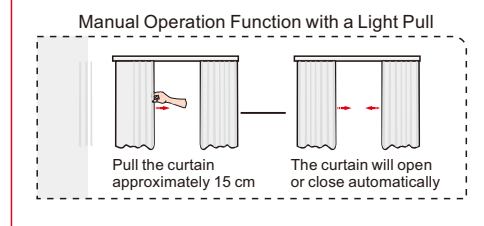
Journey will be deleted and the running direction will be the factory defaulted mode, keeping the touch function



6. End Position Adjustment



7. Manual function setting



Trouble shooting

Problem	Analysis	Solution
Power on, but motor no reaction	Check the wiring is correct or not.	Please follow the wiring diagram to correct the connection.
Motor is working but the curtain don't move	Check the method of the track installation is right or not.	Please check and adjust the wheel gear and belt.
Motor work automatically	Motor paired by other transmitter.	Delete all remotes, programming again.
Can't pull curtain move by hand	1. power off suddenly when motor running 2. the hand pull position is wrong, resulting pulley stuck.	1. pull the curtains back wards, then pull it again. 2. hand pull position back 10 cm.



In accordance with the provisions of the Directive of the European Parliament and of the Council 2012/19 / EU of 4 July 2012 on waste electrical and electronic equipment(WEEE), it is prohibited to place of used equipment together with other wastes, marked with crossed out wheeled bin symbol. The users are obliged to transfer their used equipment to a designated collection point for proper processing. The marking means, at the same time, that the equipment was put on the market after 13 August 2005. These legal obligations have been introduced to reduce the amount of waste generated from waste electrical and electronic equipment and to ensure an appropriate level of collection, recovery and recycling. The equipment does not contain any dangerous components, which would have any particularly negative impact on the environment and human health.



A-OK hereby declares that the drive covered by these instructions, when marked for input voltage AC100-240V 50/60Hz and used as intended according to these instructions, is in compliance with the essential requirements of Directives 2014/30/EU declaration of conformity detailing standards and specifications used and stating all particulars for identification of the drive, name and address of the person(s) authorised to compile the technical file and empowered to draw up the declaration including place and date of issue can be contacted A-OK headquarters customer service at 0752-5717888.