



TPro-30 Motorised Curtain Track System
Set Up and User Guide



TPro-30 Motorised Curtain Track System - Set Up and User Guide V1.1



Features

- AC100-240V, wide voltage input for different voltage power area
- Light touch to start the motor by softly dragging the curtain fabric, it will open or close the curtain automatically
- When the electricity is off, it can be manually operated
- You can set a third limit in the middle between the open and close points
- Soft start and soft stop, quiet and smooth running
- It takes the first open and close position as its stops, and preserves gaps between pulleys and gears to avoid parts clashing.

- **Flexible quiet design:** high-precision drive, leading intelligent design, slow open and close make it a light and smooth operation.
- **Various control:** According to the application, option for RF control, hard wire, Rs485 bus line control etc.
- **Remember limits:** Motor remembers the first open and close stops even after power cuts.

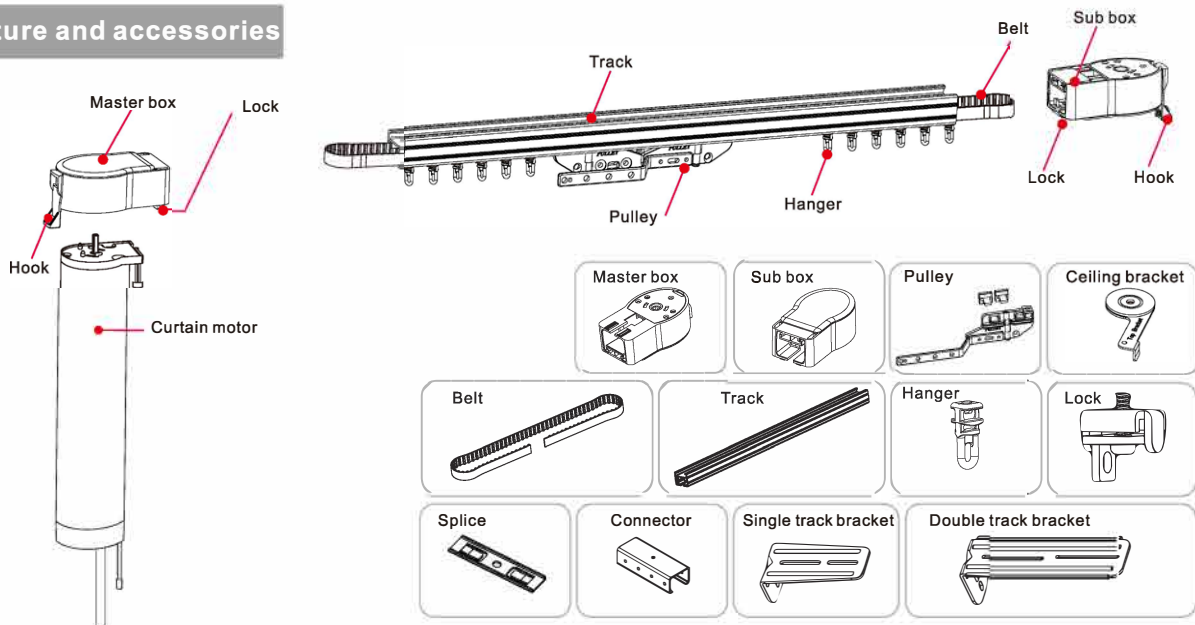
Parameters

Model number	Rated torque	Speed	Housing size	Rated voltage	Rated power	IP level
AM68-1/80-EM-GP	1N.m	14cm/s	310×68×50mm	AC100-240V 50/60Hz	65W	IP20
AM68-2/80-EM-GP	2N.m	14cm/s	310×68×50mm	AC100-240V 50/60Hz	80W	IP20

Loading diagram

Track length	Single motor with double pulley		Single motor with single pulley		Single motor with double pulley		Single motor with single pulley	
	R500	R3000	R500	R3000	R500	R3000	R500	R3000
4m	90kg	75kg	67.5kg	60kg	52.5kg	45kg	46.5kg	31.5kg
8m	82.5kg	67.5kg	60kg	52.5kg	45kg	37.5kg	31.5kg	24kg
12m	75kg	60kg	52.5kg	45kg	37.5kg	30kg		

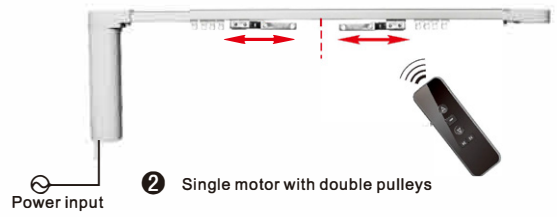
Structure and accessories



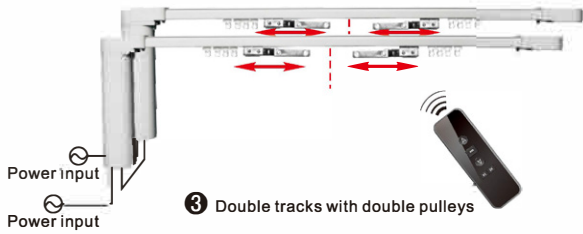
Solution



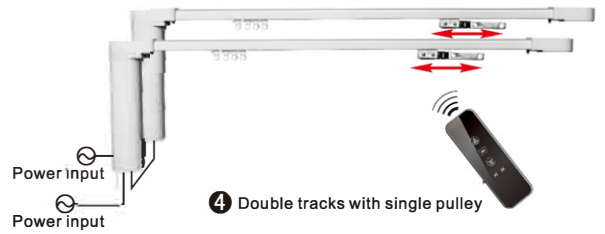
1 Single motor with single pulley



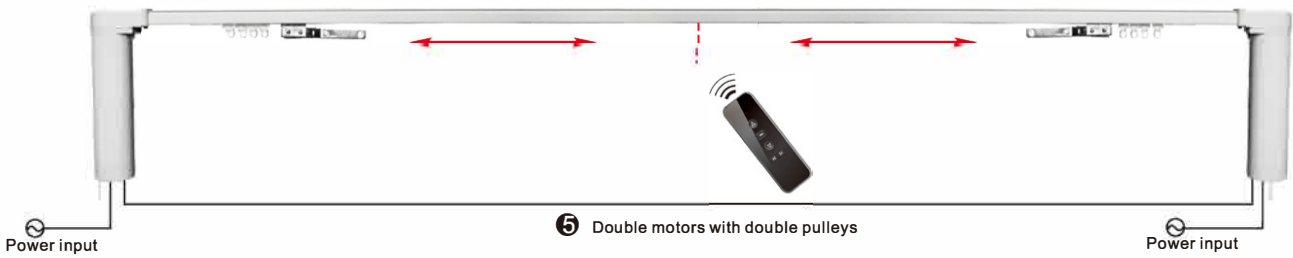
2 Single motor with double pulleys



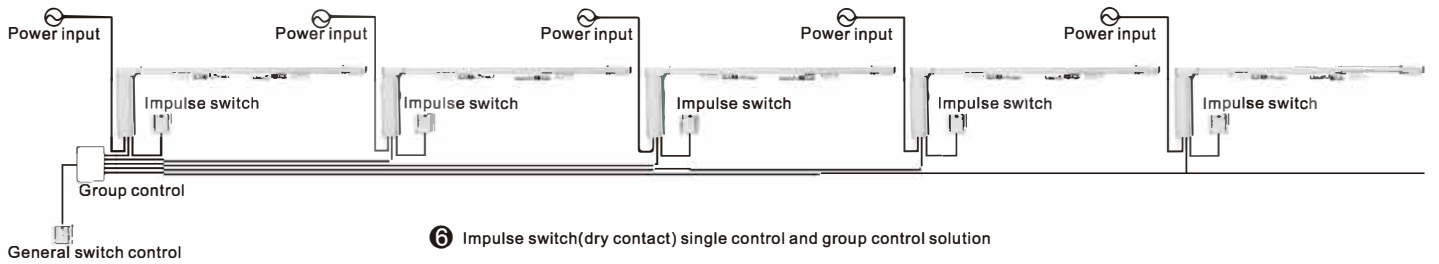
3 Double tracks with double pulleys



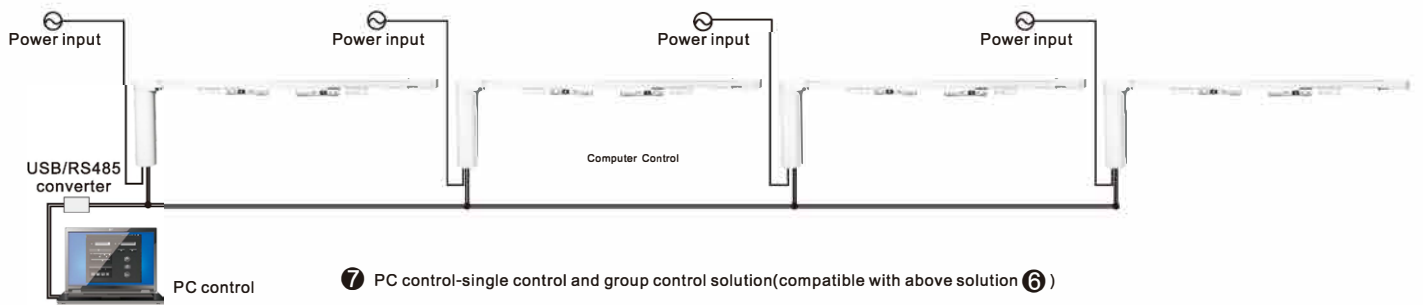
4 Double tracks with single pulley



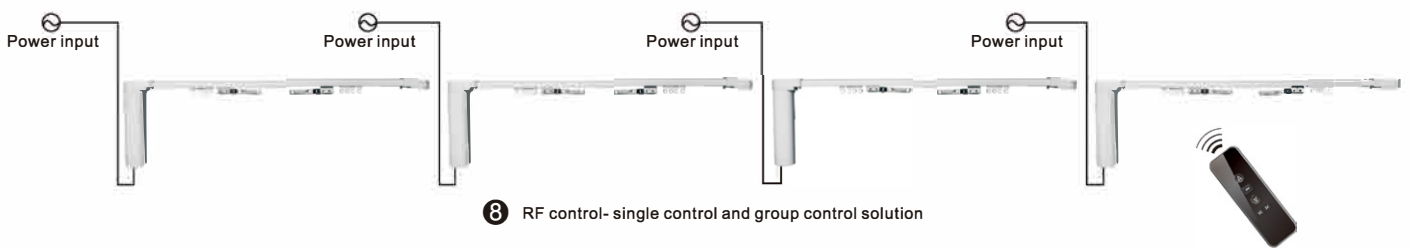
5 Double motors with double pulleys



6 Impulse switch(dry contact) single control and group control solution

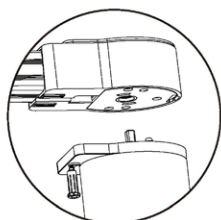
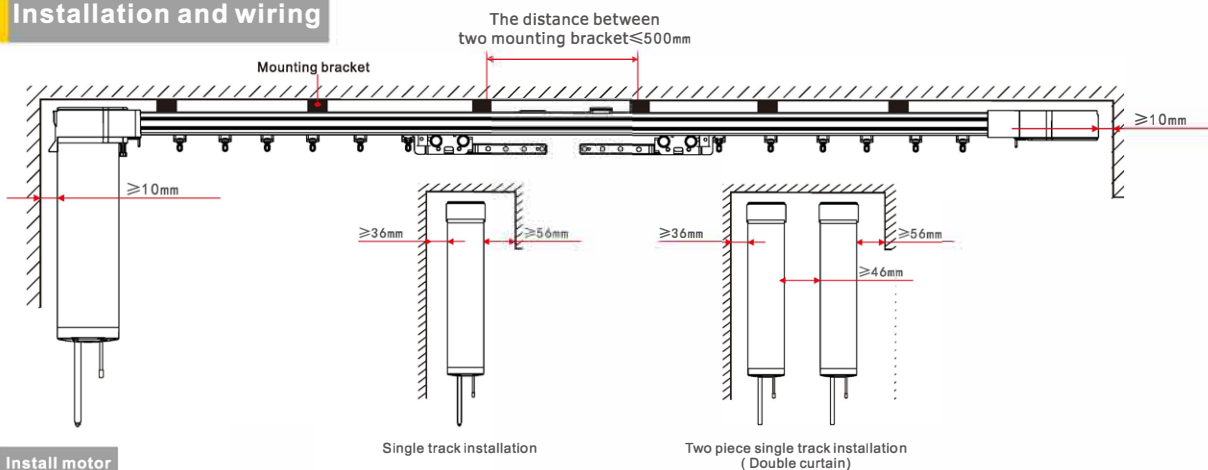


7 PC control-single control and group control solution(compatible with above solution **6**)

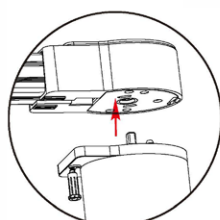


8 RF control- single control and group control solution

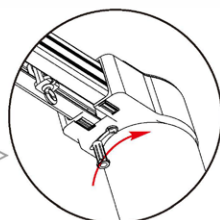
Installation and wiring



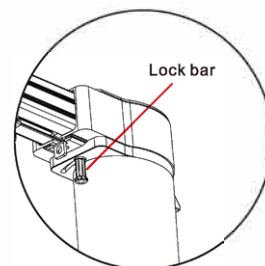
1. Please check and keep the lock bar at the left side as the image



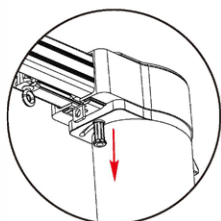
2. Insert the motor to main box



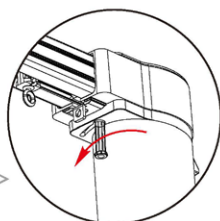
3. Slide the lock bar and make sure it is in the limit hole on the right



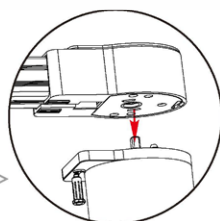
Remove motor



1. Pull the lock bar and make it slide out of the limit hole



2. Slide to the left

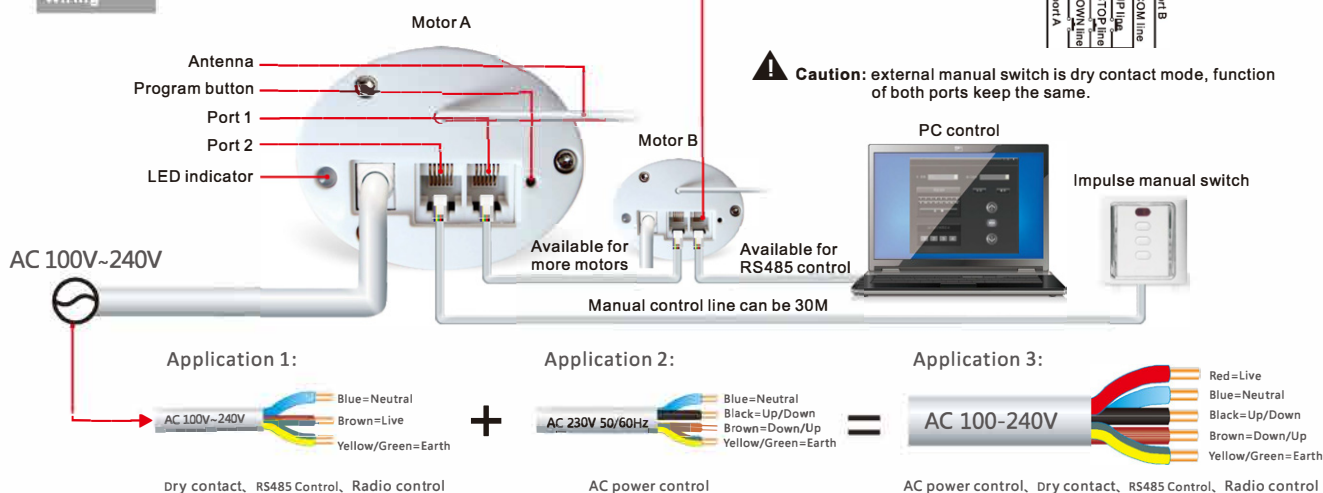


3. Removing motor

Caution

- Please follow the installation drawing above
- Make sure the lock bar in the correct position as image
- Ceiling must be strong enough to hold the track, motor and curtain

Wiring



Functions

Automatical remember journey

Motor stop at the open and close ends during the first operation, and keep it as the stop journey even the power off and on again

Over current protection

Able to effectively avoid electric parts burnt or damage with over loading, and its coming fire damage. If there are two times short circuit caused by over loading in 1min, the red indicator light, the motor enter into protection mode. It has to be re-power to start again

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

Red light flash slowly, please do the next step within 10s

Press the PROG button 1s

Press UP of transmitter

Blue light flash 3 times

Programmed

2 Changing direction

In the case of the motor goes in wrong direction

Red light flash slowly, please do the next step within 10s

Press STOP on programmed transmitter and hold for 5s

Release and press stop again

Blue light flash 3 times

Changed

3 Mid-limit position setting

Only one can be set

Mid-limit position set

Blue light flash 3 times

Set

Press UP + DOWN for 1s

Middle position operation

Move to mid-limit position

Press STOP and hold for 2s

Middle position delete

Deleted

1 Blue light flash 3 times

Press UP + DOWN and hold for 5s

4 New transmitter adding

Red light flash slowly, please do the next step within 10s

Press STOP on programmed transmitter and hold for 5s

Press UP of new transmitter

Blue light flash 3 times

Added

5 Single code deleting

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

Red light flash slowly, please do the next step within 10s

Press STOP on programmed transmitter and hold for 5s

Press DOWN

Blue light flash 3 times

Deleted

6 All code deleting

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

Method 1

Red light flash slowly, please do the next step within 10s

Press STOP on programmed transmitter and hold for 5s

Press PROG button on back side and hold 7s

Indicator die out

Deleted

Method 2

Red light flash

Press the PROG button on motor and hold for 3s

Blue light indicate 1s

Deleted

7 Manual function setting

Press the PROG button on motor and hold for above 7s

Red light flashes slowly in 3s

Red light flash quick in next 3s

Blue light flash 3 times after 7s

Setted

Manual function demonstration

Pull the curtain about 15cm then release

Curtain open or close automatically

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