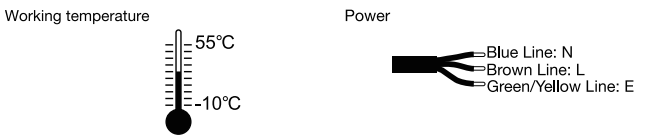


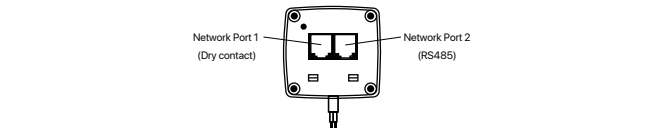
MD35UQ5025-Z

Tubular Motor User Manual

01 Product Info



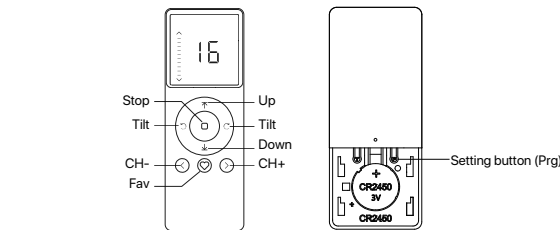
MD50UQ1214-R network port line sequece diagram



Network port 1 (Dry contact)					
1	2 Black	3	4 Yellow	5 Green	6
/	Public Line	/	Close Line	Open Line	/

Network port 2 (Wi-fi interface)					
7 White	8	9	10 Green	11 Yellow	12 Blue
B	/	/	B-	A-	A+

Remote controller

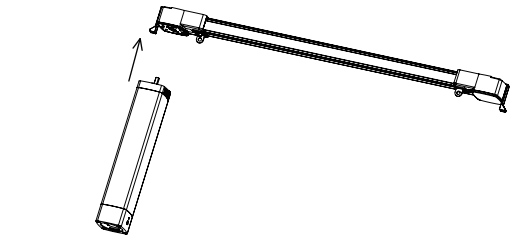


Parameters (details on motor)

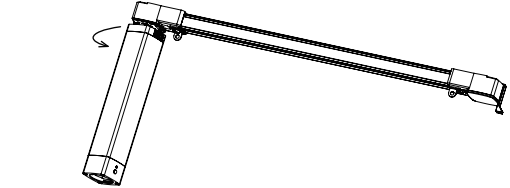
MD	50	UQ	12	14	R
DC Motor	Dimensions: 50 mm	Q: Super Silent	Torque: 1.2 Nm	Speed: 14 cm/s	Radio

02 Installation

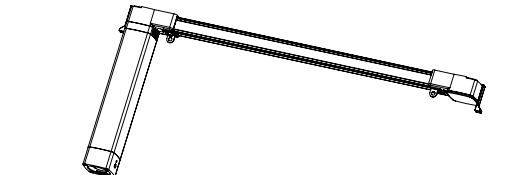
Step 1: Instert motor shaft in arrow direction into the drive pulley



Step 2: Rotate motor and circlip reset automatically



Step 3: Check circlip position



Removing operation is the same as the installation

03 Caution!



- 1.This product is for indoor use only, do not use outdoor or in humid environments.
- 2.The motor will response in operation, please do not proceed to the next step until it complete.
- 3.During operation, the effective interval of the transmitter button operation is 10 seconds If there is no effective transmitter operation for more than 10 seconds, it will automatically exit the current mode.
- 4.The motor can be paired with max 10 controllers.
- 5.The open&close limits cannot be set at the same point. Limits saved even power off.
- 6.With soft start&stop function,the motor will start and stop slower to make it run elegantly.
- 7.Do not lift the motor by grabbing the wire or antenna.

04 Instructions

Setting button (H) functions

Functions	Operation	Jogging Time	LED lamp flickers	Note
Control the OPEN/ STOP/CLOSE of the Shade	Short press	/	/	Can only operate after limits are set
Adding/Removing Controller	Hold for 2s	Open & Close *1	Flicker*1	Operation needs be done within 10s
RF Control Inactive	Hold for 6s	Open & Close *2	Flicker*2	Hold H button for 6s, LED flickers twice to show the RF control is inactive; hold H button for 2s, the RF control is active again
Direction Reverse	Hold for 10s	Open & Close *3	Flicker*3	All settings saved after direction reversed
Reset	Hold for 16s	Open & Close *4	Flicker*4	All settings deleted

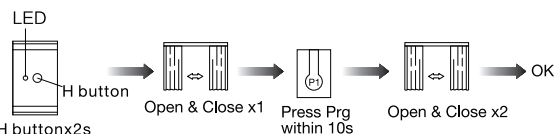
a.Pairing Motor with Controller

- Add a new controller

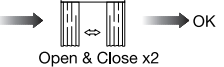
Way 1:



Way 2:



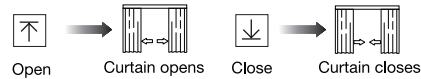
- Copy to another control



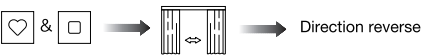
Note: Pairing can not be done under group channel or 0 channel.

b.Direction Reverse

Correct

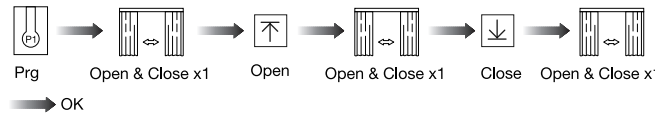


If the limits are not set, and direction goes opposite.

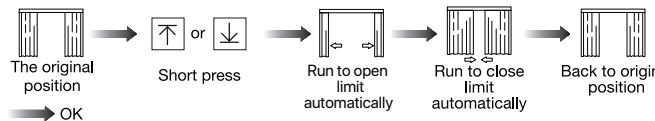


Fav & Stop x2s Open & Close x1

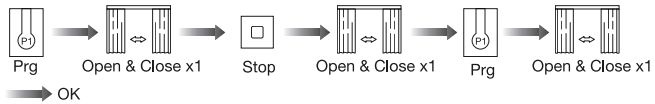
If limits are set and direction goes opposite.



c.Automatic Open & close Limits Setting



d.Deleting Open & Close Limits



Note: Delete the limits and reset limits after the curtain fabric or track changed

e.Setting and Cancelling Favorite Position

Setting



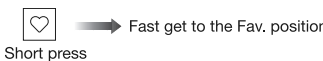
Cancelling



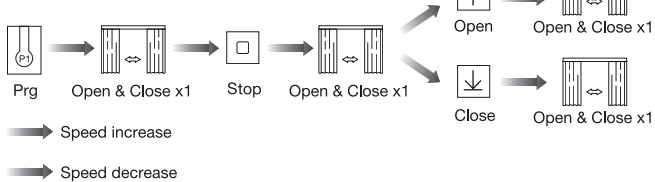
You can delete the favorite position by repeating the above operation

Note: The Fav. positon must be set after open&close limits set

f.Hot key to the Fav. Position



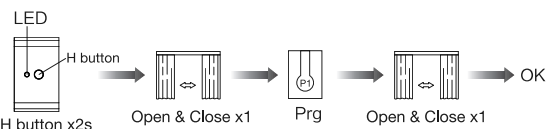
g.Adjusting Motor Speed



Note: If motor doesn't response , the max/min speed has already been reached. There are 3 speeds adjustable.

h.Removing Controllers

Remove a single controller



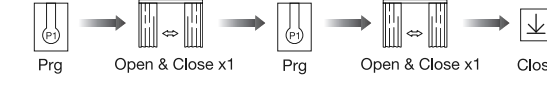
Remove controller B via pre-existing controller A



Controller B removed

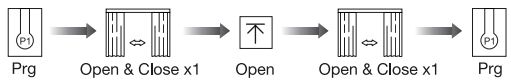
Open & Close x1

Remove all controllers:



Note: All the settings are saved even controllers removed(limits set are saved Controller A/B are already paired to motor)

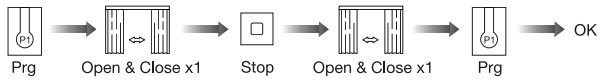
i.Adjusting Open & Close Limits



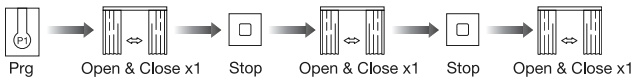
Motor run automatically to set open&close limits

Note: After the motor runs for a long time, if it does not close well or the stall protection well, please do this adjusting limits operation.

j.Cancelling Limits



k.Turn On/Off Manual Control Function

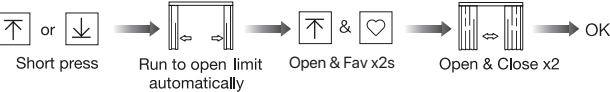


Manual control function is off

- Note: a.You can turn on/off manual control function by repeating the above operation
b.Manual control function is on by factory default
c.When the manual control function is on, hand-pull the curtain, the curtain will automatically start running in the direction of pulling.

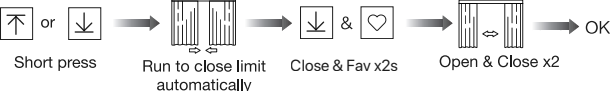
l.Open/Close Limits Setting Manually

Setting open limit



Note: Repeat the above to delete the open limit.

Setting close limit



Note: Repeat the above to delete the close limit.

05 Troubleshooting

Fault	Cause	Solution
Motor works but curtain fabric doesn't run	Curtain track installed correct or not	Check and adjust loose fit of track&belt
Remote controller doesn't work	Controller run out of battery	Replace the battery
Motor doesn't work while controller indicator blinks	Motor and controller not paired	Pairing controller&motor
Curtain gap too big while close	Accessories such as belt changed the close limit; or open/close limit reset by manual setting	Delete open/close limits and reset new open/close limits
Cannot pull the curtain fabric by manual	Manual control function is off	Turn on manual control function by controller setting