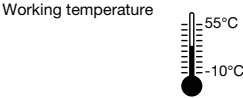
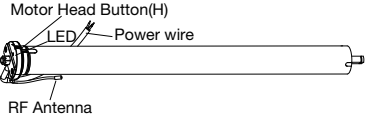


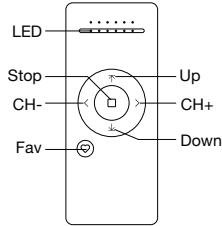
AC Electronic Tubular Motor

User Manual

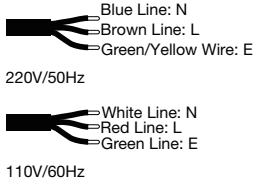
01 Product Info



Remote Controller Buttons



Power Options



Models & Parameters (for details about other parameters, see the product nameplate)

JCA	35	S	E	100	17
AC Motor	Tube Diameter: 35 mm	S: Standard	E: Electric limit 230V/50Hz EL: Electric limit 110V/60Hz	Torque: 10 N.m	Speed: 17 Rpm

02 Caution!



- 1.The power supply is AC supply.
- 2.Please confirm the rated voltage and frequency according to the nameplate when using it.
- 3.The motor will jog in operation, please do not proceed to the next step until it complete.
- 4.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.
- 5.The motor can be paired with max 10 controllers.
- 6.Upper&Lower limits cannot be set at the same position, limits saved even power off.
- 7.The motor runs constantly for at 6mins max without any other operation.
- 8.Do not lift the motor by grabbing the wire or antenna.

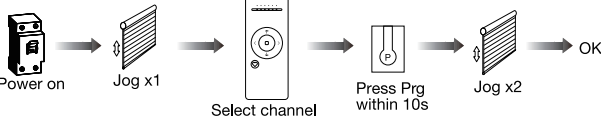
03 Instructions

Motor head button (H) functions

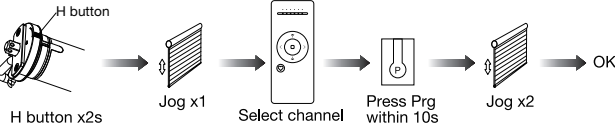
Functions	Operation	Jogging time	Note
Control the UP/STOP/DOWN of the Shade	Short press	/	Can only operate after the limits are set
Adding/Removing Controller	Hold for 2s	Jog*1	Operation needs be done within 10s
RF Control Inactive	Hold for 6s	Jog*2	Hold H button for 6s, jog twice to show the motor RF control is inactive; Hold H button for 2s, the RF control is active again.
Direction Reverse	Hold for 10s	Jog*3	All settings saved after direction reversed
Reset	Hold for 16s	Jog*4	All settings deleted

a.Pairing Motor with Controller

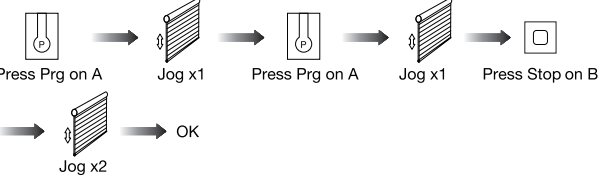
Way 1: Power on, add a new controller



Way 2: After motor is powered on for more than 10s



Way 3:Power on,add controller B via pre-existing controller A



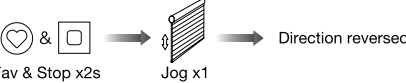
Note: Pairing can not be done under group channel or 0 channel.

b.Direction Reverse

Correct



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

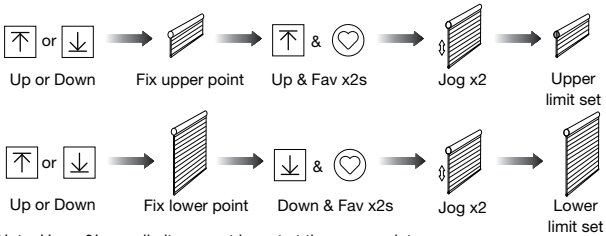


If limits are set and direction goes opposite.



Note: Do reverse the direction when it goes opposite.

c.Upper&Lower Limits Setting



Note: Upper&Lower limits cannot be set at the same point.
Before limits set, the motor will run in one-touch mode by pressing Up or Down, hold Up or Down for 2s, motor runs in constant-touch mode.
Once limits set, press Up or Down, motor runs in constant-touch mode.

d.One-touch/Constant-touch Mode

Constant-touch ----->One-touch



Same operation can toggle from one-touch to constant -touch mode.

Note: When motor in one-touch mode, hold Up or Down for more than 2s, it will run in constant-touch mode.

e.Setting and Cancelling Favorite Position

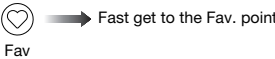
Setting



Cancelling



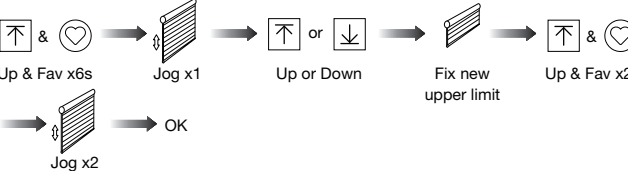
f.Hot key to the Fav. Position

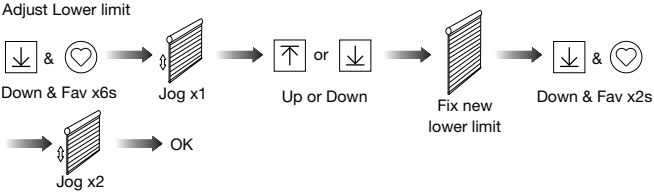


Note: The Fav.position setting only can be done after upper&lower limits set.

g.Adjusting Upper & Lower Limits

Adjust Upper limit

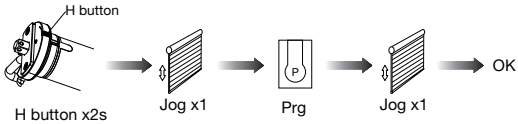




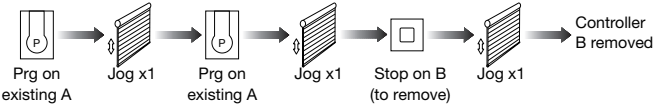
Note: The operation should be done within 4mins.

h.Removing Controllers

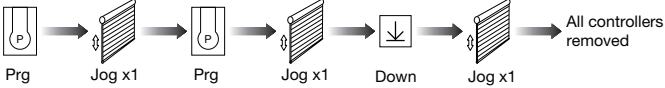
Remove a single controller



Remove controller B via pre-existing controller A

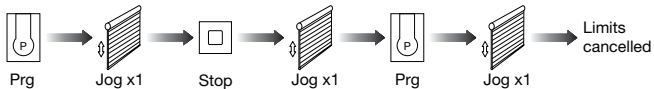


Remove all controllers:



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

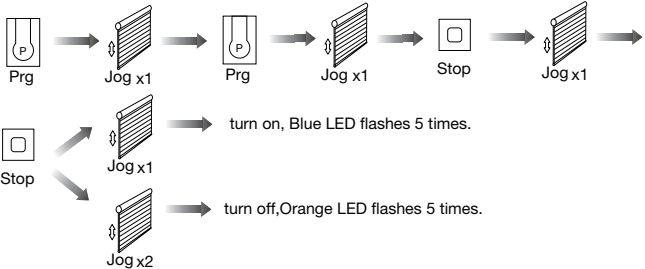
i.Cancelling Limits



Note: It is forbidden to run the motor if installed into the shade without limits.
Limits should be set immediately to protect the shade.

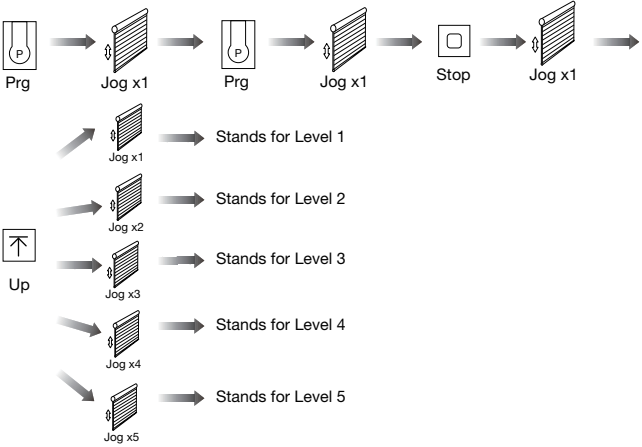
04 Obstacle detection function

a.Turn on/turn off the obstacle detection function



Note: Obstacle detection is turned on by default. The Blue LED will flash when pressing the motor head button under this mode. The Orange LED will flash if the mode is turned off.

b.Adjust the sensitivity of the obstacle detection



Note: The sensitivity of factory default is level 3. The motor must be in resistance mode and the test should be conducted with the corresponding tube.

05 Troubleshooting

Fault	Cause	Solution
The motor does not run or start slowly	1.Low voltage 2.Wrong wire connection 3.Overloading 4.Wrong installation	1.Adjust the voltage to rated data 2.Correct the wire connection 3.Put the suitable weight for roller shade 4.Reinstall the tubular motor
The motor suddenly stop	The motr has exceeded termal overheat protection (4 minutes)	Wait for the motor to cool down for approximately 20 minutes
The motor makes a strange noise when it runs	1.The crown and drive adapter are not well adapterd to tube 2.The driving tube is too long, cused the brackets are too tightly	1.Change correct size crown and drive adapter 2.If idler is active, make driving tube shorter to avoid the tight status