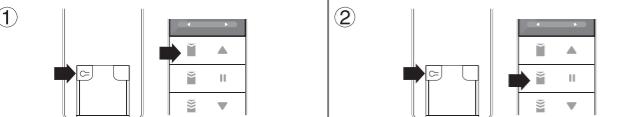
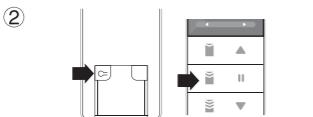




Set intermediate stop limits and 3 favorite positions



Press [Channel setting]+[Up tilt/75%], motor shakes, and then No.1 favorite position was setted successfully. Default values is 75%.

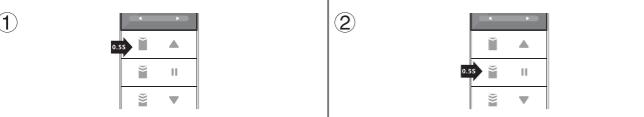


Press [Channel setting]+[Horizontal position/50%], motor shakes, and then No.3 favorite position was setted successfully. Default values is 50%.



Press [Channel setting]+[Down tilt/25%], motor shakes, and then No.2 favorite position was setted successfully. Default values is 25%.

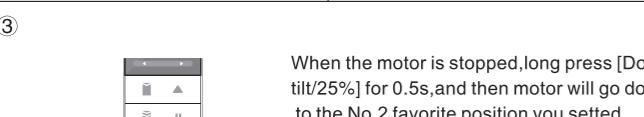
Show 3 favorite positions



When the motor is stopped, long press [Up tilt/75%] for 0.5s, and then motor will go up to the No.1 favorite position you setted. Default values is 75%.

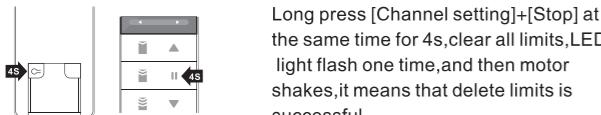


When the motor is stopped, long press [Horizontal tilt/50%] for 0.5s, and then motor will go to the No.3 favorite position you setted. Default values is 50%.



When the motor is stopped, long press [Down tilt/25%] for 0.5s, and then motor will go down to the No.2 favorite position you setted. Default values is 25%.

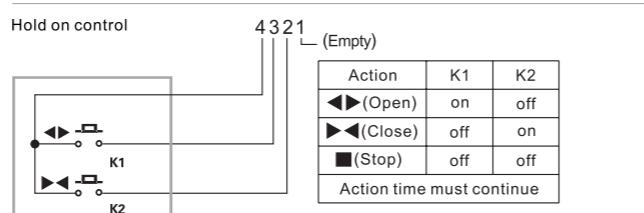
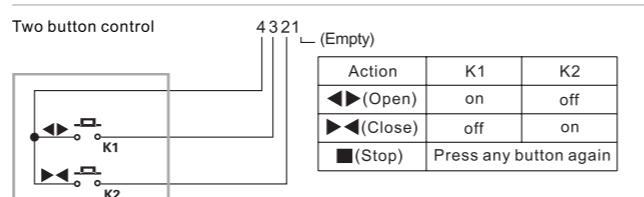
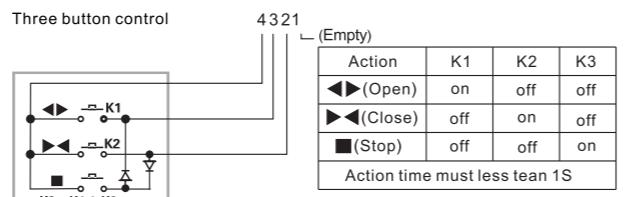
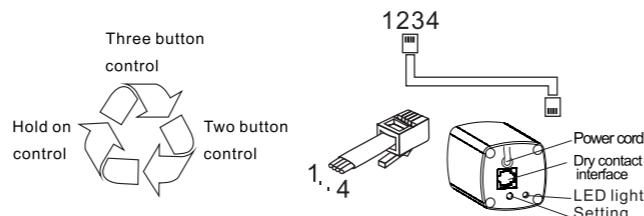
Delete limits



Long press [Channel setting]+[Stop] at the same time for 4s, clear all limits, LED light flash one time, and then motor shakes, it means that delete limits is successful.

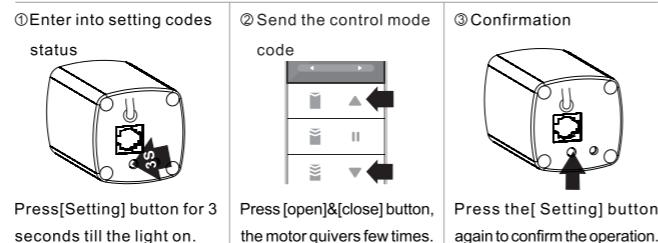
Control modes

The motor with dry contact interface which can offer three control modes, three modes switch cycle by the mode switch setting.



◆Change the control modes

It can switch cycle by the mode switch setting.



Usual malfunction

Malfunction	Possible cause	Solution
Motor no action	Power supply failure	Check the power supply
	Remote direction is opposite curtain to running direction	Change direction with transmitter
	Limit error	Cut off the power and reset limit after 15 seconds
Curtain can't close full	Phone cable failure	Check the phone cable
	Control modes match error	Execute mode and switch to appropriate mode
	Wrong channel setting	Reset the remote control channel
Switch no action	Battery insufficiency	Change the battery
	Too far control range	Do not use the transmitter beyond the control range
	Limit setting error	Reset again, the limit will be memorized
Remote control invalidation	Limit error	Cut off the power and reset limit after 15 seconds
	Too heavy fabric	Check the weight of the fabric if it's within the range of load capacity
	Fabric blocked	Check if the track of the fabric is blocked
Motor stops midway	Abnormal system	Cut off the power for one minute to restore the motor
	Other malfunctions	Please contact your dealer

Warranty

Series motor carry a five years warranty from the date of invoice. Faulty damage and dismantle are exclusive of warranty.

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Unit A,2/F,On Wah Industrial Building,41-43 Au Pui Street,Fo Tan,Shatin,N.T.,HongKong.
Tel: 00852-26909728 Fax: 00852-26900018

GUANGDONG RAEX INTELLIGENT TECHNOLOGY CO.,LTD.

XiLi Industrial Park,DongChong Town,Nansha district,
CuanZhou,China(Post Code:511475)
Tel: 008620-22916189 Fax: 008620-22916154

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Please install and adjust the product by professionals.

RAEX MACHINERY LIMITED

GUANGDONG RAEX INTELLIGENT TECHNOLOGY CO.,LTD.

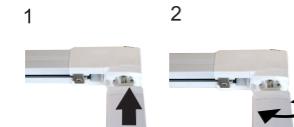
Main features

- ◆ Quiet, DC motor.
- ◆ Touch control technology, gently pulling the curtain to open or close.
- ◆ Special mechanical clutch design with patent, manual operation in case of power failure.
- ◆ Full automatic setting of the limits.
- ◆ Touch control function can be switched on and off.
- ◆ Slow start and slow stop function.
- ◆ Built-in radio receiver with network control.
- ◆ Easy to install, easy to operate.
- ◆ Compact aluminum track with electronicphoresis is available for straight and curve curtains.
- ◆ Textile teeth belt is durable, can stand heavy curtains and frequent operations.
- ◆ With dry contact interface, providing point of action, or even the movement pattern of remote control switch, facilitate the achievement of a variety of control modes.

Motor installation and disassembly

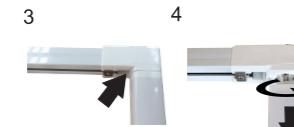
◆ Motor installation

- 1.Put the motor shaft into the drive unit
- 2.Turn the motor at 90 degree and make it parallel with the track



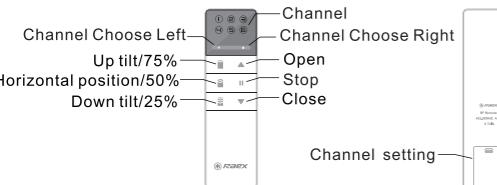
◆ Motor dismantling

- 1.Press and hold the clipping lock and push it up
- 2.Turn the motor at 90 degree and take out the motor



Remote control settings

YR2118B transmitter



Basic remote control setting

Before using the remote control function, the user must perform "Set remote channel" operation, in order to store the remote control channel into the controller.

If you need to make remote control channel invalid, you can perform the "Delete remote channel" operation.

When the rotating direction of motor is not same as the desired direction, you can do "Change the direction" operation for correcting it only by working with the transmitter.

★ Attentions

- 1.Each motor can record max. 16 channels, as soon as the motor receives remote control signal, it will act in response as setting.
- 2.If two motors have to work together, please set the same channel for two motors. This operation won't affect the individual control function of each motor.
- 3.Each motor can be adapted to various remote controls. YR2118B have many functions which have intermediate stop fuctions. So when on-site installation and debugging, it's recommended to use this kind of remote control.

◆ Setting remote control channels

① Enter into setting codes status



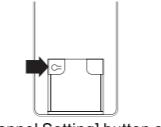
Press[Setting] button for 3 seconds till the light on.

② Choose channels



Press[Channel Choose Left] (or [Channel Choose Right]) button to choose the needed channel.

③ Send the current channel code



Press[Channel Setting] button on the back of transmitter till the indicator light of the motor sparkles.

④ Confirmation



Press[Setting] button again to confirm the operation. The remote channel is set.

◆ Delete remote control channels

① Enter into setting codes status



Press[Setting] button 3 seconds to indicate till the indicator light on.

② Delete remote control channels



Press[Setting] button again for 7 seconds till the light off. Channel deleting is completed.

◆ Change direction setting

① Enter into setting codes status



Press [Setting] button for 3 seconds till the light on.

② Send the current change direction code



Press[Channel Choose Left] and [Stop] button simultaneously.

③ Confirmation



Press[Setting] button again to confirm the operation. The remote channel is set.

★ Attentions

- 1.The setting limit and intermediate point will automatically be deleted when the user operates the change direction.
- 2.If the curtain cannot fully close when the motor is set to close. The curtain open / close direction is opposed, please change direction with remote setting as above.

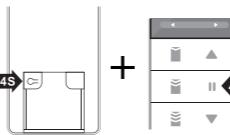
Operation setting

The motor will run slowly at the first time to record the length of the track system. Then when the motor works at the second time it will come to normal speed.

If the motor has been used in other tracks before, the curtain may not stop as expected in another track, because the motor recorded the previous limit information. In this case, you have to use initial operation.

◆ Initial operation setting

Press the[Channel Setting] on the back of transmitter &[Stop] button for 4 seconds.



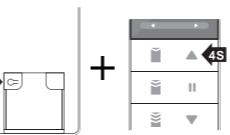
◆ Adjust the limit slightly

When the curtain is in the fully open position, if the fabric crowds together to make the shape of the fabric tilting. You can adjust the limit slightly.

★ Attention

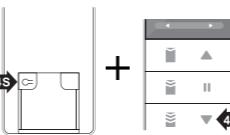
Before adjusting the limit slightly, you can change the directions, if you press[Open] key but the curtain runs to closing direction.

① opening the limit point slightly



1. Simultaneously, press(Channel setting) + (Up) 4 seconds, and enter into opening the limit point slightly status, the drive will briefly shake and the LED is on.

② closing the limit point slightly



1. Simultaneously, press(Channel setting) + (Down) 4 seconds, and enter into closing the limit point slightly status, the drive will briefly shake and the LED is on.

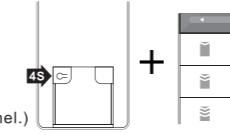
2. Press (Up) key repeatedly within 30 seconds, the curtain will adjust towards the opening direction, press (Down) key repeatedly, the curtain will adjust towards the closing direction, so make the curtain arrive at the position needed.

3. Simultaneously, press(Channel setting) of the remote 4 seconds or press the (setting) button of the drive, make the current position set opening the limit point, quit the status of opening the limit point slightly, the drive will briefly shake and the LED is off.

◆ Deleted limit & Intermediate point

Simultaneously press remote [Channel setting] & [Stop] 4 secs. After the drive has short vibration, all settings of limit & Intermediate point will be deleted.

(Remark: the remote must be in available channel.)



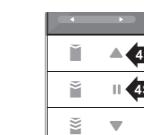
Hand-start control function

This curtain system has hand-start control function: the motor will start to work when you pull the fabric.

You can choose to use this function or cancel this function.

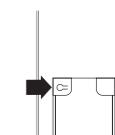
◆ Use touch control function

① Open the function



Press[Stop]and[Open] button for 4 seconds till the light on, the motor will quiver few times.

② Confirmation



Press[Channel setting] button on the back of transmitter with sharp tip in 3 seconds, then this function can be used successfully.

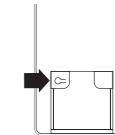
◆ Cancel touch control function

① Stop the function



Press[Stop]and[Close] button for 4 seconds till the light on, the motor will quiver few times.

② Confirmation

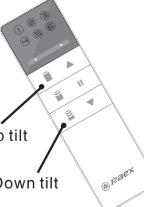


Press[Channel setting] button on the back of transmitter with a sharp tip in 3 seconds, then the function is cancelled.

Slat adjustment function (Tilting function)

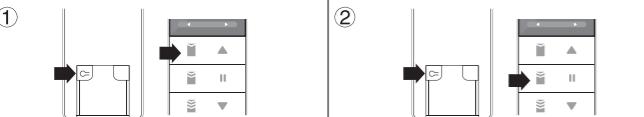
For MP46 motor, the tilting function is effective after the blinds run to the lower limit. Press [Up tilt/75%] to let slat turn up 15 degrees.

Press [Down tilt/25%] to let slat turn down 15 degrees. Long press [Open] more than 2s, and then tilting function is invalid.

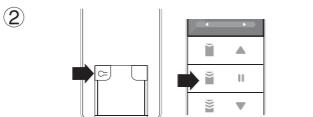




Set intermediate stop limits and 3 favorite positions



Press [Channel setting]+[Up tilt/75%], motor shakes, and then No.1 favorite position was setted successfully. Default values is 75%.

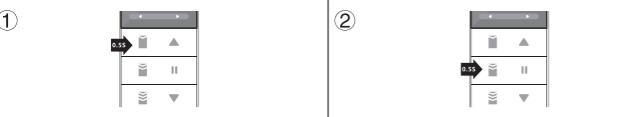


Press [Channel setting]+[Horizontal position/50%], motor shakes, and then No.3 favorite position was setted successfully. Default values is 50%.



Press [Channel setting]+[Down tilt/25%], motor shakes, and then No.2 favorite position was setted successfully. Default values is 25%.

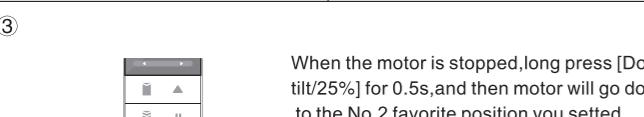
Show 3 favorite positions



When the motor is stopped, long press [Up tilt/75%] for 0.5s, and then motor will go up to the No.1 favorite position you setted. Default values is 75%.

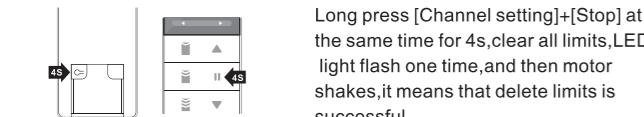


When the motor is stopped, long press [Horizontal tilt/50%] for 0.5s, and then motor will go to the No.3 favorite position you setted. Default values is 50%.



When the motor is stopped, long press [Down tilt/25%] for 0.5s, and then motor will go down to the No.2 favorite position you setted. Default values is 25%.

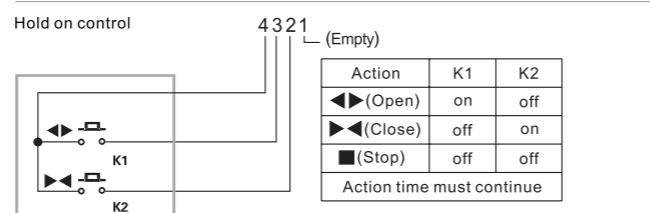
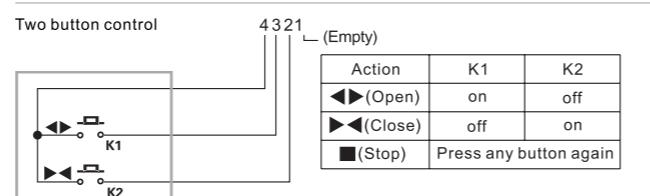
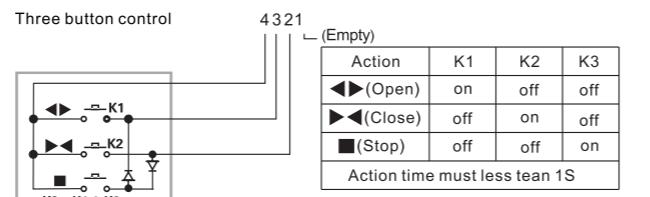
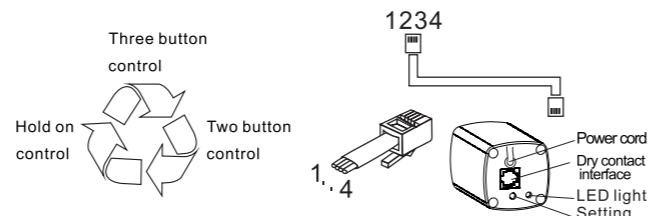
Delete limits



Long press [Channel setting]+[Stop] at the same time for 4s, clear all limits, LED light flash one time, and then motor shakes, it means that delete limits is successful.

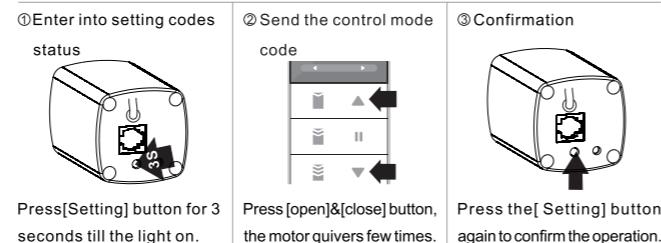
Control modes

The motor with dry contact interface which can offer three control modes, three modes switch cycle by the mode switch setting.



◆Change the control modes

It can switch cycle by the mode switch setting.



Usual malfunction

Malfunction	Possible cause	Solution
Motor no action	Power supply failure	Check the power supply
	Remote direction is opposite curtain to running direction	Change direction with transmitter
	Limit error	Cut off the power and reset limit after 15 seconds
Curtain can't close full	Phone cable failure	Check the phone cable
	Control modes match error	Execute mode and switch to appropriate mode
	Wrong channel setting	Reset the remote control channel
Switch no action	Battery insufficiency	Change the battery
	Too far control range	Do not use the transmitter beyond the control range
	Limit setting error	Reset again, the limit will be memorized
Remote control invalidation	Limit error	Cut off the power and reset limit after 15 seconds
	Too heavy fabric	Check the weight of the fabric if it's within the range of load capacity
	Fabric blocked	Check if the track of the fabric is blocked
Motor stops midway	Abnormal system	Cut off the power for one minute to restore the motor
	Other malfunctions	Please contact your dealer

Warranty

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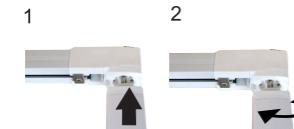
Main features

- ◆ Quiet, DC motor.
- ◆ Touch control technology, gently pulling the curtain to open or close.
- ◆ Special mechanical clutch design with patent, manual operation in case of power failure.
- ◆ Full automatic setting of the limits.
- ◆ Touch control function can be switched on and off.
- ◆ Slow start and slow stop function.
- ◆ Built-in radio receiver with network control.
- ◆ Easy to install, easy to operate.
- ◆ Compact aluminum track with electronicphoresis is available for straight and curve curtains.
- ◆ Textile teeth belt is durable, can stand heavy curtains and frequent operations.
- ◆ With dry contact interface, providing point of action, or even the movement pattern of remote control switch, facilitate the achievement of a variety of control modes.

Motor installation and disassembly

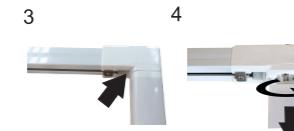
◆ Motor installation

- 1.Put the motor shaft into the drive unit
- 2.Turn the motor at 90 degree and make it parallel with the track



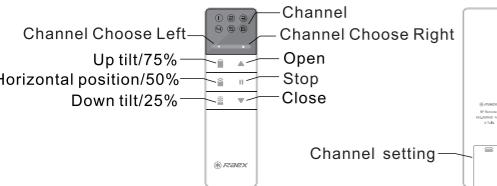
◆ Motor dismantling

- 1.Press and hold the clipping lock and push it up
- 2.Turn the motor at 90 degree and take out the motor



Remote control settings

YR2118B transmitter



Basic remote control setting

Before using the remote control function, the user must perform "Set remote channel" operation, in order to store the remote control channel into the controller.

If you need to make remote control channel invalid, you can perform the "Delete remote channel" operation.

When the rotating direction of motor is not same as the desired direction, you can do "Change the direction" operation for correcting it only by working with the transmitter.

★ Attentions

- 1.Each motor can record max. 16 channels, as soon as the motor receives remote control signal, it will act in response as setting.
- 2.If two motors have to work together, please set the same channel for two motors. This operation won't affect the individual control function of each motor.
- 3.Each motor can be adapted to various remote controls. YR2118B have many functions which have intermediate stop fuctions. So when on-site installation and debugging, it's recommended to use this kind of remote control.

◆ Setting remote control channels

① Enter into setting codes status



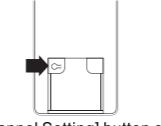
Press[Setting] button for 3 seconds till the light on.

② Choose channels



Press[Channel Choose Left] (or [Channel Choose Right]) button to choose the needed channel.

③ Send the current channel code



Press[Channel Setting] button on the back of transmitter till the indicator light of the motor sparkles.

④ Confirmation



Press[Setting] button again to confirm the operation. The remote channel is set.

◆ Delete remote control channels

① Enter into setting codes status



Press[Setting] button 3 seconds to indicate till the indicator light on.

② Delete remote control channels



Press[Setting] button again for 7 seconds till the light off. Channel deleting is completed.

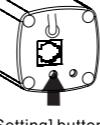
◆ Change direction setting

① Enter into setting codes status



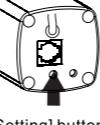
Press [Setting] button for 3 seconds till the light on.

② Send the current change direction code



Press[Channel Choose Left] and [Stop] button simultaneously.

③ Confirmation



Press[Setting] button again to confirm the operation. The remote channel is set.

★ Attentions

- 1.The setting limit and intermediate point will automatically be deleted when the user operates the change direction.
- 2.If the curtain cannot fully close when the motor is set to close. The curtain open / close direction is opposed, please change direction with remote setting as above.

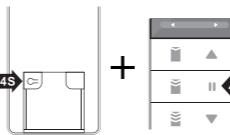
Operation setting

The motor will run slowly at the first time to record the length of the track system. Then when the motor works at the second time it will come to normal speed.

If the motor has been used in other tracks before, the curtain may not stop as expected in another track, because the motor recorded the previous limit information. In this case, you have to use initial operation.

◆ Initial operation setting

Press the[Channel Setting] on the back of transmitter &[Stop] button for 4 seconds.



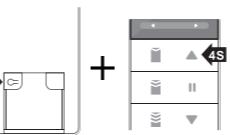
◆ Adjust the limit slightly

When the curtain is in the fully open position, if the fabric crowds together to make the shape of the fabric tilting. You can adjust the limit slightly.

★ Attention

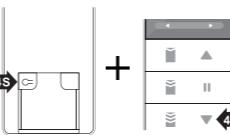
Before adjusting the limit slightly, you can change the directions, if you press[Open] key but the curtain runs to closing direction.

① opening the limit point slightly



1.Simultaneously, press(Channel setting) +(Up) 4 seconds, and come into opening the limit point slightly status, the drive will briefly shake and the LED is on.

② closing the limit point slightly



1.Simultaneously, press(Channel setting) +(Down) 4 seconds, and come into closing the limit point slightly status, the drive will briefly shake and the LED is on.

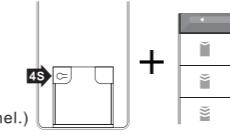
2.press (up) key repeatedly within 30 seconds, the curtain will adjust towards the opening direction, press (down) key repeatedly, the curtain will adjust towards the closing direction, so make the curtain arrives the position needed.

3. Simultaneously, press(Channel setting) of the remote 4 seconds or press the (setting) button of the drive, make the current position set opening the limit point, quit the status of opening the limit point slightly, the drive will briefly shake and the LED is off.

◆ Deleted limit & Intermediate point

Simultaneously press remote [Channel setting] & [Stop] 4 secs. After the drive has short vibration, all settings of limit & Intermediate point will be deleted.

(Remark: the remote must be in available channel.)



Hand-start control function

This curtain system has hand-start control function: the motor will start to work when you pull the fabric.

You can choose to use this function or cancel this function.

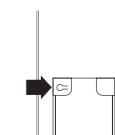
◆ Use touch control function

① Open the function



Press[Stop]and[Open] button for 4 seconds till the light on, the motor will quiver few times.

② Confirmation



Press[Channel setting] button on the back of transmitter with sharp tip in 3 seconds, then this function can be used successfully.

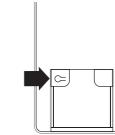
◆ Cancel touch control function

① Stop the function



Press[Stop]and[Close] button for 4 seconds till the light on, the motor will quiver few times.

② Confirmation



Press[Channel setting] button on the back of transmitter with a sharp tip in 3 seconds, then the function is cancelled.

Slat adjustment function (Tilting function)

For MP46 motor, the tilting function is effective after the blinds run to the lower limit. Press [Up tilt/75%] to let slat turn up 15 degrees.

Press [Down tilt/25%] to let slat turn down 15 degrees. Long press [Open] more than 2s, and then tilting function is invalid.

