

LK-MR551 8 Channel Actuator Controller



Feature

- External switching power supply 24VDC input, output 8 channel 24VDC/2A
- Control 8 actuators separately by external manual switch LK-MS541 to Open/Stop/Close 8 windows at the same time
- Paired with LinkAYL wall remote or hand held remote to control each channel separately or at the same time
- Can be controlled by external sensor, such as rain or smoke sensor
- Motor protection, cutting power off automatically in 5 minutes

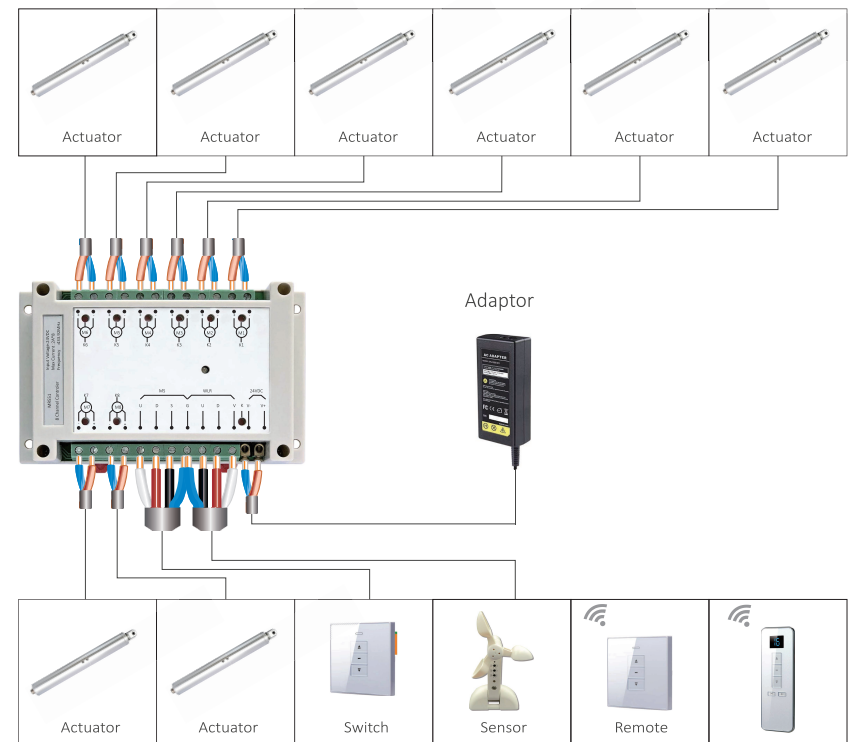
Ordering code

Model	Vin	Vout	Iout	Frequency	Sensitivity	Dimension
LK-MR551	24VDC	24VDC	8*2A	433.92MHz	-100dBm	145*90*40mm

Button & terminal

Sym.	Description	Sym.	Description	Sym.	Description
24VDC	24VDC input	MS	Manual switch	WLR	WLR sensor
V+	24VDC+	U	Up	G	GND
V-	24VDC-	D	Down	U	Up
Mx	Motor x	S	Stop	D	Down
+	24VDC+	G	GND	V	12VDC+
-	24VDC-	K	Set all motors	Kx	Set Mx

Solution



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■ Operation description

- Setting method of single channel is as same as multi channel
- Before setting multi channel transmitter, please choose the right channel which you want to program
- Maximum running time of motor is 5 minutes
- Key K for setting all 8 channels
- Key Kx only for setting single channel
- The maximum output current of each channel is 2A

■ Matching code

- Power the controller on
- Keep pressing key K on the controller for 3 seconds
- Press UP on the remote within 15 seconds
- LED flashes 3 times and turns off
- Codes are matched successfully

■ Clearing single code

- Power the controller on
- Keep pressing key k on the controller for 3 seconds
- Press DOWN on the remote within 15 seconds
- LED flashes 3 times and turns off
- Code is cleared successfully

■ Clearing all code

- Power the controller on
- Keep pressing key K on the controller for 6 seconds
- LED flashes 3 times and turns off
- All the codes matching the channel will be deleted after this operation

■ Changing direction

- Power the controller on
- Keep pressing key K on the controller for 3 seconds
- Press STOP on the Transmitter
- LED flashes 3 times and turns off
- Directions changed successfully

■ Installation note

- Please observe the following provisions in accord with standard of effective power
- Do not use metal objects to touch or shade the receiver, avoid the interference of receiving signals
- Transmit distance: 50 meters without obstacle, 30 meters through wall
- The installation distance between the receiver and ground, between the receiver and the ceiling is more than 1.5 m, between two receivers is more than 0.2 m
- The main power supply must be cut off before installing wiring
- In order to prevent electrostatic interference, must ensure that the receiver is effectively grounded
- After the installation, ensure that the receiver and cable are not affected by tension

■ Troubleshooting

No.	Symptom	Solution
1	LED flashes, receiver shut down	1. Check the connection of wires 2. Check the receiver setting
2	LED on the transmitter is off or weak	1. Make sure the right installation of the battery 2. Change the battery
3	The transmitter and the receiver work well, the motor does not work	1. Check the wiring of motor 2. Make sure the motor no failure