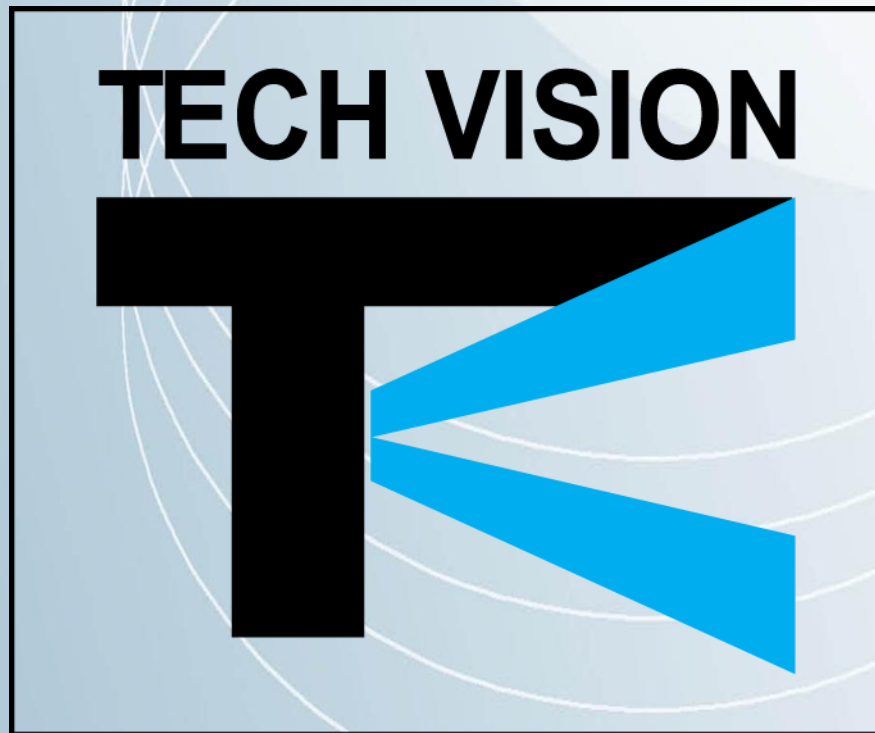


# Motorized Lift MM110-200



User Guide



# User's Manual For Motorized Lift MM110 and MM200



## A. Technical index

Voltage:  $V=220V$  Frequency:  $M\ Hz=50$  Power:  $W=20w$

Thickness: 18cm

Max Running Distance: 1m For Motorized Lift MM110 2m For Motorized Lift MM200

Weight: 20KG

Loading capacity: 10KG

Outer dimension: **MM110:** 37 x 35 x 18cm // **MM200:** 37 x 35 x 25cm

Dimension Of the décor slab: 42 x 42cm

## B.Features

1. You can save much time and energy in testing by remote control. It is very easy and convenient to make remote control other than cable control.
2. The ultra thin body whose thickness is only 5 CM can suit the narrow space of the ceiling. Generally speaking, the lift can be fixed when the space between the cement ceiling and decor ceiling is 20 cm only at case your projector should be 12cm.
3. Max running distance :1m 、 very silent and steady when running

## C. Installations

- 1、 Cut the holing area (39Cm X 39Cm) in the ceiling in accordance with the position of projector lift that is based on the size of the projector screen.
- 2、 Fasten the fixing slab of the lift to the wall that connects the cut ceiling with four explosive screws(M8 X 12).
- 3、 Insert the hanging bracket into the fixing slab and fasten it with four explosive screws(M6 X 12).
- 4、 Connect a 4-pin power cord to the control room along the wall and power on the lift, and insert the corresponding plug into the remote control receiver. The control cable can be extended if it is not long enough. Pay more attention to the difference between the colors of extended and original cable so as to make sure of correct connections with the power, otherwise, the control circuitry will be damaged.
5. Reel the power cord of projector 、 PC & video cord along the zigzag plate on the scissor mechanism when fixing the projector before test.

## D.Explanations

Decide the best raising positioning place for the lift through the raising limiting switch after installations.

**Remarks:** In case defective failure occurs in one year, appropriate operations will render the warranty void.

## ⓘCaution

- I、 Keep installations secured and balanced while leveling the base of the body. The cross area of the copper cord must be larger than  $1.5\text{mm}^2$ . The color of grounded cord whose cross area must be larger than  $1.5\text{mm}^2$  should be different from that of power cord. The grounded cord whose resistance is less than  $4\Omega$  must be well grounded. Avoid excessive lowering and raising operations when testing and operating the lift, the interval between the shift from lowering to raising( or vise versa) must be three seconds, and the turning direction of the motor can be changed after the motor stops completely. The AUTO EXCESSIVE HEATNESS PROTECTION FUNCTION of the motor will work until the lift gets cooler and run again by canceling "POWER OFF".

- II、 Avoid dampness 、 high temperature and proximity to hot pipes when installing. The installation temperature must be between  $-10^{\circ}\text{C}$  and  $+40^{\circ}\text{C}$  while the relative humidity must be less than 95%, also, corrosive gases and dusts must be kept off besides prohibiting from pressing down other electrified wires when installing.
- III、 Power: AC 220  $\pm 10\%$  50Hz
- IV、 Push the button to power on the system. Check if the fuse on the power is circuited or broken in case lowering and raising operations fail. Run the system again by changing a new fuse if it is broken. In case the same failure occurs again, check if the circuitry is short circuited. Don't use bigger fuse at will. Unknown faults not cleaned out , return the product to us for maintenance. Unauthorized service or changes by anyone other than our authorized personnel renders the warranty void. The customer must be responsible for all the possible results that may arise.

## 🔍 Troubleshooting

Please call us for permission of customers' self-service on Motorized Lift MM110 if newly installed or used motorized lift breaks down. Otherwise, unauthorized service will render the warranty void. Check the grounded protection to make sure of security in avoidance of electric shock accident.

### A、 The lift cannot work at all.

- 1、 Check it to make sure that the power upper inlet and terminal is power on and the voltage is in normal condition. If power fails, check the power supply circuitry.
- 2、 If the power inlet and terminal work normally, check to make sure that the connections of button 、 motor and switch are not loosened and the fuse available is on the power.

### B 、 The turner cannot move, but weak shaking noises can be heard.

Check the capacitors to see whether it is broken down and short circuited or not and its connection is loosened and broken or not. If failure occurs, shut off the power at once to avoid burning the motor because of excessive heatness . Check the capacitors again to avoid breakdown and short circuit.

### C 、 The raising or lowering bracket cannot move, but bigger noises can be heard.

- 1 Check if the transmission chain is loosened or broken.
- 2 Check if the chain wheel works well in the lead trail.
- 3 Check if the fixing screw between the chain wheel and shaft is loosened so as to avoid the failure in turning of the chain wheel along the shaft as well as the running of four trails.

### D 、 The door cannot open automatically when the lift lowering

- 1 Check if the steel wire of the door is jammed in the puncture.
- 2 Check if the steel wire is jammed inside the cabinet.

### E 、 The door cannot lock up upward when the lift raises.

Check if the steel wire of the door is broken , change a new one that is as thick as the old one.