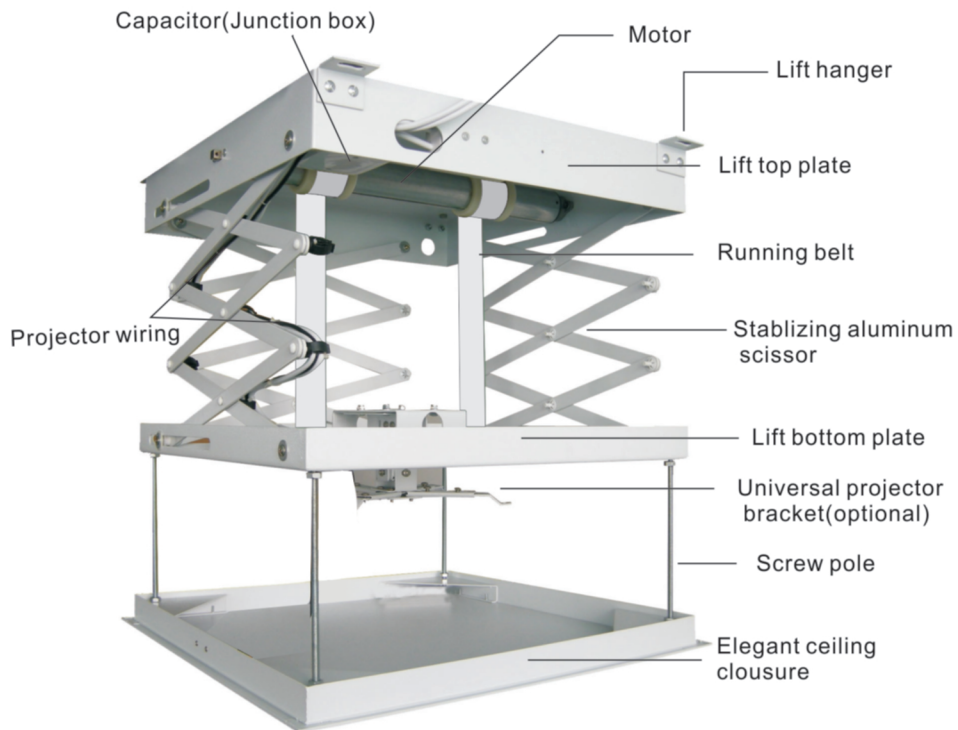
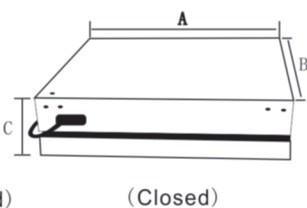
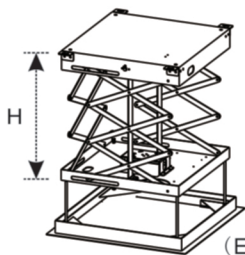


MOTORIZED PROJECTOR LIFT

INSTALLATION/OPERATION INSTRUCTION



Related data:



Lift Max loading capability	50KG/110lb
Running speed	45mm/Sec
Rated operation time	4 min
Power/Current	220V 191W /0.83A

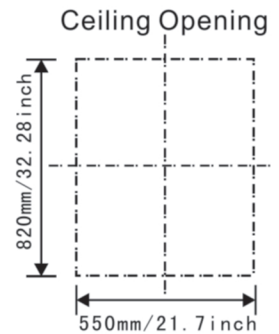
Model	Specification	Loading capability (kg/lb)	Lift Height (Fully extended)	Lift Height (Closed)	Travelling Distance (mm/inch)	Net Weight (kg/lb)	Packing Dimension (mm)
	AxBxC (mm/inch)		H (mm/inch)	H (mm/inch)			
S180	700x508x220/27.6"x20"x8.7"	50/110	1800/70.87"	220/8.7"	1580/62.2"	25/55	780x640x380
S240	700x508x240/27.6"x20"x9.4"	50/110	2400/94.5"	240/9.4"	2160/85"	26/57.3	780x640x380
S300	700x508x280/27.6"x20"x11"	50/110	3000/118.1"	280/11"	2720/107.1"	29.5/65	780x640x380
S360	700x508x320/27.6"x20"x12.6"	50/110	3600/126"	320/12.6"	3280/129.1"	30/66.1	780x640x410

Before Installation:

1. Open the carton and take out the lift .Check the lift and accessories to see if they are in well condition.
2. Hold the lift and connect to proper power. Run it up and down by the equipped IR or RF remote control to see if it works normally.
3. .Measure carefully and make sure there will be enough ceiling opening space. Suggested space is :
L*W*H: 820mmx550mmxH(H=240mm+ceiling mount height+Projector height).
4. A power socket will be needed in the ceiling opening
5. Choose proper wire for the projector and start wire routing.

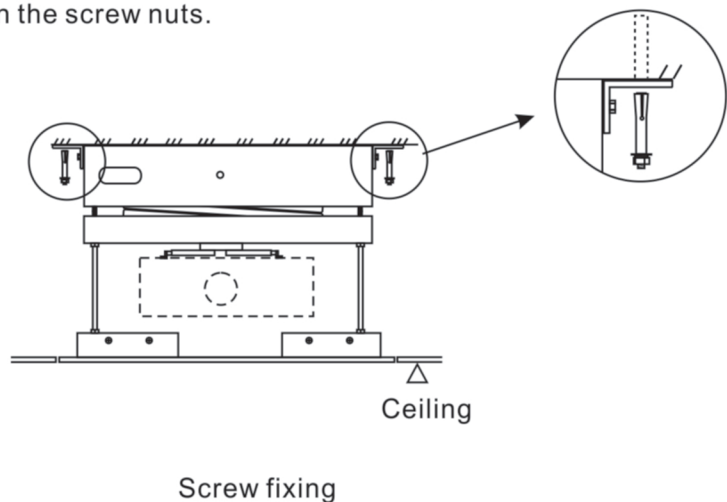
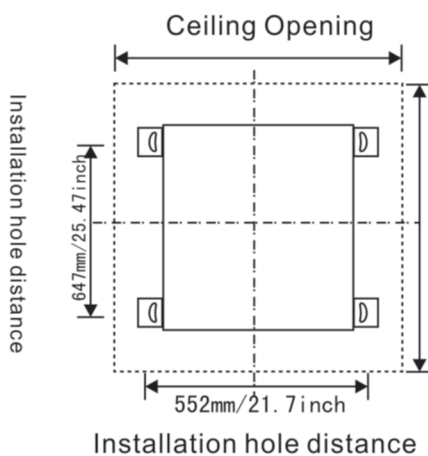
Caution:

1. Must hang (suspend) the LIFT before power on.
*LIFT must be able to drop down by gravity.
Running without suspension WILL damage the parts inside, and might hurt installer
2. The installation must be done by two or more professional technicians.
3. Make sure the ceiling is strong. Lift must be installed on a reinforced level ceiling which can support at least three times of the combined weight of lift and the projector.



Lift Installation:

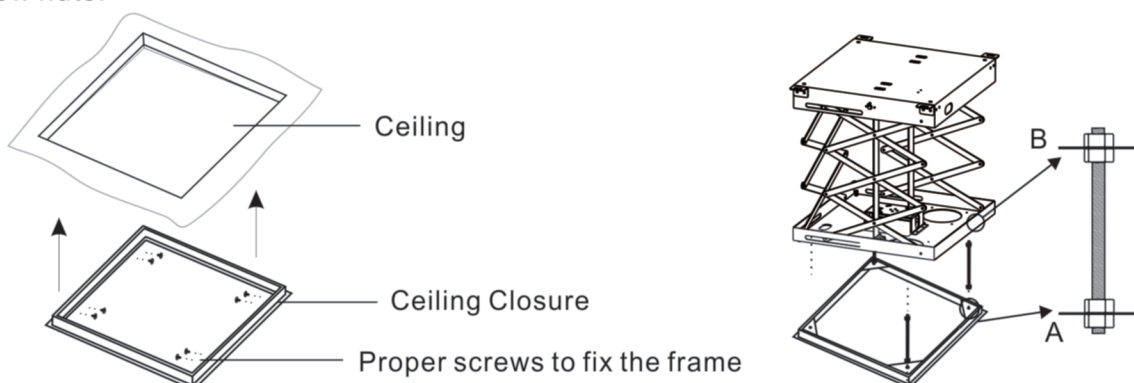
Refer to the drawings below, drill 4 holes at proper position . Install the equipped M8 expansion screws to the holes, hang on the lift and then tighten the screw nuts.



Ceiling closure installation

1. According to the ceiling material to choose proper screw, fix the closure frame on the ceiling opening.
2. Connect power, extend the lift by wire switch.
3. Insert the four screw poles into the related installation holes in the triangle installation plate(A) on the ceiling frame and the according holes on the lift bottom plate(B).

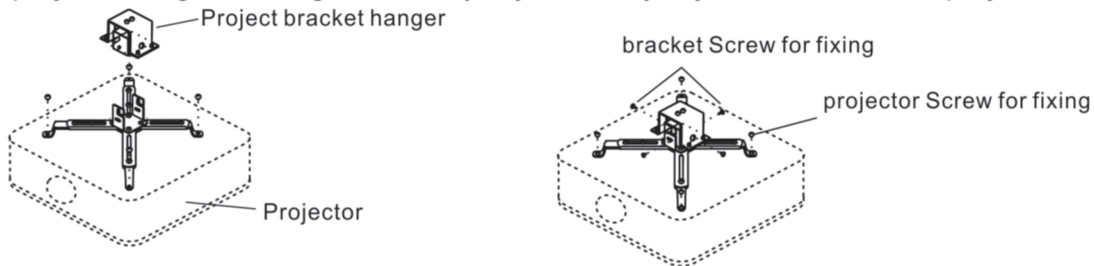
Tips: The height between the ceiling and the ceiling closure is adjustable by adjusting the position of the screw nuts.



Projector Installation:

1. Choose proper projector bracket. Install the projector with the bracket, tighten the screws.
2. Hook the projector bracket on the bracket hook (Refer to the drawings below).
3. Wiring connection: Bind all the wires in "Z" shape along the scissors, fix the wires on the plastic loops and connect them with related projector connectors.

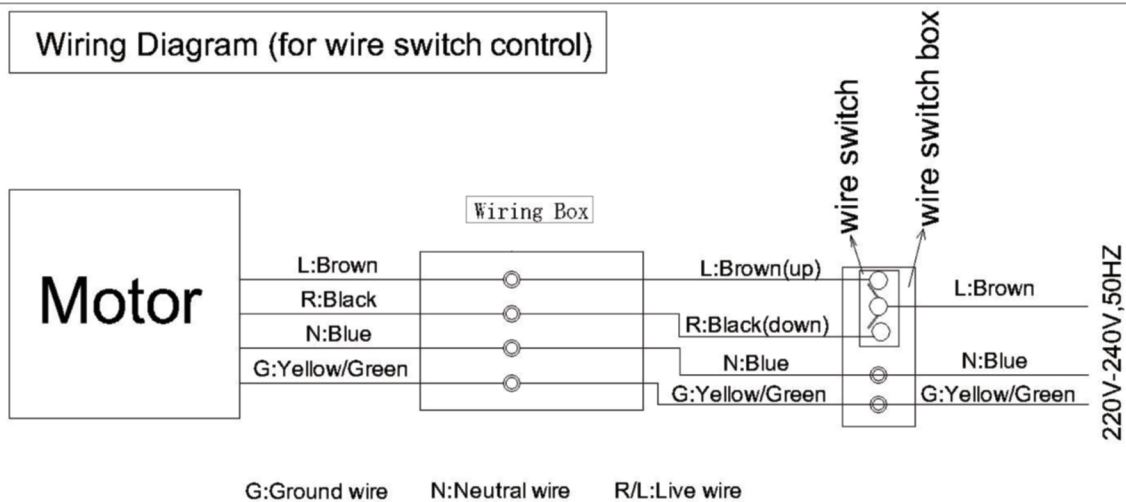
Tips: The projector height and angle is usually adjustable by adjust the nuts on the projector brackets.



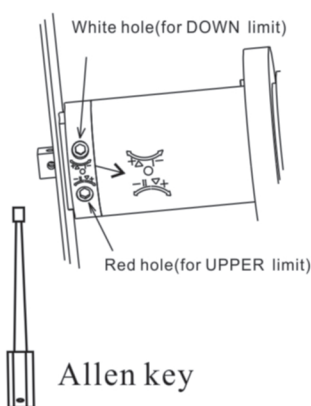
Electric Connection:

1. Screen operates on AC220V-240V,50Hz, 1 ph. current.
2. Junction box is a white box located under the lift top plate.
3. All wiring should comply with local and national electrical codes and should be done by a licensed electrician.
4. All operating switches should be "off" before power connection.

Wiring Diagram (for wire switch control)



Limit switch Adjustment:



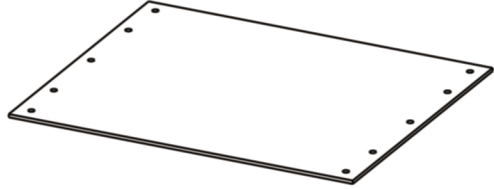
The automatic stop positions (the positions where the lift stops when extending and where it stops when retracting) can be adjusted as required. **These are preset and for most situations, the switches should not need adjustment.**

To adjust the switches, use the equipped Allen key. The adjustment sockets are located at the left side under the lift top plate (viewing from the front);

The Red hole is for adjusting UPPER limit. Clockwise movement will increase upper limit and anticlockwise movement is for reducing upper limit. The White hole is for adjusting DOWN limit. Clockwise movement will increase lower limit and anticlockwise movement is for reducing lower limit.

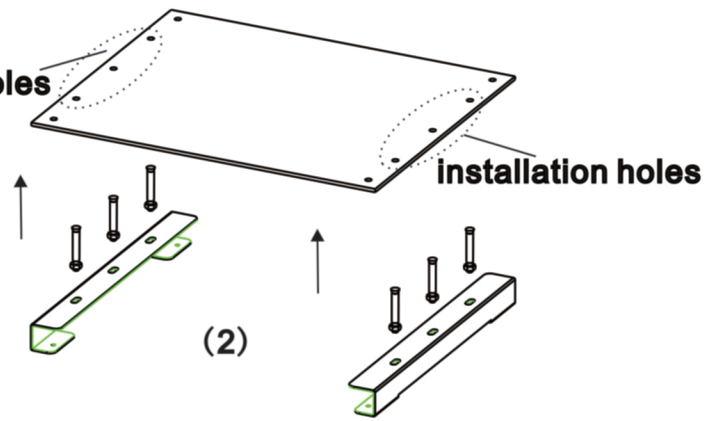
Caution:

Rated motor continuous operation time is 4minutes. Excessive operation may cause the motor to overheating and will stop running due to a protective function. When this occurs, please stop for 15 minutes to wait the motor to cool down and then start operation again.



(1)

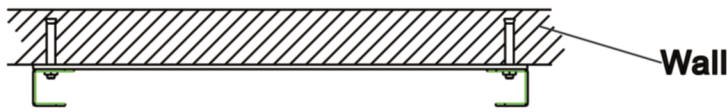
installation holes



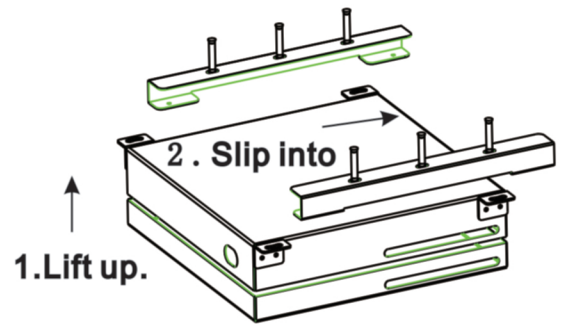
(2)

1. According to the installation direction of projector, fix the installation position of projector lift, put the paperboard (Figure 1) on sticking the ceiling and locating point, drill six holes in middle paperboard and tear the paperboard off.

2. Use 6 pcs of M8 accessories screws (Figure 2) to install the 6 installation holes, and fix the split-type installation bracket in the ceiling (Figure 3).

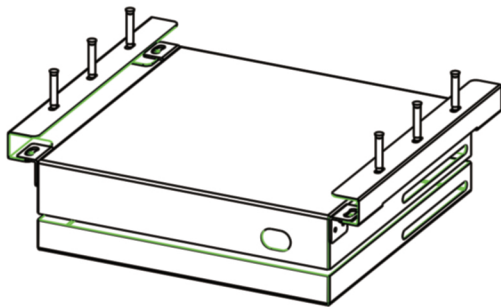


(3)

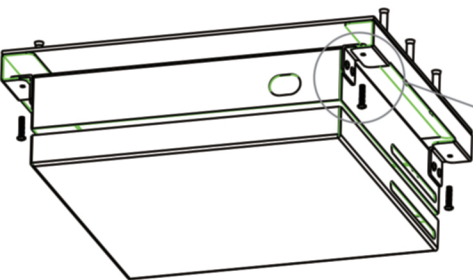


(4)

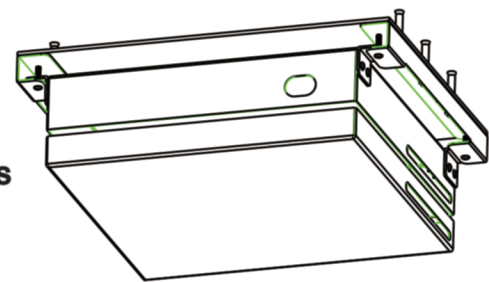
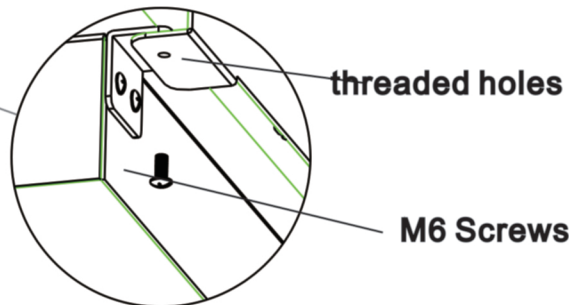
3. Lift the projector up (Figure 4), slip into the installation bracket (Figure 5)



(5)



(6)



(7)

4. There are 2 pcs of M6 threaded holes in two sides of split-type bracket, use 4 pcs of M6 accessories screws to fix the projector lift and prevent from falling off (Figure 7).