

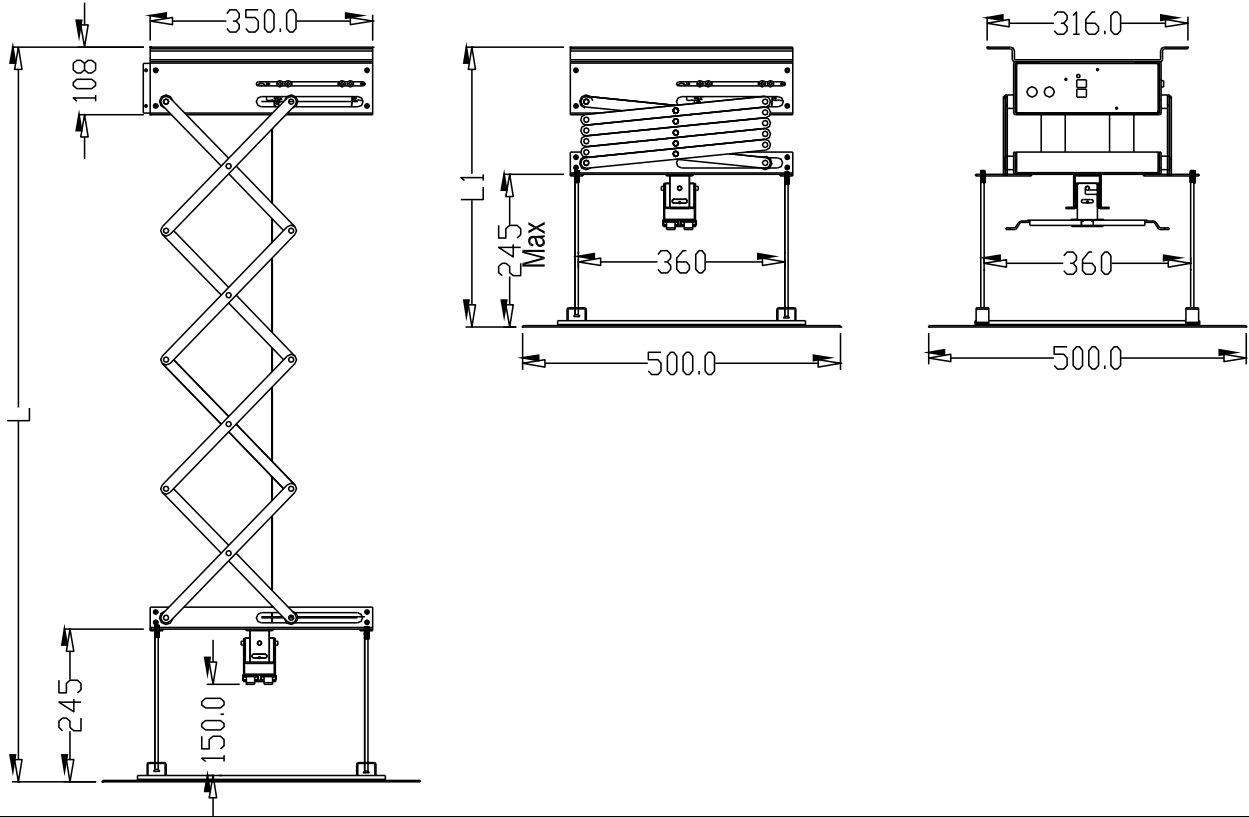
User's Manual for Motorised Projector Lift



Product Description:

Motorised projector lift(Below simply “lift” for short) adopt double scissor type structure and the theory of double straps lifting. Featured with elegant appearance design, safety and dependable function, accurate positioning, low noise, easy-installation, etc. Applicable widely to projection,lighting&audio projects.

1. Product model/Specification/Size Unit: mm



Specifications	SX080	SX100	SX150	SX200
Size of lift Fold up (mm)	350x316x420 (L1)	350X316X440 (L1)	350X316X480 (L1)	350X316X530 (L1)
Size of lift Extended (mm)	350x316x1290 (L)	350X316X1525 (L)	350X316X1995 (L)	350X316X2700 (L)
Minimum dist for ceiling and false ceiling(mm)	440mm	460mm	500mm	550mm
Bottom Plate size(mm)	500x500	500x500	500x500	500x500
Loading Capacity	15Kg (Max)	15Kg (Max)	15Kg (Max)	15Kg (Max)
Rated voltage	100-120V/220-240V	100-120V/220-240V	100-120V/220-240V	100-120V/220-240V
Max Power consumption	50W	50W	50W	50W
Tilt angle	±22.5°	±22.5°	±22.5°	±22.5°
Roll angle	±15°	±15°	±15°	±15°
Motor	SYNCHRONOUS MOTOR	SYNCHRONOUS MOTOR	SYNCHRONOUS MOTOR	SYNCHRONOUS MOTOR
Control Methods	RF/Central Control/12V Trigger/panel	RF/Central Control/12V Trigger/panel	RF/Central Control/12V Trigger/panel	RF/Central Control/12V Trigger/panel
Limit Adjustment	By Limit Switch	By Limit Switch	By Limit Switch	By Limit Switch
Color	White	White	White	White
Packing Dimension(mm)	530x530x260	530x530x260	530x530x300	530x530x350
Net Weight (Kgs)	18	18.5	19.5	21
Gross Weight (Kgs)	19.5	20	21	22.5



Installation Enviroment Required:

- 1.The lift shall work indoor where there is no any corrosive or combustibile substance; and should not approach the steam pipe, hot air pipe, or other central heating equipment.
- 2.Voltage: 100-120V or 220-240V, Power: 50W



Installation:

1. The distance between ceiling and false ceiling must bigger than the height of fold up size(L1) of the lift..
2. Suggest open dimension on false ceiling for the lift is :450mmX450mm
3. Suggest open a 400mmX400mm maintenance window on the false ceiling, 100mm~200mm away from the back side of the lift.
4. Drill four holes correctly on the ceiling for the installation plate,considering the direction of the installed projector, then mount the installation plate of the lift on the ceiling firmly with four $\varnothing 8$ mm explosion screws through the four $\varnothing 10$ mm screw holes.
- 5, The explosion screws must installed in concrete or masonry or more strong ceiling. The explosion screws must drill deeply into the ceiling to keep adequate bearing capability.



Notice:

1. The explosion screws must fixed on the ceiling firmly.
2. While the lift working, people must not stand below the lift, or locate anything at the level where it can reach.
3. Make sure the gravity of the projector in the center of the lift, or the center of the gravity will shift or loss balance; And the lift can't work overloaded.
4. Please do not put your hands or anything to the cross-scissor parts while the lift working to avoid injury.;






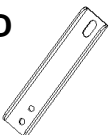

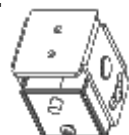
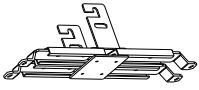
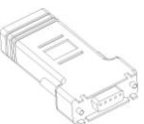


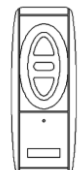
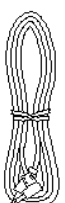
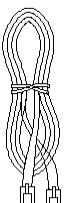



Trouble shootings:

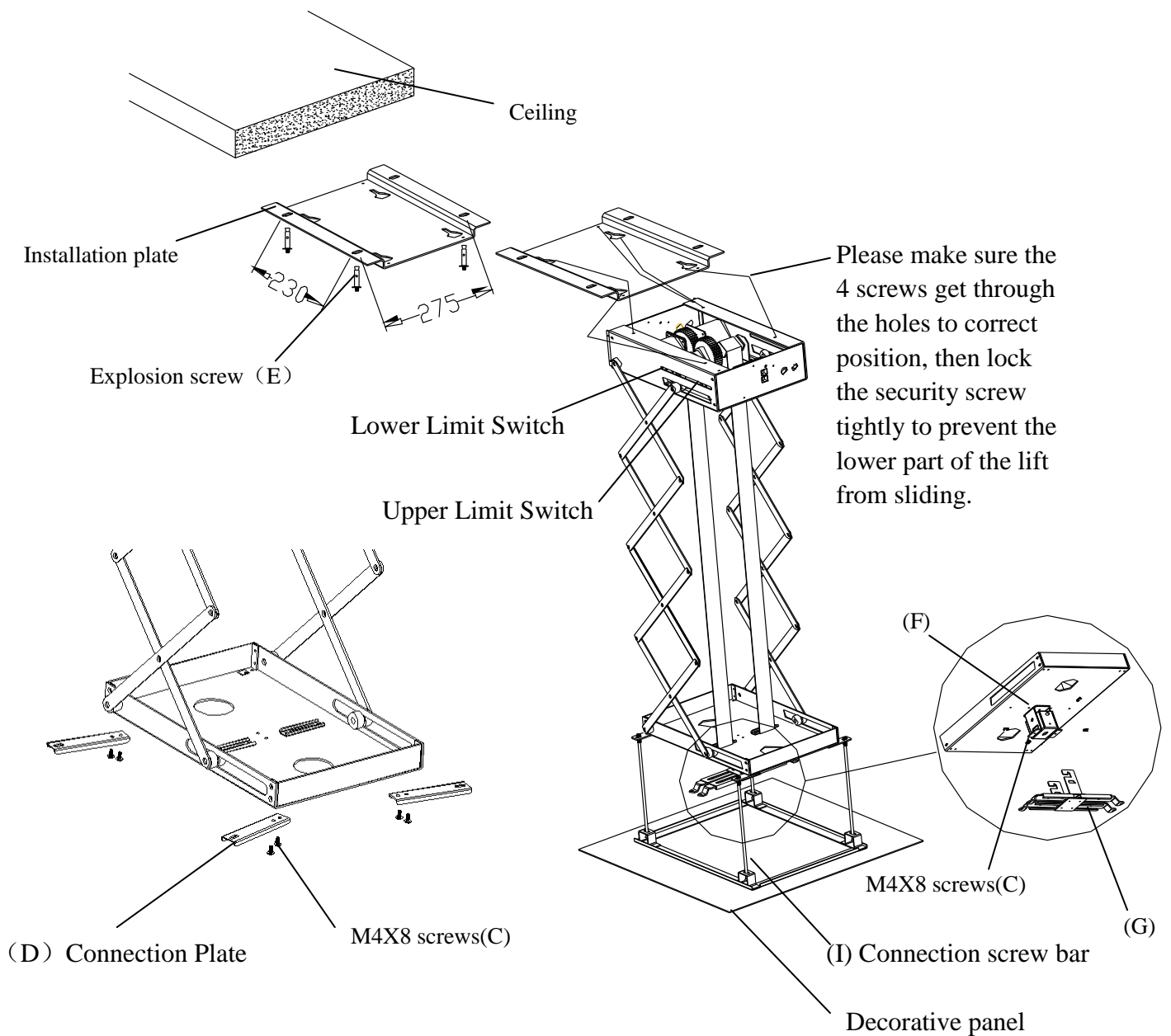
Please let technicians check below items, if still can't solve the problems, please contact the resellers.

1. Please check if the connection of the power cord is correct.
2. Please check if the strip is entangled or loose.
3. Please check if the E-Stop button is pressed down.
4. Please check if the limit switch is loose or shift .



Accessories:

A  S=3m (X1)	B  X2	C  M4X8 (X12)	D  Connection Plate X4	E  M8X60 (X4)	F  Universal Joint X1	G  Mount X1	H  RS232 Repeater X1 pc
I  Cable tie X4	J  Screw rod L=240mm X4	K  RF Transmitter X1	L  12V Trigger cable clw 3.5mm Jack plug X1	M  Central control Cable clw RJ45 Plug X1	N  Power cable X1	O  Control Panel X1	P  S=4mm (X1)

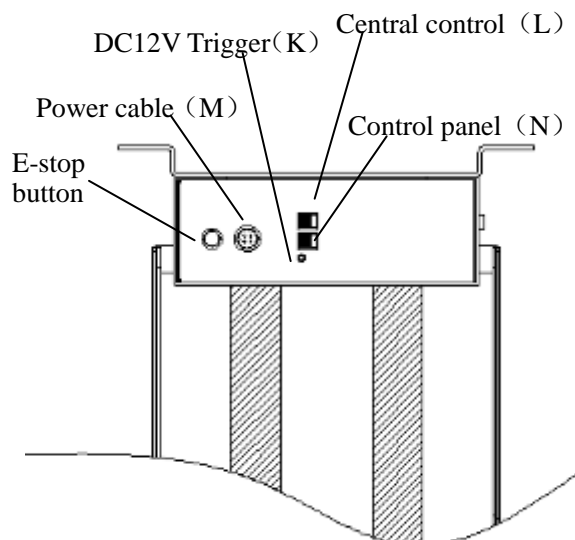
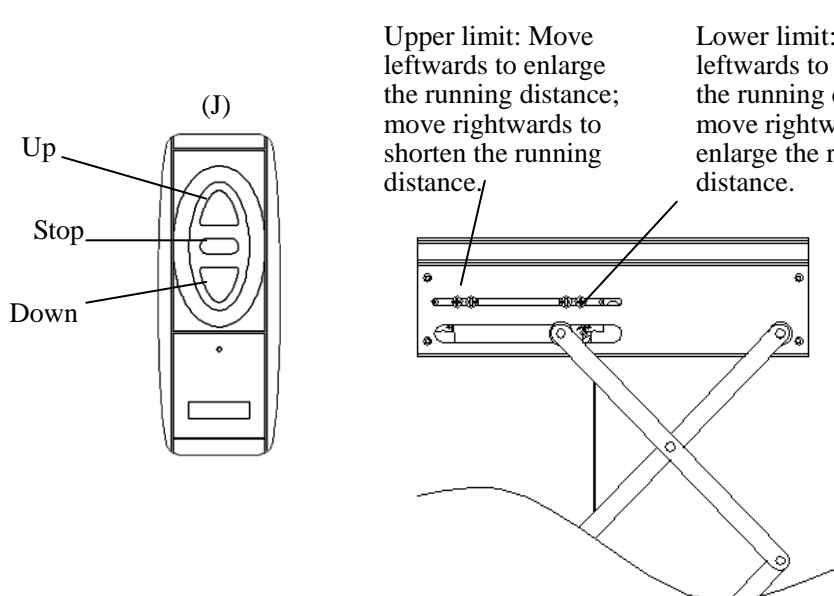


Manual for product.

1.The manual for remote

2.The adjustment of upper and lower limit

3. Input and out put function





Central Control Encode Table.

No.	Name	Encoding
1	Serial port setup	2400,n,8,1
2	Up	0xFF 0xAA 0xEE 0xEE 0xDD
3	Stop	0xFF 0xAA 0xEE 0xEE 0xCC
4	Down	0xFF 0xAA 0xEE 0xEE 0xEE

Serial port setup



Open COM Tools, Click "Serial port setup"
"ComA_Port", choose relevant Com Port
ComA-Setting, Input "2400, n, 8, 1", click "OK"

UP



Input "0xFF 0xAA 0xEE 0xEE 0xDD" on send textbox,
then click "Send [PortA]"

Stop



Input "0xFF 0xAA 0xEE 0xEE 0xCC" on
send textbox, then click "Send [PortA]"

Down



Input "0xFF 0xAA 0xEE 0xEE 0xEE" on send textbox,
then click "Send [PortA]"