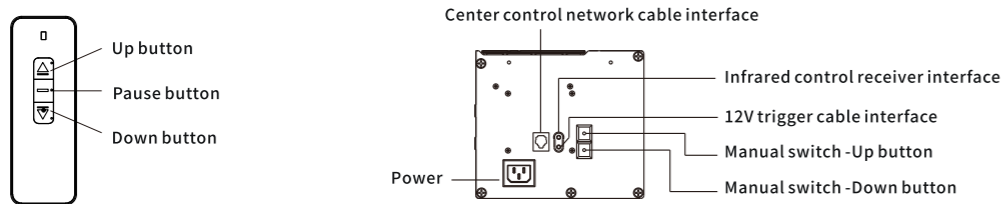[Note] Before installing and using the projection screen, read all the operating instructions in this guide and keep these materials for future reference

Dear customers, thank you for buying EDL serie motorized floor rising projector screen , Please read the user manual carefully before use and keep it for future reference.

Overview

- 1. The shell is black rectangular, made of advanced aluminum alloy material, and the surface treatment technology is piano baking paint, strong and beautiful.
- 2The X-shaped supporting rod assembly behind is composed of supporting rod + steel wire cable + super tension spring. The structure is stable and the tension is strong, which can keep the screen surface smooth.
- 3.The tube used to roll up the screen is made of high-strength tubular aluminum alloy, which has high strength, no rust, good durability and is not easy to deformation.
- 4.The power supply and control panel are arranged on the left side of the shell. The power supply voltage and plug can be customized according to the usage standards of different countries.
- 5.A variety of control methods optional: manual control button (on the left end cover of the shell); RF remote control; infrared remote control; 12V trigger line control; Wireless trigger control; 485/232 Central control; Dry contact control and soon.
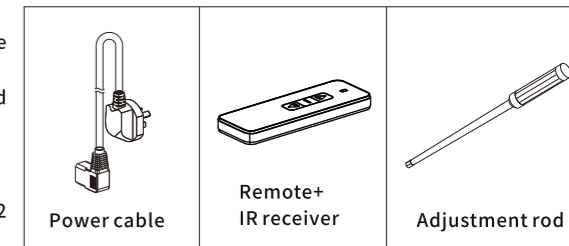
Operate Methods

Up button
Pause button
Down button

Center control network cable interface
Infrared control receiver interface
12V trigger cable interface
Manual switch -Up button
Manual switch -Down button
Power

1)After receiving the screen, remove them from carton and place them in appropriate positions. Please read the manual carefully before using. Plug in the power cable and power on the screen.

2)Warning: After pressing the down button of the remote control,(when the screen is closing)do not touch the case of the screen to prevent pinching fingers.

3)The plastic adjusting rod come with the screen, not recommend to use it. The height of the screen has been set before leaving the factory and cannot be adjusted at will. f you have to adjust the height of the screen, please consult the customer service staff first.

Screen Maintenance

In order to protect the screen, we need to pay attention to the following maintenance matters:

1. Do not touch the surface of the screen with hands or other objects to avoid surface damage.

2.Please do not wipe the surface of the screen with water or other detergent to avoid scratching or damage to the coating.

3. Please watch your children and pets. Do not draw or scratch the screen surface.

4. You can use a feather duster to gently clean the surface of the screen.

5.Avoid placing the screen on side for along time. Need to power up the screen 1-2 times a month to keep the motor running properly if you don't use it often.

Accessories

Power cable
Remote+
IR receiver
Adjustment rod

Trouble Shooting

1. When operating the remote control or manual switch, the screen has no reaction, please confirm whether it has been connected to the power supply.

2.When you turn on the screen and find that it cannot rise smoothly, please press the "Pause" button, and then pull Up the X-shaped support rod behind the screen manually, and then press the "UP" button to continue to open the screen, to solve the problem.

3,When the screen is not fully opened (the screen is not stretched flat), it is strictly prohibited to press "Down button " to close the screen, which will lead to wrinkles on the screen surface, and even damage the screen.

4.The continuous operation time of the screen should not exceed 5min, otherwise the motor will be over heated and damaged. lf the screen s constantly opened and closed, and the operation time exceeds 5 minutes and triggers the overheat protection of the motor, the screen will stop and can only be used normally after 30minutes.
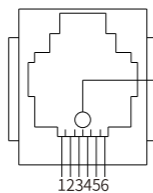
Screen Control Methods

1. External DC/AC 12V power control method:

A. DC/AC 12V trigger signal goes from off to on, the screen turn on and runs upward;

B. DC/AC 12V trigger signal from on to off, the screen turn off and downward operation;

C. Input voltage range: DC/AC 5V-12V.

2. Dry contact control:

Connect the port to the 6P network cable. Function control:

A. Connect line 3+ line 6, pulse signal triggers the screen continues to go up.

B. Connect line 4+ line 6, pulse signal triggers the screen stops running.

C. Connect line 5+ line 6, pulse signal triggers the screen continues to go down.

6P network cable ports: From left to right:

1. RS485-B
2. RS485-A
3. Manually control "turn on" line.
4. Manually control "stop" line.
5. Manually control "turn off" line.
6. Manually control public line.

123456

3. Central control:

A. Connect the port to the 6P network cable
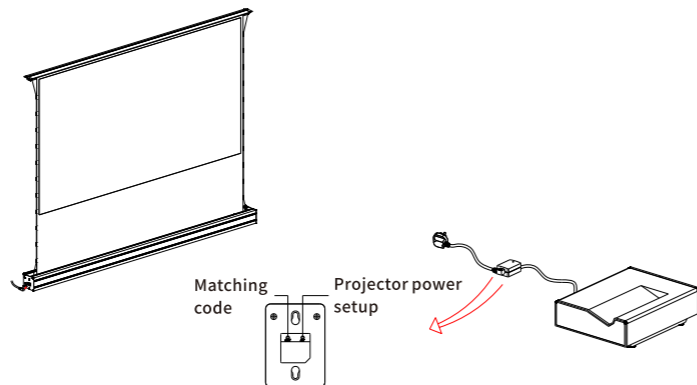
B. RS485 Port Settings

1. Baud rate: 2400   2. Data length: 8   3. Parity check: N

4. Starting bit: 1   5. Stop bit: 1

C. Control code

1. "Up" command: 0xFF 0xAA 0xEE 0xEE 0xDD

2. "Stop" command: 0xFF 0xAA 0xEE 0xEE 0xCC

3. "Down" command: 0xFF 0xAA 0xEE 0xEE 0xEE

D. Function control

1. Uplink command: The screen continues to go up;

2. Stop command: The screen stops running.

3. Downlink command: The screen continues to go down.

Matching code

Projector power setup

AC trigger linkage setting between projector and projection screen:

1. Connect the AC trigger to the power interface of the projector first.

2. In the case of power on, press the "Set" button behind the AC trigger with a paper clip or something similar. At this time, the indicator light of the AC trigger flashes for 3 times. Then press the "Turn on" button of the projector within 10s, wait 15 to 20s, you can hear the buzzer for three times, indicating that the projector is successfully connected with the AC trigger.

3. Set the linkage between the AC trigger and the screen. Disconnect the screen power first, in the case of the AC trigger is powered on, press and hold the "COME" button behind the AC trigger with a paper clip and do not release it. At this time, the indicator light of the AC trigger flashes three times. At this time, connect the screen power immediately and release the "COME" button when you hear the buzzer for three times, Then quickly press the "COME" button again within 5S, and then hear the buzzer three times, indicating that the setting is successful. After the above settings are completed, when you turn on the projector the screen will automatically turn on; Conversely, when you turn off the projector, the screen automatically turns off.

Data Sheet

Ratio	Size	Viewing area (mm)		Housing size			Top black border S	Left/right black border B	Bottom black border X	Open height Z	Packing size (mm)			N.W./KG	G.W./KG
		W	H	L	K	G					L	W	H		
16:9	70"	1150	872	1820	133	123	30	30	500	1537	1916	201	213	13.3	16.5
	80"	1771	996	2041	133	123	30	30	500	1662	2137	201	213	15.9	18.9
	90"	1992	1121	2262	133	123	30	30	500	1662	2358	201	213	18.6	21.5
	100"	2213	1245	2484	133	123	30	30	500	1786	2580	201	213	21.5	22.7
	110"	2435	1369	2705	133	123	30	30	500	1910	2801	201	213	23.8	25.6
	120"	2656	1494	2926	133	123	50	50	500	2034	3000	201	213	26.4	30.0