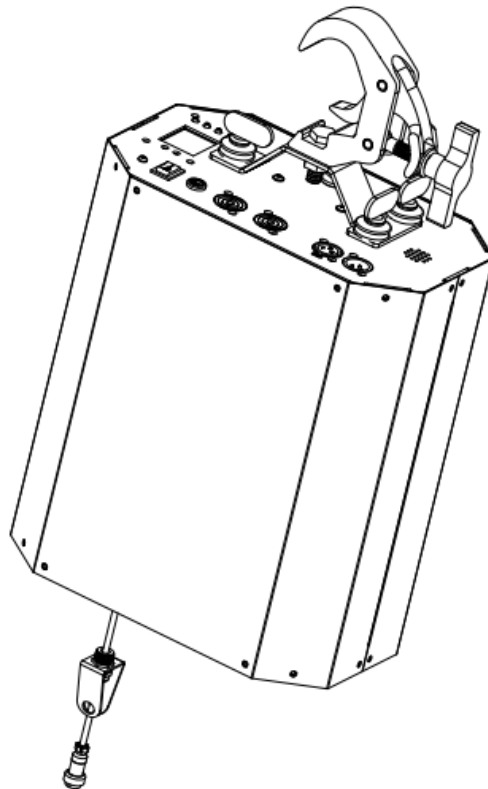




FOS Active Winch



Instruction Manual

Thank you for choosing our products!

Before you use this product for the first time, please be sure to read this manual and the relevant information of random delivery carefully, and use and install, maintain and maintain according to the manual.

We have carried out strict and careful collation and verification of this manual but cannot guarantee that the manual is completely free of any textual description errors and omissions.

This manual picture is for reference only, if the individual picture does not match the actual reality of the product, please use the actual product as the main, we reserve the right to improve/modify the manual and the product at any time, without prior notice.

We have made every effort to prepare the content of this product; If you have any questions about the contents of this product, or find any omissions in this product, please contact us.

If the actual application method is different from the description in this manual, the actual application method shall prevail.

Warning: Before turning on the power, make sure that the hanging parts have been installed on the equipment before it can be powered on!

Technical Specifications

Winch (1Pcs)

- Input voltage: AC100V-240V, 50/60Hz
- Power consumption: 100W
- Protocol: DMX512/RDM
- Data connections: 3-pin XLR
- Power connections: Power-CON
- Lifting length: 0-9 meters
- Lifting speed: 0-0.7m/S
- Lifting capacity: 1.5Kg
- IP Class 20
- Material: Aluminum
- Weight: 8.1kg (1pcs)
- Ambient operation temperature: 5°C to 40°C
- Size: L277 x W167 x H324 mm.
- Packaging: Carton/flight box
- Scope of use: Concerts/music festivals/ events/commercial spaces/high-end entertainment venues

Fixture

	Mini ball	Bar	25CM ball
Spec.	8.5CM	φ2.2x100CM	25CM
color	black	PC	PC Milky white
Pixel	1	18	1
LED	RGB	RGB	RGB
Gray	65535/16Bit	256/8Bit	256/8Bit
Angle	360°	360°	360°
voltage	DC24V	DC24V	DC24V
Power	8W	25W	10W
Weight	0.35kg	0.3kg	1.2kg
Winch number	1	1	1
Channel	9CH	60CH	9CH
Power/set	110W	130W	110W

DMX Channels layout

4CH

Channel Mode	DMX value	Function
1	0-255	Motor movement 8bit
2	0-255	Motor fine 16bit
3	0-255	Motor movement speed
4	0-255	Reset

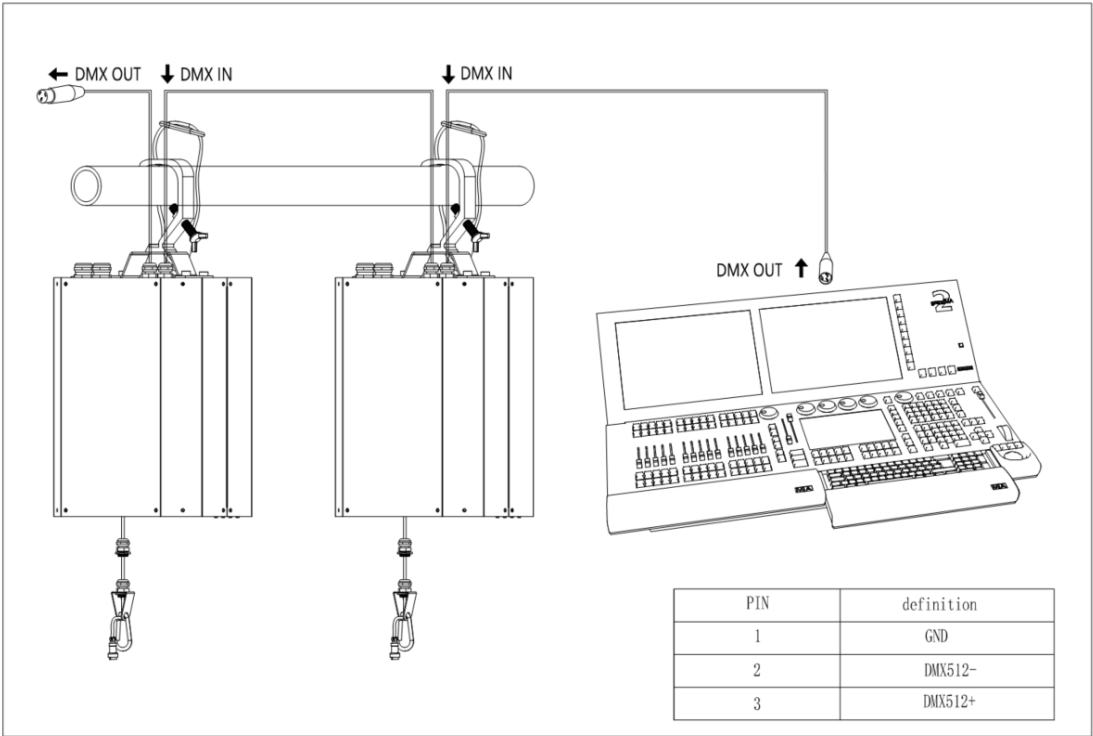
9CH

Channel Mode	DMX value	Function
1	0-255	Motor movement 8bit
2	0-255	Motor fine 16bit
3	0-255	Motor movement speed
4	0-255	Reset
5	0-255	Dimmer
6	0-255	Strobe
7	0-255	R Dimmer
8	0-255	G Dimmer
9	0-255	B Dimmer

168CH (Bar)

Channel Mode	DMX value	Function
1	0-255	Motor movement 8bit
2	0-255	Motor fine 16bit
3	0-255	Motor movement speed
4	0-255	Reset
5	0-255	Dimmer
6	0-255	Strobe
7	0-255	R1 Dimmer
8	0-255	G1 Dimmer
9	0-255	B1 Dimmer
.....
166	0-255	R54 Dimmer
167	0-255	G54 Dimmer
168	0-255	B54 Dimmer

Data connection (DMX)



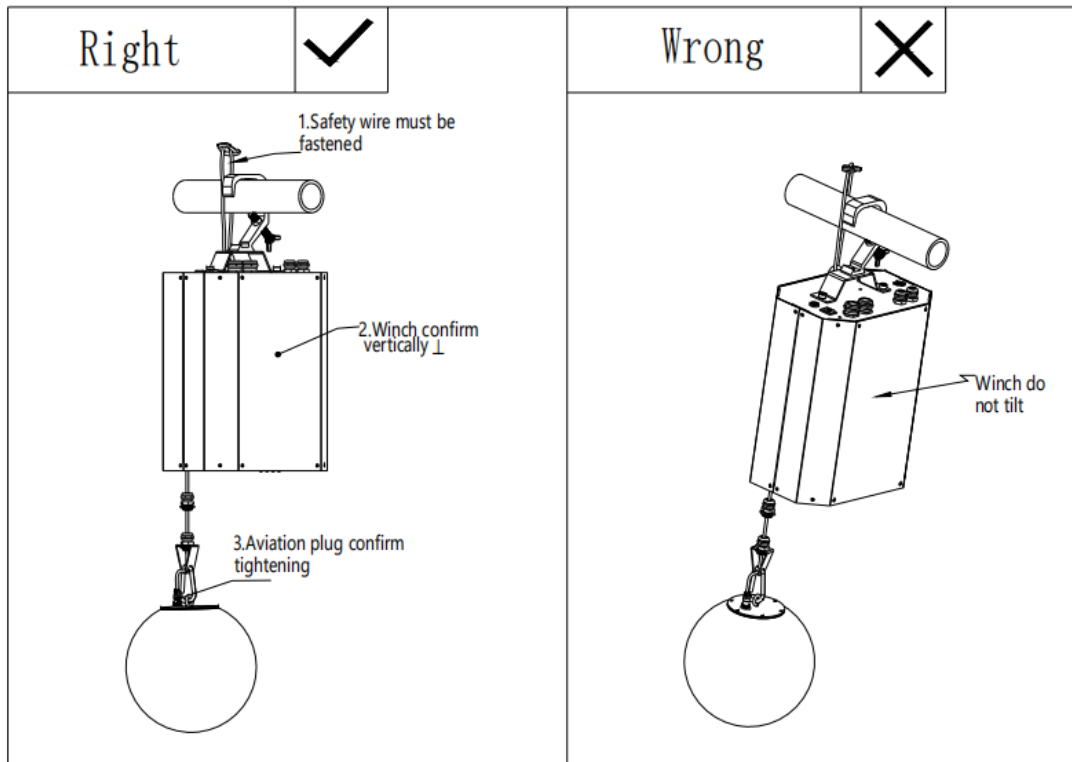
Menu operations and instructions

Root Menu	Submenu	Submenu	Submenu
Address	Address code settings	0~512	
	Channel mode settings	4/9/19/..	
Operation	DMX Model		
	Self-propelled mode		
	Voice control mode		
	Scene mode		
	Master-slave mode		
	Language	Chinese/English	
	Screen protector	Model 1	

Display	Screen rotation	forward	
	DMX Indicator light	Model 2	
	Screen backlight	010	
Scene	Scene selection		
	Scene time		
	01.X axis	0~255	
	02.X axis adjustment	0~255	
	03.XY Speed	0~255	
	04. Reset/function	0~255	
Advanced	X Axis reverse	Off	
	Optocoupler correction	On/Off	
	X-axis offset	010	
	Data retention	Off	
	Light reset		
	Factory settings		
State	Winch information		
	Fault/Status Logging		
	Light status		
	Version		
	Light source time		
	Light time		

Installation and precautions

- **Before hanging the equipment, make sure the light stand is horizontal. This equipment is only allowed to be hung vertically.**
- **Tighten the light hook and pass the safety rope through the eye screw for auxiliary hanging to ensure safety and prevent the device from falling and sliding.**
- **Before turning on the power, make sure that the hanging parts have been installed on the equipment before it can be powered on!**
- **Ensure that the lifting control is carried out within the safe lifting range of the equipment to avoid hitting the ground or other objects, thereby causing damage to the hanging parts. Our company does not provide warranty for hanging parts that are damaged by humans.**
- **The equipment hanging should adapt to the conditions and needs to be hung indoors. This equipment does not support waterproofing.**



Lighting installation diagram

Equipment failure and detection

Fault description	Solutions
Equipment cannot start	Check if the power fuse is blown Check whether the power cord plug is loose
Equipment can light up but is not controlled by the controller	Check whether the DMX start address setting of the lamp is correct Check whether the XLR signal cable is damaged

Equipment can be raised and lowered, but cannot light up	<p>Check whether the connector of the equipment on the lifting line is loose.</p> <p>Check whether the lifting accessories support the light source and whether the accessories are obviously damaged.</p>
Equipment cannot lift	<p>Check whether the lifting cable is stuck</p> <p>Check whether the lifting cable connector is equipped with the lighting accessory.</p>
Equipment lifting accessories swing greatly	<p>Check whether the equipment is hung vertically according to the installation diagram</p>

Warranty Procedure

Please refer to the [FOS Technologies](#) terms of cooperation.

**This manual contains important information on how to
install and use safely**

After reading carefully, install and operate as required!