

Moving Mirror Ball

User Manual



Please read the instructions carefully before use

TECHNICAL PARAMETERS

Light source

Input Voltage: AC 100-240V, 50/60Hz

Mirror Ball Diameter: ϕ 250mm (25cm)

Controls

International standard control signal: DMX512

Number of channels: 4

Construction

Number of motors: 2 silent motors

650,000-color TFT LCD interface; user-friendly and aesthetically pleasing, with a display that can be flipped 180 degrees.

X-axis pan rotation: 540°; Y-axis continuous rotation; features automatic positioning correction.

Weight&Dimension

Product dimensions (L × W × H): 35x27x45

Net weight (kg) : 6KG

Packing dimensions (Lx W × H): 49x47x39

Gross weight (kg): 8 KG

Thank you for choosing our product. To ensure safe and effective use, please read this instruction manual carefully and in its entirety before operating the product. This manual contains important information regarding product features, safe installation, and usage; please keep it in a safe place for future reference. Please strictly adhere to the relevant instructions during installation and use.

DMX512 Signal Connection:

This fixture utilizes DMX512 signal control, with the control signals connected in parallel. When linking multiple fixtures, it is best to use a two-core shielded cable. Connections are made via the DMX signal INPUT and OUTPUT ports (XLR connectors) on the fixtures; ensure that the 3-pin XLR connector terminals align correctly. The use of a DMX signal terminator is recommended to prevent control signal corruption caused by electrical noise. A DMX signal terminator consists of a 120-ohm, 1-watt resistor connected between pins 2 and 3 of an XLR plug; this should be plugged into the OUTPUT port of the last fixture in the chain.

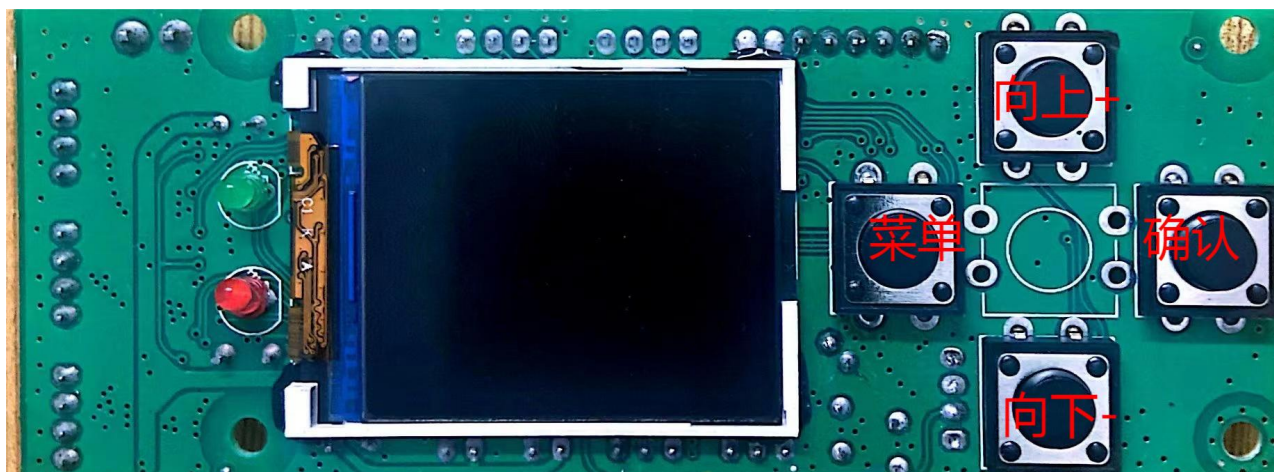
Method for calculating the starting address code for lighting fixtures:

The starting address code for the current fixture equals (starting address code of the previous fixture) + (number of channels used by the fixture). Notes:

1: The starting address code for the first fixture is A001.

2: The controller's base channel capacity must be greater than or equal to the total number of channels used by the fixtures.

3: Note: When using any controller, each fixture must have its own unique starting address code. For example, if the first fixture is set to A001 and uses 4 channels, the second fixture should be set to A05, the third to A09, and so on. (The specific configuration method may vary depending on the controller being used.)



Software Features:

1. High level of intelligence: For example, it detects errors in Hall sensors or optocouplers during the reset process and provides alerts. It supports reset calibration (zero-point calibration) for the X-axis, Y-axis, and focus adjustment.

Set Interface

option	illustration	
System Settings	DMX address	001-512 Machine Status: Receive a DMX signal from the console or host. Press the "OK" key to enter editing mode. Select the hundred-bit address, then use the "Up" / "Down" keys to adjust the address code. Press "OK" again to select the ten-bit address. Press "OK" once more to select the unit-bit address. Finally, press "OK" to exit editing mode.
	Encoder	open Use an encoder (optocoupler) to detect loss of step and automatically correct the position. close Position correction without using an encoder (optocoupler)
	X reversal	Screen Reversal Settings
	Y reversal	Close /Open
running mode	running mode	DMX/sound control/automati
	channel selection	04CH
Display Settings	language selection	Chinese / English
	Screen Reversal Settings	Open / Close

Factory Settings	X-axis Calibration	128
	Y-axis Calibration	128
	Focal Adjustment	128
	red	220
	green	220
	blue	220
	white	220
	Logo select	000

Inverted Display

Press the "OK" key to flip the display 180 degrees.

English Interface

Press the "OK" key to switch the interface to English mode.

Chinese Interface

Press the "OK" key to switch the interface to Chinese mode.

Channel mode:

Channel	04CH		
1	X-axis is horizontal	000-255	Horizontal Rotation540°
2	Y-axis direction	000-128	Forward rotation (this channel is activated by channels 3 through 255)
		129-255	Reverse rotation (this channel is activated by channels 3 through 255)
3	Yspeed	000-255	Speed from slow to fast
4	reset(255)	250-255	

REMARK

The product has perfect performance and integrity packing.

All users should be strictly comply with the warning and operating instructions as stated.

Or we aren't in charge of any result by misusing.

Any damage resulting by misuse is not within the Company's warranty.

Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Errors and omissions for every information given in this manual excepted.

All information is subject to change without prior notice.