![ShowTech] # SPOT WASH MOVING HEAD

ST-S206

USER MANUAL

CE ☒ ✓RoHS

IMPORTANT NOTE: Electric products must not put into household waste. please bring them to a recycling center, ask your local authorities or your dealer about the way to proceed.

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Contents of the carton

- 1 x Moving Light
- 1 x Mains Lead
- 1 x User Manual
- 1 x Hanger

Specifications:

Consumo: 100W

Voltagem: AC110-240V, 50/60Hz

LED: 1pcs*60W LED white+6pcs*8W RGBW4IN1

Pan/Tilt movemento: X-axis: 540° , Y-axis: 270°

Color wheel: 6 color + open , rainbow -flow effect

Gobo wheel: 7 gobo +open, gobo - flow effect

Dimmer: 0-100% linear dimming

Operação: Auto, DMX512, Sound, Master/Slave

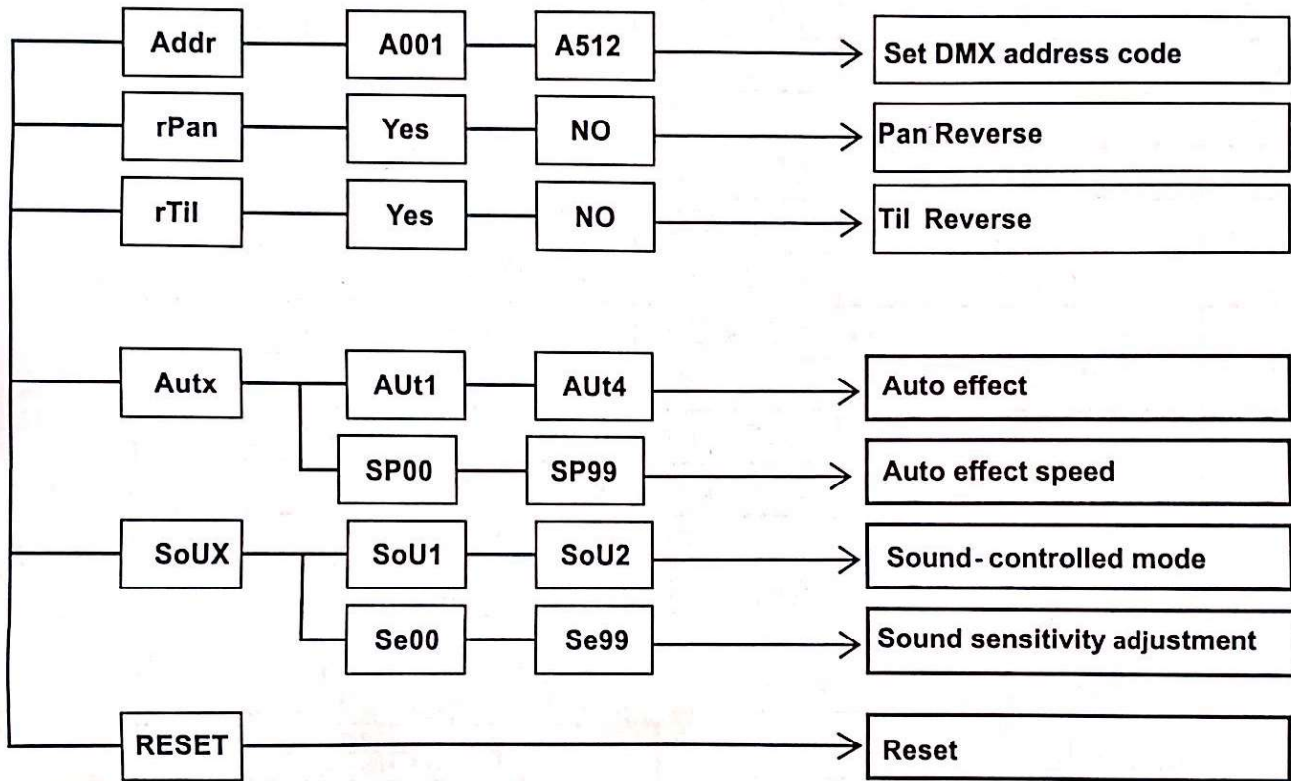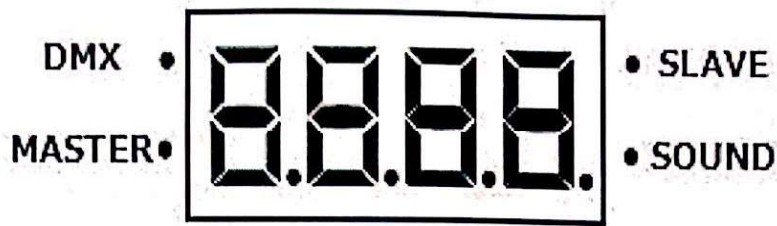Canais: 14CH

FABRICADO NA CHINA

Navigation through the control panel

Access control panel functions using the four panel buttons located directly underneath the LED Display

Button	Function
<MENU>	Used to access the menu or to return to a previous menu option
<UP>	Scrolls through menu options in ascending order
<DOWN>	Scrolls through menu options in descending order
<ENTER>	Used to select and store the current menu or option within a menu

When an menu function is selected, the display will show immediately the first available option for the selected menu function, to select a menu item, press "ENTER".

Digital display:

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DMX  •   8.8.8.8.   • SLAVE
MASTER •             • SOUND
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Addr	→	A001	→	A512	→	Set DMX address code
rPan	→	Yes	→	NO	→	Pan Reverse
rTil	→	Yes	→	NO	→	Til Reverse

Autx	→	AUt1	→	AUt4	→	Auto effect
	→	SP00	→	SP99	→	Auto effect speed
SoUX	→	SoU1	→	SoU2	→	Sound- controlled mode
	→	Se00	→	Se99	→	Sound sensitivity adjustment

| RESET | → | Reset |

DMX Channels: Model:14CH

CH1	Pan	000-255	0°-540°
CH2	Tilt	000-255	0°-270°
CH3	Speed	000-255	Fast to Slow
CH4	RGBW dimmer	000-255	0-100%
CH5	White dimmer	000-255	0-100%
CH6	White strobe	000-000	no strobe
		001-255	slow to fast
CH7	Color	000-255	color
CH8	Gobo	000-255	0-100%
CH9	Red	000-255	0-100%
CH10	Green	000-255	0-100%
CH11	Blue	000-255	0-100%
CH12	White	000-255	0-100%
CH13	Washstrobe	000-000	no strobe
		001-255	slow to fast
CH14	Special	000-199	000-199 No Function
		200-209	200-209 Reset
		210-239	210-239 No Function
		240-255	240-255 Sound Acticon

Clolor

Color	000-015	White
	016-023	Color1
	024-031	Color2
	032-039	Color3
	040-047	Color4
	048-055	Color5
	056-063	Color6
	064-071	Color7
	072-079	Color8
	080-087	Color9
	088-095	Color10
	096-103	Color11
	104-111	Color12
	112-119	Color13
	120-127	Color14
	128-189	Forward rotation slow to fast
	190-193	stop
	194-255	Reverse rotation slow to fast

Gobo

Gobo	000-015	White
	016-031	Gobo1
	032-047	Gobo2
	048-063	Gobo3
	064-079	Gobo4
	080-095	Gobo5
	096-111	Gobo6
	112-127	Gobo7
	128-189	Forward rotation slow to fast
	190-193	stop
	194-255	Reverse rotation slow to fast

SETUP

Disconnect the power cord before replacing a fuse and always replace with the same type fuse.

Fuse replacement

With a flat head screwdriver wedge the fuse holder out of it's housing. Remove the damaged fuse from it's holder and replace with exactly the same type of fuse.

Insert the fuse holder back in it's place and reconnect power.

The fuse is located inside this compartment ,remove using a flat head screwdriver.

Fixture Linking

You'll need a serial data link to run light shows of one or more fixtures using a DMX512 controller or to run synchronized shows on two or more fixtures set to a master/slave operating mode.The combined number of channels required by all fixtures on a serial data link determines number of fixtures that the data link can support.

Important. Fixtures on a serial/data link must be daisy chained in one single line.Maximum recommended serial data link distance 100 meters (1640 ft.)Maximum recommended number of fixtures on a serial data link 32 fixtures
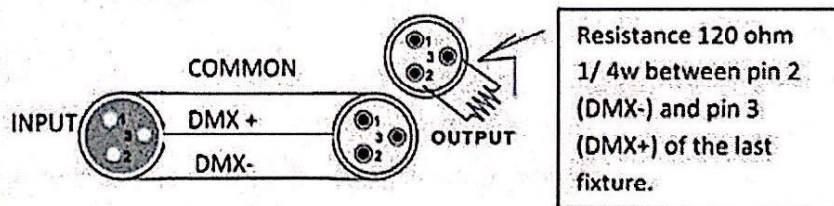
Data Cabling

To link fixtures together you must use data cables,if you choose to create your own cable,please use data grade cables that can carry a high quality signal and are less prone to electromagnetic interference.

Cable Connectors

Cabling must have male XLR connector on one end and a female XLR connector on the other end.

DMX connector configuration

COMMON

INPUT DMX + DMX- OUTPUT

Resistance 120 ohm 1/ 4w between pin 2 (DMX-) and pin 3 (DMX+) of the last fixture.

Termination reduces signal errors.To avoid signal transmission problems and interference,It is always advisable to connect a DMX signal terminator.

Caution

Don't allow contact between the common and the fixture's chassis ground.Grounding the common can cause a ground loop,and your fixture may perform erratically.Test cables with an ohm meter to check correct polarity and to make sure the pins are not grounded or shorted to the shield or each other.

Setting up a DMX Serial Data Link

1.Connect the (male)3 pin connector side of the DMX cable to the output (female) 3 pin connector of the controller.

2.Connect the end of the cable coming from the controller which will have a (female) 3 pin connector to the input connector of the next fixture consisting of a (male) 3 pin connector.

3.Then,proceed to connect from the output as stated above to the input of the following fixture etc.

Sound Activated Mode

The unit responds to sounds picked up by the built in microphone to create a light show.The sound changes the color and the position of the effect.This mode enables the unit act a Master to other Slave units.

Built-in Program Mode

As the unit can be mounted hung on a truss system or stand on a flat surface,pan,tilt and LED display setting can be reversed to provide correct coverage and case of use.

Unpacking Instructions

Immediately upon receiving a fixture, carefully unpack the carton, check the contents to ensure that all parts are present and have been received in good condition. Notify the freight company immediately and retain packing material for inspection if any parts appear to be damaged from shipping or the carton itself shows signs of mishandling. Keep the carton and all packing materials. In the event that a fixture must be returned . It is important that the fixture be returned in the original factory box and packing.

Safety instructions:

- Please read these instructions carefully, they include important information about the installation, usage and maintenance of this product.
- Always make sure that you are connecting to the proper voltage, and that the line voltage you are connecting to not higher than that stated on the decal or rear panel of the fixture.
- This product is intended for indoor use only, it must be connected to an earthed mains outlet
- To prevent risk of fire or shock, do not expose fixture to rain or moisture, make sure there are no flammable materials close to the unit while operating.
- This unit must be installed in a location with adequate ventilation, at least 20 in (50cm) from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Always disconnect from power source before servicing or replacing fuse and be sure to replace with same fuse size and type.
- Secure fixture to fastening device using a safety chin, never carry the fixture solely by its head, use its carrying handles.
- Maximum ambient temperature (Ta) is 104 °F （40°）, do not operate the fixture at temperatures higher than this.
- In the event of a serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself, repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center, always use the same type of spare parts.
- Don't connect the device to a dimmer pack.
- Make sure the power cord is never crimped or damaged.
- Never disconnect the power cord by pulling or tugging on the cord.
- Avoid direct eye exposure to the light source white it is on.