



SPOT SMD MOVING HEAD

ST-S601

USER MANUAL



**Please read this manual carefully before operating the products.
Information under this manual subjects to update without prior advice.**

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.

Contents of the carton

- 1 x Moving Light
- 1 x User Manual

Specifications:

Voltage:AC110-240V,50/60Hz

Power:80W

LED:1pcs*60W LED White+8PCS 5050RGB SMD

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

Color wheel:7 color+open,rainbow-flow effect

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

Dimmer:0-100% liner dimming

Operation:Auto,DMX512,Sound,Master/Slave

Channel:10/12CH

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".

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 while it is on.

Digital display:

Addr	A001-A512	512 setting address
CHnd	12CH	12 setting channel
	10CH	10 setting channel
SLnd	MAST	Master mode
	SL 1	DMX mode
	SL 2	Slave mode
SHnd	SH 0	Effect 0
	SH 1	Effect 1
	SH 2	Effect 2
	SH 3	Effect 3
Soud	on	Sound control on
	oFF	sound control off
SEnS	0-99	Sound sensitive adjustment
bLAnd	bLAc	No 512 signal 0
	Auto	No 512 signal auto
	Soun	No 512 signal sound control
	HoLd	No 512 signal Keep the last console status
LEd	OFF	After 5 seconds off screen
	ON	The screen on
dISP	no	Display reverse
	YES	Show positive
rPAN	no	X Motor Forward
	YES	X Motor reversal
rTiL	no	Y Motor Forward
REST	YES	Reset

12 Channels

Channel	Function	Detail
1	Horizontal operation	0-255
2	Horizontal fine-tuning	0-255
3	Vertical operation	0-255
4	Vertical fine-tuning	0-255
5	Color	
	0-139	Choose color
	140-255	Automatic color change from slow to fast
6	Gobo	
	0-63	fix gobo
	64-127	Gobo shake
	128-255	Automatic color pattern from slow to fast
7	Strobe	0-255
8	Dimmer	0-255
9	motor speed	0-255 from slow to fast
10	Auto mode	
	0-59	Other channel function
	60-84	Auto mode 3
	85-109	Auto mode 2
	110-134	Auto mode 1
	135-159	Auto mode 0
	160-184	Sound mode 3
	185-209	Sound mode 2
	210-234	Sound mode 1
	235-255	Sound mode 0
11	Reset	250-255 (5 seconds)
12	Ring	5-109 LED Ring choose color 110-255 LED Ring auto mode

10 Channels

Channel	Function	Detail
1	Horizontal operation	0-255
2	Vertical operation	0-255
3	Color	
	0-139	Choose color
	140-255	Automatic color change from slow to fast
4	Gobo	
	0-63	fix gobo
	64-127	gobo shake
	128-255	Automatic pattern change from slow to fast
5	strobe	0-255
6	Dimmer	0-255
7	Motor speed	0-255
8	Auto mode	0-255 Adjust forward rotation up, down adjustment reverse
9	Reset	250-255 (5 seconds)
10	Light ring	5-109 choose color 110-255 auto mode

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.

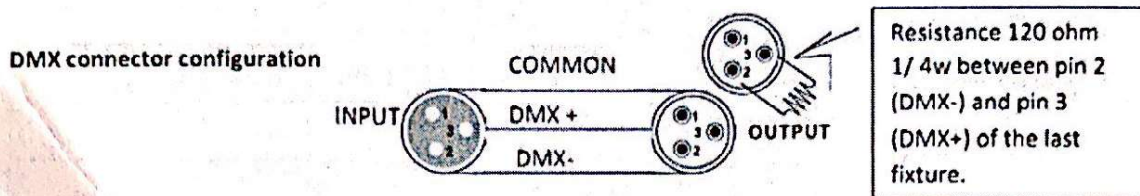
Important. Fixtures on a serial/data link must be daisy chained in one single line. Maximum recommended serial data link distance 100 meters (1640 ft.) Maximum recommended number of fixtures on a serial data link 32 fixtures

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.



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 ease 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.