



ST-150Y

BEAM MOVING HEAD LIGHT



USER MANUAL



At first,thank you for purchasing the device.For the sake of safety and regular operation of this projector,please read this manual carefully before using and operating it in order to avoid any personal injury or damage to the device.

WARNING
FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL
CAREFULLY BEFORE YOUR INITIAL START-UP!



CAUTION: Keep this equipment away from rain,
moisture and liquids.



SAFETY INSTRUCTIONS

Every person involved with the installation,
operation & maintenance of this equipment should:

- Be competent
- Follow the instructions of this manual



CAUTION: Take care using this equipment!
high voltage-risk of electric shock!!



Before your initial start-up, please make sure that there is no damage caused during transportation. Should there be any, consult your dealer and do not use the equipment.

To maintain the equipment in good working condition and to ensure safe operation, it is necessary for the user to follow the safety instructions and warning notes written in this manual.

Please note that damages caused by user modifications to this equipment are not subject to warranty.



ATTENTION:
DANGER OF LIFE! RISK OF BURNS!
RISK OF FIRE! RISK OF SHORT CIRCUIT!

IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the equipment.

- Never let the power - cable come into contact with other cables. Handle the power-cable and all mains voltage connections with particular caution !
 - Never remove warning or informative labels from the equipment.
 - Do not open the equipment and do not modify the equipment.
 - Do not connect this equipment to a dimmer-pack.
 - Do not switch the equipment on and off in short intervals, as this will reduce the systems life.
 - Only use the equipment indoors.
 - Do not expose to flammables sources, liquids or gases.
 - Always disconnect the power from the mains when equipment is not in use or before cleaning!
Only handle the power-cable by the plug. Never pull out the plug by pulling the power-cable.
 - Make sure that the available voltage is 110-240V.
 - Make sure that the power-cable is never crimped or damaged. Check the equipment and the power-cable periodically.
 - If the equipment is dropped or damaged, disconnect the mains power supply immediately.
 - Have a qualified engineer inspect the equipment before operating again.
 - If the equipment has been exposed to drastic temperature fluctuation (e.g. after transportation) do not switch it on immediately. The arising condensation might damage the equipment. Leave the equipment switched off until it has reached room temperature.
 - Only use fuses of same type and rating.
 - Repairs, servicing and power connection must only be carried out by a qualified technician.
- THIS UNIT CONTAINS NO USER SERVICEABLE PARTS.**

OPERATING DETERMINATIONS

If this equipment is operated in any other way, than those described in this manual, the product may suffer damage and the warranty becomes void.

In Correct operation may lead to danger e.g.: short-circuit, burns, electric shocks, lamp failure etc.

Do not endanger your own safety and the safety of others! Incorrect installation or use can cause serious damage to people and property.

You should find inside the LEDJ carton the following items:

1. Beam light 2. Power cable 3. InstruCtion manual

Technical Specifications:

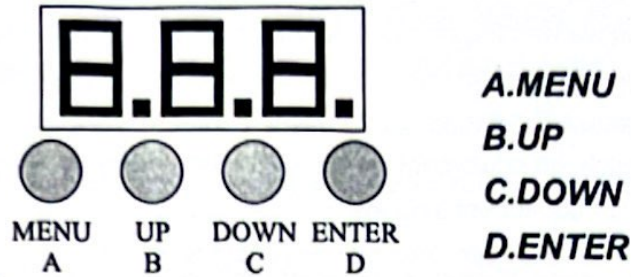
Voltage: AC 110-240V~50/60Hz

DMX Channels: 15CH

Stroboscopic: 25time/seconds

Digital display operate:

a). Illustration part:



Operation Instructions:

After power on, press "MENU" key to appear the following function in turn, and then press confirm key to confirm. (This order is the new machine order, if the light has used other modes and saved the mode before shutdown, it will show the mode before shutdown again) other functions need to be saved by pressing "ENTER" key after setting up, otherwise the effect of setting before shutdown will not occur after the next boot

b).LCD display window function comparison table

(function selected and then press D key to confirm)

No.	Display	Function Description
1	Addr	A001-A512 DMX
2	Chnd	15H
3	Slnd	DMX AUTO SOUND
4	Pan	YES,NO X pan Forward and reverse setting
5	Tilt	YES,NO Y Tilt Forward and reverse setting
6	SEne	SOUND(0-100)
7	LED	ON, OFF Screen steady on Settings
8	DISP	YES,NO Display Forward and reverse settings
9	TEMP	XXX According to the temperature
10	Ver	V100 The version number
11	Faet	YES, NO factory data reset

DMX512 15-channel description

14CH	Function	Value	Description
1	Pan	0-255	X-axis position
2	Pan fine	0-255	Pan fine
3	Tilt	0-255	Y-axis position
4	Tilt fine	0-255	Tilt fine
5	PanTilt speed	0-255	X Y Speed
6	Gobo white light	0-255	Gobo dimming from dark to bright
7	Gobo strobe	0	No strobe
		1-255	Speed from slow to fast (1HZ~25Hz)
8	Color palette (7 color palette + blank)	0-15	White Light
		16-31	Pattern 1
		32-47	Pattern 2
		48-63	Pattern 3
		64-79	Pattern 4

DMX512 15-channel description

		80-95	Pattern 5
		96-111	Pattern 6
		112-127	Pattern 7
		128-191	Clockwise color automatically switches from fast to slow
		192-255	Counterclockwise color automatically switches from slow to fast
9	Pattern plate (11 patterns + blank)	0-10	White Light
		11-21	Pattern 1
		22-23	Pattern 2
		24-34	Pattern 3
		35-45	Pattern 4
		46-56	Pattern 5
		57-77	Pattern 6
		78-88	Pattern 7
		89-99	Pattern 8
		100-111	Pattern 9
		112-122	Pattern 10
		123-127	Pattern 11
		128-191	Clockwise color automatically switches from fast to slow
		192-255	Counterclockwise color automatically switches from slow to fast
10	Prism	0-7	NO
		8-127	Open the prism
		128-255	The prism rotates slowly to fast
11	ZOOM	0-255	From near to far
12	7 colour	0-7	NO
		8-255	Open
13	Lightband effect	0-7	No function
		8-25	Red
		26-43	Green
		44-61	Blue
		62-79	Red+Green
		80-97	Red+Blue
		98-115	Green+Blue
		116-120	Ren+Green+Blue
		121-135	Effect 1 from slow to fast
		136-150	Effect 2 from slow to fast
		151-165	Effect 3 from slow to fast
		166-180	Effect 4 from slow to fast
		181-195	Effect 5 from slow to fast
		196-210	Effect 6 from slow to fast
		211-225	Effect 7 from slow to fast
		226-255	Effect 8 from slow to fast
14	Macro	0-49	Channels 1 to 13 are valid
		50-200	Auto
		201-255	Sound
15	Reset	0-240	No function
		241-255	Reset 5 seconds



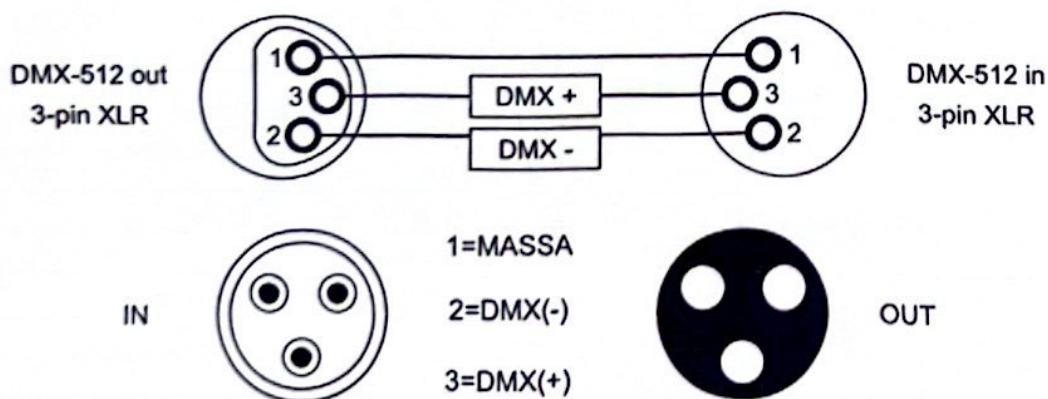
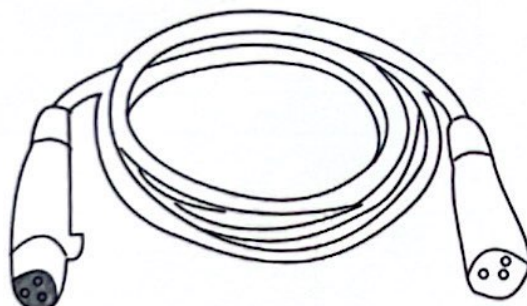
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Notice:

- Be sure to follow figures 2 & 3 when making your own cables.
- Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing.
- Grounding the shield could cause a short circuit and erratic behaviour.

DMX Signal Connection

3-Pin XLR to 5-Pin XLR Conversion		
Conductor	3-Pin XLR Female (OUT)	5-Pin XLR Male (IN)
Ground/Shield	Pin 1	Pin 1
Data Compliment (-signal)	Pin 2	Pin 2
Data True (+signal)	Pin 3	Pin 3
Not Used		Pin 4-Do Not Used
Not Used		Pin 5-Do Not Used



MAINTENANCE

Attention:

- ※ Periodical to maintain the light
- ※ Check the screw of the spare parts in order to use well
- ※ Clearing the dust and fragments of the inner light, to keep the inner light clearly
- ※ Clearing the lens
- ※ More dust, smoke and granular can cause appearance of the light corrosively, even cause overheated to damage equipment
- ※ Attention: Before take the light apart, please cut the power source.



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high voltage-risk of electric shock!!



Clearing

- ※ Cutting the power source when the light is cool, to move the cover of the light
- ※ Using the vacuum cleaner or the gas from air compressor to remove the dust of the appearance of the light
- ※ The lens need clearly once every week, otherwise to reduce the bright.
- ※ The fans need clear once every month, to promise the cool effect.
- ※ Clearing the lens must be take care, because the surface of the lens is easy to damage and cutting, and do not use the liquid to clean
- ※ The PCB do not use the liquid to clean, must be keep it dry, to avoid short circuit