



LED 150W BEAM MOVING HEAD LIGHT



USER MANUAL

Safety introduction



Please read the instructions carefully which includes important information about the installation, operation and maintenance.

WARNING

- Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.
- All fixtures are intact from the manufacture, please operate follow up the user manual, artificial fault are not under guarantee repair.
- Unpack and check carefully that there is no transportation damage before using the unit.
- The unit is for indoor use only. Use only in a dry location.
- Do install and operate by operator
- Use safety chain when fixes the unit. Don't handle the unit by taking its head only, but always by taking its base.
- The unit must be installed in a location with adequate ventilation, at least 50CM from adjacent surfaces.
- Be sure that no ventilation slots are blocked, otherwise the unit will be overheated.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- Maximum ambient temperature TA: 40°C. Don't operate it where the temperature is higher than this.
- Don't connect the device to any dimmer pack.
- First run, there will be smoke or smells, and all disappearing a few minutes later.
- Make sure there are no flammable materials close to the unit while operating, as it is fire hazard.
- Look over power wires carefully, replace immediately if there is any damage.
- Never run on for a long time lest shortening lifespan. Avoid any inflammable liquids, water or metal objects entering the unit.
- Once it happens, cut off the mains power.
- Do not operate in dirty and dusty environment, also cleaning fixtures regularly.
- Do not allow children to operate the fixture.
- Do not touch any wire during operation as there might be a hazard of electric shock.
- Avoid power wires together around other cables.
- Disconnect mains power before fuse/lamp replacement or servicing
- Replace fuse only with the same type.
- In the event of serious operating problem, stop using the unit immediately.
- Never turn on and off the unit time after time.
- The housing, the lenses, or ultraviolet filter must be replaced if they are visibly damaged.
- Do not open the unit as there are no user serviceable parts inside.
- 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 assistant center.
- Disconnect the main power if the fixture is not used for a long time.
- Do use original packing material once transport again.
- Do not look directly at the LED light beam while the fixture is on.

For power supply, do not connect in series much more than 7 units. Use another main power supply for next 7 units.

Installation

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture. The equipment must be fixed by professional. And it must be fixed at a place where it is out of the touch of people and has no one pass by or under it.

Technical parameters:

Features : 8 face prism , 1 Gobo wheel, 1 color wheel
 Voltage: AC 100-240v, 50/60Hz
 Power consumption: 180W
 Lighting Source: 150W HuiLiangLED
 Emitting Color: 11 colors + white
 Static Gobo : 17 gobos + white
 DMX Channels: 14 CH
 Pan/Tilt: 540°/270°
 Display: LCD display
 Beam Angle: 1.5°
 Mode: DMX512, auto run, master-slave, sound control
 Protection rating: IP20 (indoor use only)
 N.W : 12.0kg

Menu table

Setting	Operate Mode	Console
		Sounds
		Show 1
		Show 2
		Show 3
		Show 4
		Random

Setting	DMX address	1-512
	Channel mode	14 channel
	Sounds sensitive	1-99
	Pan inverse	On/Off
	Tilt inverse	On/Off
	Pan / Tilt exchange	On/Off
	Code disk	On/Off
	Timeout signal	Cut/hold
	Screen saver	On/Off
	Color linear	On/Off
	Factory default	Confirm
	Manual mode	Dimming
Strobe		0-255
Pan		0-255
Pan fine		0-255
Tilt		0-255
Tilt fine		0-255
Speed of Pan/Tilt		0-255
Color		0-255
Gobo		0-255
Prism		0-255
Prism rotate		0-255
Focus		0-255
Auto running		0-255
Reset		>
offset	Pan offset	(-128) - (+127)
	Tilt offset	(-128) - (+127)
	Color wheel offset	(-128) - (+127)
	Gobo wheel offset	(-128) - (+127)
	Focus offset	(-128) - (+127)
Senior (Password :123456)	Language exchange	Confirm
	Screen inverse	Confirm
	Time to reset	Confirm
	Protect temperature	0-80
Hardware information	Focus hall	X
	Gobo wheel hall	X
	Color wheel hall	X
	Prism hall	
	Pan Code disk	XX
	Pan route	XXXXXX
	Tilt Code disk	XX
	Tilt route	XXXXXX
	Pan hall	X
Tilt hall	X	
System information	version	XXXXXXXXXX
	Usage time	XXXXXX
	Open time	XXXXXX
	Temperature	XXX

Menu descriptions

(1) Setting

- Operate mode
 - 1) Console mode , There are 14 channel working modes.
 - 2) Sounds mode ,One lights can as a master and other lights follow the master light
 - 3) Show1-4 mode,One lights can as a master and other lights follow the master light
 - 4) Random mode,One lights can as a master and other lights follow the master light
- DMX address
The address code of the set control mode is 1-512
- Channel mode
There are 14 working channel for setting when use console.
- Sounds sensitive
The sensitive value is 1-99,1 is the least sensitive, 99 is the most sensitive
- Pan inverse
- Tilt inverse
- Pan / Tilt exchange
- Code disk
Can turn on, or close the code disk correction function

- Timeout signal
when disconnect control signal or the state of the light as signal, can choose to hold or cut light
- Screen saver
- Color linear
- Factory default

(2) Manual mode

Corresponding to the channel, the initial value will be changed with the change of the Auto mode or the console mode 's value

(3) Offset

- Pan offset
Adjust the offset of Pan
- Tilt offset
Adjust the offset of Tilt
- Color wheel
Adjust the offset of color wheel
- Gobo wheel
Adjust the offset of gobo wheel

(4) Senior

- Language exchange
Exchange the menu language to Chinese or English
- Screen inverse
Change the display direction of the screen
- Time to reset
Light's bright working time and the total usage time reset to zero
- Protect temperature
The test temperature exceeds the protective temperature and the brightness will decreases.

(5) Hardware information

- Focus hall
The state of Focus hall
- Gobo wheel hall
The state of Gobo hall
- Color wheel hall
The state of Color wheel
- Prism
The state of Prism
- Pan code disk
The state of pan code disk
- Pan route
The counting route for pan code disk
- Tilt code disk
The state of Tilt code disk
- Tilt route
The counting route for Tilt code disk
- Pan hall
The state of Pan hall
- Tilt hall
The state of Tilt hall

(6) System information

- Version
- The usage time of Light
The Usage time can be clear to zero on the senior setting.
- Open time
The working time for this time.
- Temperature
If the bulb's temperature exceeds the set protection value, The brightness will decrease.

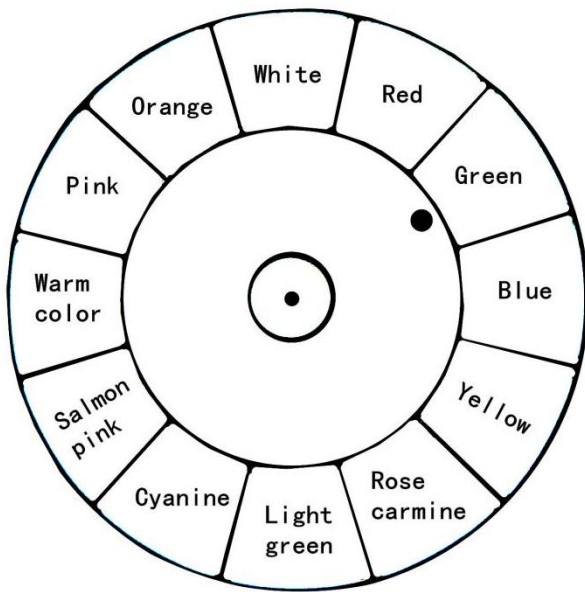
DMX channel

CH	Function	Value	Description
1	Dimming	0-255	From dark to bright
2	Strobe	0-10	No function
		11-255	Strobe from slow to fast
3	Pan	0-255	Pan
4	Pan fine	0-255	Pan 16bit
5	Tilt	0-255	Tilt
6	Tilt fine	0-255	Tilt 16bit

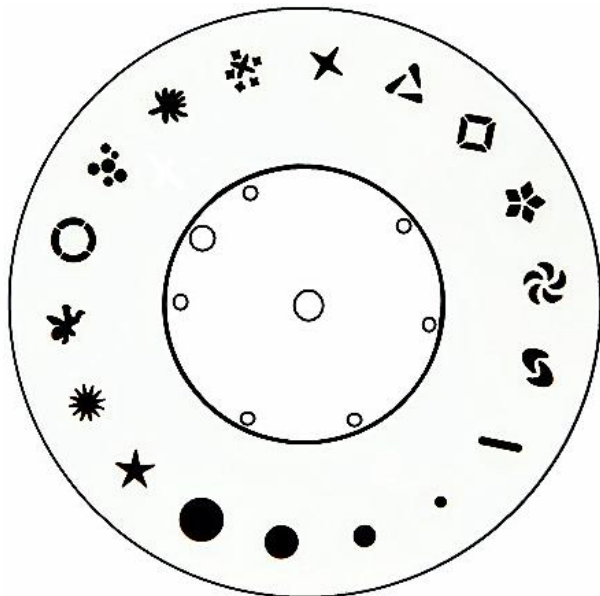
7	Speed of Pan / Tilt	0-255	Speed from fast to slow
8	Color wheel	0-4	White
		5-9	White + Color1
		10-14	Color1
		15-19	Color1 + Color2
		20-24	Color2
		25-29	Color2 + Color3
		30-34	Color3
		35-39	Color3 + Color4
		40-44	Color4
		45-49	Color4 + Color5
		50-54	Color5
		55-59	Color5 + Color6
		60-64	Color6
		65-69	Color6 + Color7
		70-74	Color7
		75-79	Color7 + Color8
		80-84	Color8
		85-89	Color8 + Color9
		90-94	Color9
		95-99	Color9 + Color10
		100-104	Color10
105-109	Color10 + Color11		
110-114	Color11		
115-119	Color11 + White		
120-169	Color clockwise running from fast to slow from		
170-174	Stop		
175-255	Color counter clockwise running from slow to fast		
9	Gobo wheel	0-4	White
		5-9	Gobo 1
		10-14	Gobo 2
		15-19	Gobo 3
		20-24	Gobo 4
		25-29	Gobo 5
		30-34	Gobo 6
		35-39	Gobo 7
		40-44	Gobo 8
		45-49	Gobo 9
		50-54	Gobo 10
		55-59	Gobo 11
		60-64	Gobo 12
		65-69	Gobo 13
		70-74	Gobo 14
		75-79	Gobo 15
		80-84	Gobo 16
		85-89	Gobo 17
		90-94	White shake
		95-99	Gobo 1 shake
		100-104	Gobo 2 shake
		105-109	Gobo 3 shake
		110-114	Gobo 4 shake
		115-119	Gobo 5 shake
		120-124	Gobo 6 shake
		125-129	Gobo 7 shake
		130-134	Gobo 8 shake
		135-139	Gobo 9 shake
		140-144	Gobo 10 shake
		145-149	Gobo 11 shake
		150-154	Gobo 12 shake
155-159	Gobo 13 shake		
160-164	Gobo 14 shake		
165-169	Gobo 15 shake		
170-174	Gobo 16 shake		
175-179	Gobo 17 shake		
180-217	Gobo clockwise running from fast to slow from		
218-219	Stop		
220-255	Gobo counter clockwise running from slow to fast		
10	Prism	0-126	No function
		127-255	Prism

11	Prism rotate	0-127	Prism angle
		128-190	Prism counter clockwise running from fast to slow
		191-192	stop
		193-255	Prism clockwise running from slow to fast
12	Focus	0-255	Focus
13	Macro	0-255	Brightness from dark to bright
		0-5	Ni function
		6-55	Show 1
		56-105	Show 2
		106-155	Show 3
		156-205	Show 4
		206-255	Random mode
14	Reset	0-25	No function
		26-76	Small motor reset
		77-127	Pan / Tilt reset
		128-255	All reset

Color wheel-----Channel 8

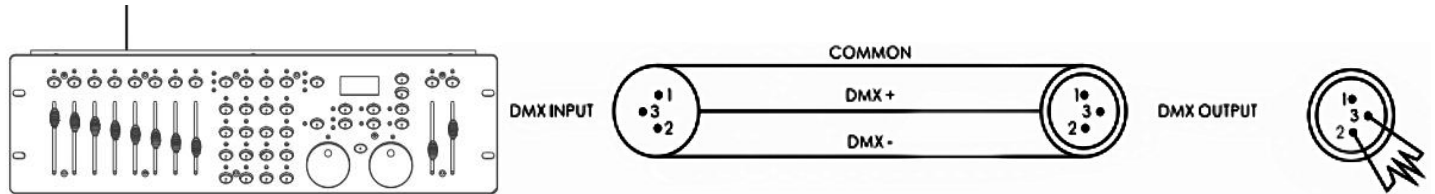


Gobo wheel--Channel 9



DMX connection

The DMX 512 is widely used in intelligent control, with a maximum of 512 channels.



Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminal (Resistance 129ohm 1/4 W) between pin 2 (DMX-) and pin 3 (DMX+) of the last fixture.

Maintenance and cleaning

This moving LED must be kept clean basically, which means dust, dirt or draft of tobacco tar should not be stayed on/in the case, otherwise, it will sharply decrease the output of the moving LED. Regular cleaning can guarantee not only LED output but its life as well. It is suggested to be cleaned by soft cloth with premium glass detergent instead of using alcohol or solvent!

Maintenance

- ★ Danger: Switch off power supply before any maintenance.
- ★ The front glass is easily stained by the draft of tobacco tar, which will decrease light output, so it should be cleaned once a week, as for cooling fan, once a month.
- ★ There is not any repairable part inside the device except for fuse.
- ★ Only franchisers have the right for maintenance.
- ★ Change of Fuse When the bulb is burnt, the fuse might also be burnt at the same time. Only the fuse with same model and class need to be changed.
- ★ Switch off power supply before changing fuse.

Cleaning

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses and mirror should be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew). In heavy club use we recommend cleaning on a monthly basis. Periodic cleaning will ensure longevity, and crisp output.

- ★ Use normal glass cleaner and a soft cloth to wipe down the outside casing.
- ★ Use a brush to wipe down the cooling vents and fan grill.
- ★ Clean the external optics with glass cleaner and a soft cloth every 20 days.
- ★ Clean the internal optics with glass cleaner and a soft cloth every 30-60 days.
- ★ Always be sure to dry all parts completely before plugging the unit back in.

Thanks for choosing our products!