USER GUIDE FOR
350W LED BEAM SPOT WASH MOVING HEAD

Applicable Models:

350W LED BEAM SPOT WASH MOVING HEAD 3IN1

You may connect to below contact for your queries:

Leksa Lighting Technologies Pvt. Ltd
Ashwathpura Road, Mangalore – 574227, India
biz@leksalighting.com
www.leksalighting.com
+91-7899 – 543210

For Quality and Service support reach us @ service@leksalighting.com

Important Notice:

There are no user serviceable parts inside the fixture. Do not attempt any repairs yourself; doing so will cease the manufacturing warranty and such acts will void the manufacturer warranty claims.

- Warranty claims to be reported to the above referred email ID's with the product Sl. Nos.
- Warranty will not be extended on the glass and breakable items like lenses etc.
- Product warranty does not cover the physical damages, breakages etc.
- Product warranty ceases if the product is not used as per manufacturer instructions.
- Product warranty is limited to the functional aspects of the fixture.

Repair or Replacement is depending on the variance of complaint subject to manufacturer decision.

INSTRUCTIONS :

This Product is IP20 rated. For proper operation, follow the **Installation guidelines described in this manual. Only qualified and** certified personnel should perform the installation and only the original rigging parts (brackets, holders, clamps, safety cables) included with this fixture should be used for installation. Any modifications will void the original manufactures warranty and increase the risk of damage and/or personal injury.

- Never look directly into the light source to prevent risk of injury to your retina, which may induce blindness. Those suffering from EPILEPSY should avoid looking directly into the light source of this unit at all times.

- The fan and air inlets must remain clean and never blocked. Allow approx. 6" (15cm) between this fixture and other devices or a wall for proper cooling.

- Always disconnect from main power source before performing any type of service and/or cleaning procedure. Only handle the power cord by the plug end, never pull by tugging the wire portion of the cord.

- Do NOT operate fixture if the power cord has become frayed, crimped and/or damaged. If the power cord is damaged, replace it immediately with a new one of similar power rating.

- Do NOT operate fixture near any flammable materials.

- Do NOT operate fixture in dusty environments.

- Fixture is IP20 rated and should be operated at the dry spaces. Fixture may get damaged to moistures and wet environments.

➢ This fixture has an inbuilt signal dimming system. Do NOT connect this fixture for external dimmer packs.

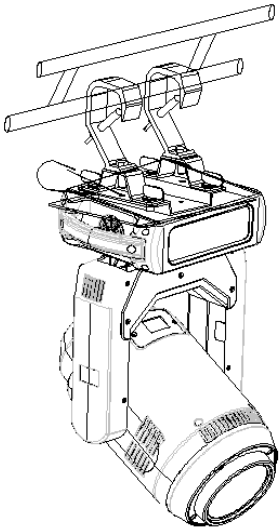
➢ We urge you to ensure proper mechanical fitments of clamps and a usage of safety chains while suspending from the top.

Ordinary Troubleshooting

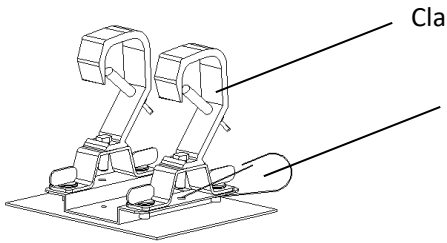
Fault description	Take countermeasures
The lamp can't work normally	check if the power fuse is blown Check if the bulb is in good condition
The lamps are not controlled by the controller	Check if the DMX start address of the lamp is set correctly Check if the XLR signal cable is damaged
The lamps work intermittently	Check whether the fan is working normally, and whether dust is blocking the fan and the fan net
The light is dim and the brightness is obviously reduced	Check whether the LED light source has reached the expiration date Check whether the internal and external optical system is clean
The beam is impure (has a halo)	Clean the dust and oil from the lens and other parts
Serious beam distortion	Check if the lens is broken Clean the lens dust or oil

LAMP APPEARANCE

INSTALLATION



Warning!!
To ensure safety, please pass the safety rope through the connection hole to ensure safety.



Take out the 2 hooks and 1 safety rope that came with the machine, use the 4 hook quick knobs attached to the hooks to install the 2 hooks on the bottom of the luminaire,

and then hang the luminaire on the fixed bracket with the hooks and twist Tighten the hook and lock bolts to fix the whole lamp. Please confirm that the lamp is installed firmly and reliably, and ensure that the hoisting position has enough strength to bear the weight of the lamp. For safety reasons, please follow the warning shown in the figure above to pass the safety rope provided with the lamp through the safety hole at the bottom of the lamp holder for auxiliary lifting to ensure safety.

Warning!!

- The hook is only used when hoisting the lamp. It is strictly forbidden to use the hook as a handle to carry the lamp. Please use the handle when carrying.
- For safety reasons, please use a safety rope that can withstand 10 times the weight of the lamp to pass through the safety hole of the lamp for auxiliary lifting.

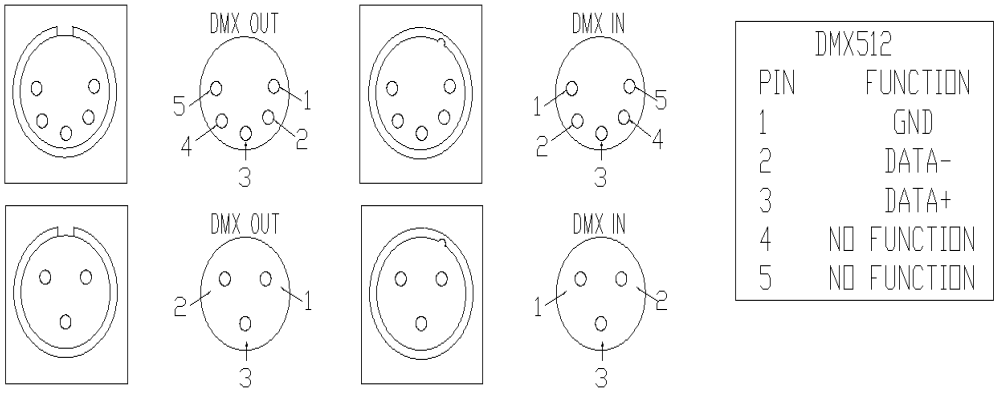
Power connection:

The power cord connection is as follows:
L (fire wire) = brown wire
E (ground wire) = yellow/green two-color wire
N (center line) = blue line

When connecting the power supply, please note that the power supply voltage and frequency must be consistent with the voltage and frequency marked on the nameplate of the lamp. When multiple lamps are used at the same time, it is recommended to connect the power supply of each lamp separately, so that each lamp can be individually controlled on/off.

- .When connecting the power supply, the ground wire (yellow/green two-color wire) must be safely grounded, and the electrical installation must comply with all relevant standards.
- If you have any questions about electrical installation, please do not operate and consult a qualified electrician.

Connection of control signal:

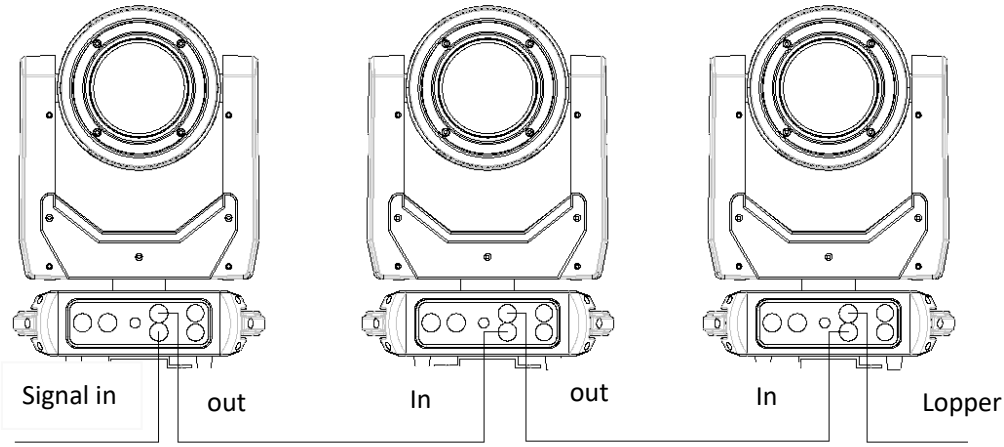


DMX512	
PIN	FUNCTION
1	GND
2	DATA-
3	DATA+
4	NO FUNCTION
5	NO FUNCTION

The connection between the lamp and the controller and between the lamp and the lamp must use a two-core shielded wire with a diameter of not less than 0.5 mm. Please use a 3-pin (included) XLR plug/seat to connect the DMX512 output/inlet of the lamp. The connection between the XLR plug/socket and the wire is shown in the list above. It must be noted that the 3-core of the XLR plug/seat cannot be in contact with the inner shell and the core and the core cannot be in contact during the connection. Except for the connection methods shown in the list above, the XLR plug/seat and the XLR control line cannot be connected in any other way. This product receives the international standard DMX512 (1990) control signal.

Use the XLR-XLR control cable to connect the DMX output port of the controller to the

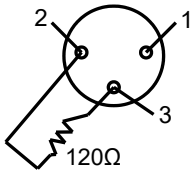
DMX input port of the first slave, and connect the DMX output port of the first slave to the DMX input port of the second slave, and so on By analogy, until all the slaves are connected, and finally the circuit is connected to the signal output port of the last lamp to complete the controller mode connection. As shown below:



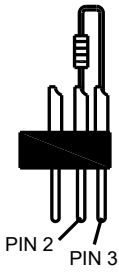
DMX512

DMX loop plug

In the "controller mode", the DMX output port of the last lamp must be connected to the DMX loop plug. This circuit is inserted between pin 2 and pin 3 of the "Canon" plug and connected with a resistance of about 120Ω (OHM) (as shown in the figure below). Plug this loop into the output port of the last lamp, which can effectively avoid the noise and reflection caused by the DMX512 signal during the transmission process.

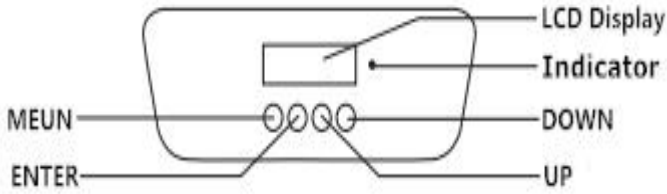


dmx loop plug connection
Connect a 120Ω (OHM) resistor before pin 2 and pin 3 of the XLR plug, and plug it into the DMX output of the last lamp



FUNCTION SETTING

Display operation



To view or modify the function settings of the lamp, press any key (in the power-on state) to light up the screen, and then press the UP and DOWN keys to enter the corresponding menu of the lamp. There are corresponding sub-menus in the function operation main menu, and each menu represents a specific function of the lamp. For details, see the sixth point "Operation Menu" below.

1. In the lamp function menu setting page, press the UP and DOWN keys to select the corresponding function.

2. When operating the menu, the MENU button is the menu button, and the ENTER button is the confirmation button. Press the ENTER button to save your changes or enter the submenu. Press the UP or DOWN button to modify the value (increase or decrease the value).
Press the MENU button to return to the previous menu. If you don't press it, the system will automatically return to the display state.

Lamp DMX start address setting

When using a controller to control multiple lamps, each lamp must be set with a DMX start address to receive the signal from the controller and respond correctly. This product has 2 control modes, namely standard mode and simplified mode. Take the standard mode as an example: the product has 18 channels, the DMX start address of the first lamp is set to 001, the second is 019, the third is 037, and so on, and so on.
Turn on the lamp, after the initialization of the lamp is completed, press any key to light up the operation panel, and then press the UP or DOWN key to enter the corresponding operation menu of the lamp
Select the "DMX setting" icon and press the ENTER key or click directly on the screen, and select DMX address setting in the secondary menu;
Press the UP and DOWN keys to get the set value;
Then press ENTER to confirm,
Press the MENU button to return to the previous menu.

Stand-alone mode

Do not connect the controller and the control line. When the automatic program of the host mode of the lamp is set to be valid, the lamp will run in the stand-alone mode.

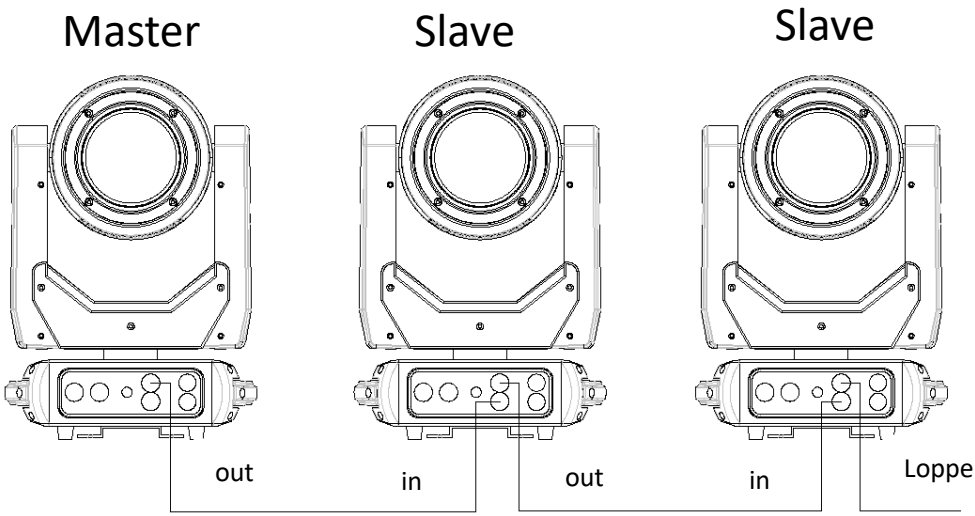
Master/Slave synchronization mode

If you need to connect multiple lamps to the master/slave synchronization mode, first connect the XLR-XLR control line from the DMX output port of the first lamp to the DMX input port of the second lamp, and from the DMX output port of the second lamp

Connect to the DMX input port of the third lamp, and so on, until all lamps are connected, and then plug the loop into the signal output port of the last lamp to complete the connection. Then the first lamp is the master, and the other lamps are the slaves.

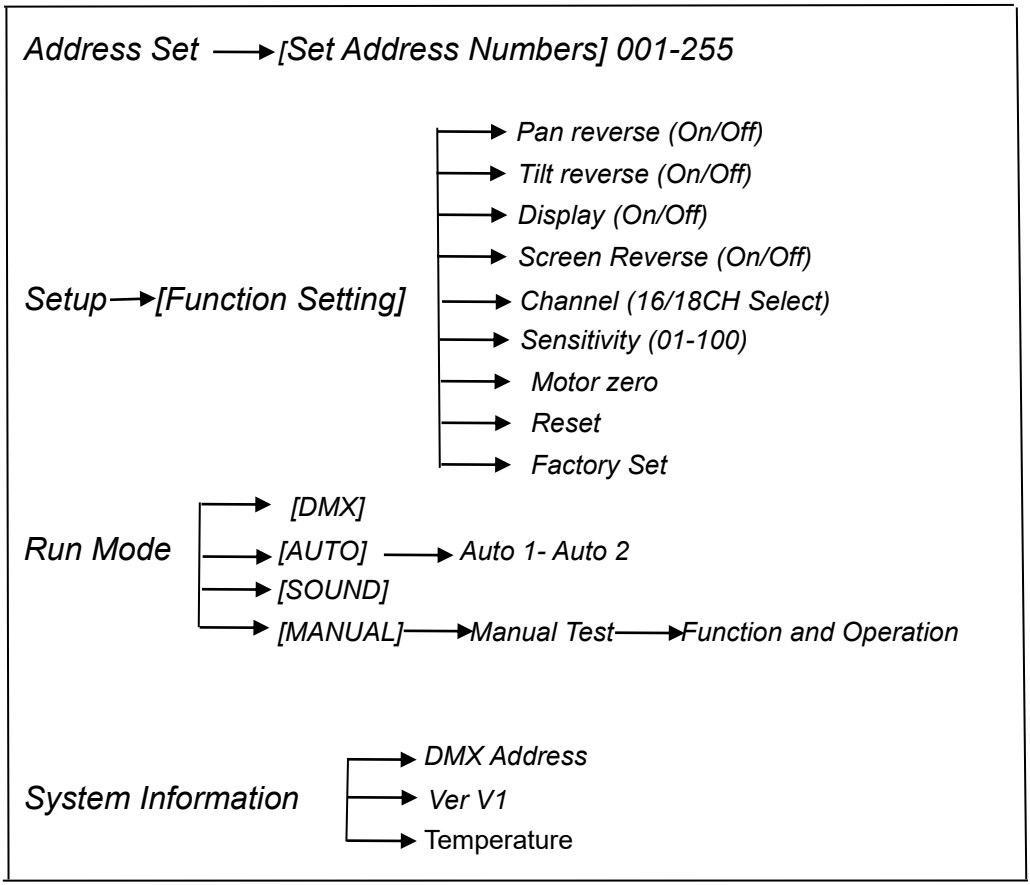
Set the address code of the slave to 001; the operating mode of the master is set to any one of the operating modes of the master, and the operating mode of the slave is set to the slave operating mode corresponding to the operation of the master.

After power on, the fixture group runs in master/slave synchronization mode.



MENU OPERATIONS

MENU



DMX CHANNEL

18/16 channel mode sheet

18CH	16CH	Function	Channel Value	Description
CH1	CH1	Pan	0-255	0-540°
CH2		Pan fine	0-255	Pan Fine
CH3	CH2	Tilt	0-255	0-270°
CH4		Tilt Fine	0-255	Tilt Fine
CH5	CH3	X, Y speed	0-255	From fast to slow
CH6	CH4	LED Dimmer	0-255	From dark to bright
CH7	CH5	LED Strobe	0-7	Turn on
			8-300	Strobe from slow to fast
			251-255	Turn on
CH8	CH6	7 color + White	0-15	White Lighting
			16-31	Color 1
			32-47	Color 2
			48-63	Color 3
			64-79	Color 4
			80-95	Color 5
			96-111	Color 6
			112-127	Color 7
			128-191	CW from slow to fast
			192-255	CCW from slow to fast
CH9		Color effect	0-10	No function

	CH7		11-209	Color fine tuning
			210-255	Color shake from fast to slow
CH10	CH8	Static gobo wheel	0-6	open
			7-13	Gobo1
			14-20	Gobo2
			21-27	Gobo3
			28-34	Gobo4
			35-41	Gobo5
			42-48	Gobo6
			49-55	Gobo7
			56-63	Gobo 8
			64-70	Gobo 8 shake
			71-77	Gobo 7 shake
			78-84	Gobo 6 shake
			85-91	Gobo 5 shake
			92-98	Gobo 4 shake
			99-105	Gobo 3 shake
			106-112	Gobo 2 shake
			113-119	Gobo 1 shake
			120-127	open
			128-191	Gobo rotate CW from slow to fast
			192-255	Gobo rotate CCW from slow to fast
CH11	CH9	7 rotation gobos +White	0-15	open
			16-31	Gobo1
			32-47	Gobo2

			48-63	Gobo3
			64-79	Gobo4
			80-95	Gobo5
			96-111	Gobo6
			112-127	Gobo7
			128-191	Gobo Rotate CW from slow to fast
			192-255	Gobo Rotate CCW from slow to fast
CH12	CH10	Gobo Rotation	0-15	open
			16-95	Gobo Rotation 0-250
			96-135	Gobo Rotating 0-90
			136-155	Gobo Rotating 0-300
			156-175	Gobo Rotating 0-360
			176-215	Gobo self-rotating CW from slow to fast
			216-255	Gobo self-rotating CCW rotating from slow to fast
CH13	CH11	Focus	0-255	Gobo hazy to clear
CH14	CH12	ZOOM	0-255	Angle from narrow to wider
CH15	CH13	Prism	0-63	Open
			64-255	Prism In
CH16	CH14	Prism Rotation	0-15	open
			16-95	Prism Rotation 0-250
			96-135	Prism Rotating 0-90
			136-155	Prism Rotating 0-250
			156-175	Prism Rotating 0-360

			176-215	Prism self-rotating CW from slow to fast
			216-255	Prism self-rotating CCW rotating from slow to fast
CH17	CH15	Frost	0-63	Open
			64-255	Frost
CH18	CH16	self-setting Program	0-7	No action
			8-131	Auto mode
			132-249	Soud mode
			250-253	Reset
			254-255	No action

TECHNICAL PARAMETER

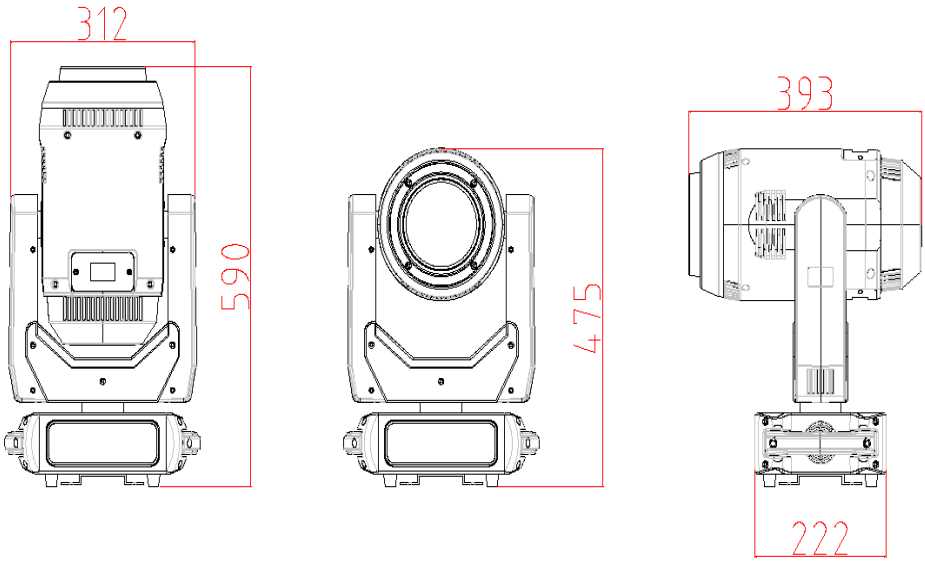
- 350W High Output White LED
- 50,000 hours lifespan and low power consumption
- Zoom angle 8°~35°, focus function
- High light output,25000LUX@5M at White light zoom in,
- 1500LUX@5M at White light zoom out
- Temperature protect function, when the internal Temperature is up to 40° then the fans begin to work, when the internal temperature is up to 70°and the brightness reduce half.
- Color Wheel: 7 colors +white, color fine tuning, rotation with variable direction and speed,with rainbow effect.
- 1 Rotation Gobo Wheel: 7 gobos + white, wheel rotation and shake,The gobo plate is Removable, it is more convenient to change the gobo
- 1 Static Gobo Wheel: 8 gobos + white, wheel rotation and shake
- Prism: 8-facet Prism, bi-directional rotatable at variable speeds

- Frost effect
- High speed strobe effect with 0.3-25 flashers per second
- Internal program available
- 16/18 DMX Channels USITT DMX-512
- DMX 512, master-slave and sound activated controllable or auto operation
- Colorful LCD display
- Efficient low noise fan cooling system
- PowerCon IN/OUT
- 3-pin & 5-pin XLR connectors IN/OUT
- Two 1/4 turn fastening Omega Clamps
- IP 20 protection rating

Specifications

- Input Voltage: AC90-260V 50/60Hz
- Light Source: 350W High Output White LED
- Control Signal: DMX 512, master-slave and sound activated or auto operation
- Control Channel: 16/18 DMX Channels USITT DMX-512
- Power Consumption: 450W
- Dimensions: 312(L)*222(W)*590(H)mm
- Packing size: 390(L)*310(W)*710(H)mm
- Net Weight: 16kg,Gross Weight: 19kg

Dimension Drawing



For Further assistance, you are requested to contact our office or authorized dealers. We are there at your service.

Thank You for Choosing Leksa Lighting:

Leksa Lighting Technologies Pvt. Ltd.
Ashwathapura Road, Moodbidri,
Mangalore – 574227, India
www.leksalighting.com
biz@leksalighting.com
+91-7899 543210