USER'S MANUAL

LED 44x10W RGBW Flood Light-IP65

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

Please consider that damages caused by manual modifications to the device are not subject to warranty.

During the operation the housing becomes hot). Allow the fixture to cool approximately 20 minutes prior to manipulate with it.

Make sure that the available voltage is not higher than stated on the rear panel.

to completely remove power from unit when not in use or before cleaning or servicing the fixture.

Make sure that the power-cord is never crimped or damaged by sharp edges. Check the device and the power-cord from time to time.

Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power-cord by the plug. Never pull out the plug by tugging the power cord.

This device falls under protection class I. Therefore it is essential to connect the yellow/green conductor to earth.

The electric connection, repairs and servicing must be carried out by a qualified employee.

Do not connect this device to a dimmer pack.

Do not switch the fixture on and off in short intervals as this would reduce the fixture³s life.

During the initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective.

Do not touch the device³s housing bare hands during its operation (housing becomes hot)!

For replacement use fixtures and fuses of same type and rating only.

1.   Operating determination

Important:

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

1.   Unpack and check carefully to ensure that there is no transportation damage before using the unit.

2.   DO install and operate by qualified operator.

3.   Be sure that no ventilation slots is blocked, otherwise the unit will be overheated.

4.   DO NOT connect the device to any dimmer pack.

5.   Keep flammable materials away from the fixture while operating to avoid fire hazard.

6.   Make sure the power cord is not crimped or damaged; replace it immediately if damaged.

7.   Unit³s surface temperature may reach up to 70℃. DO NOT touch the housing bare-handed during its operation.

8.   Please read the instruction carefully which includes important information about the installation, usage and maintenance.

9.   Avoid any flammable liquids, water or metal from entering the unit. Once it happens, cut off the mains power immediately.

10.   DO NOT operate in a dirty or dusty environment. DO clean the fixture regularly.

11. DO NOT touch any wire during operation as there might be a hazard of electric shock.

12.   Avoid entanglement of the power cord with other wires.

13.   The minimum distance to objects/surface must be more than 0.5 meter s

14.   In the event of serious operating problem, stop using the unit immediately.

15.   Never turn on and off the unit time after time.

16.   The housing, the lenses, or the ultraviolet filter must be replace d if they are visibly damaged.

17.   DO NOT open the housing as there are no user serviceable parts inside.

18.   DO NOT attempt to operate this unit if it becomes damaged. DO NOT attempt any repairs yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center if needed.

19.   Disconnect this product from its power source before servicing.

2. Attention Item

1.For guarantee the life of product,please do not use it the place over 45 degree.

2.Please don³t lay the product on the un-fixable or shakable place.

3.Ask for the professional to maintain the product in order to avoid the danger of get an electric shock.

4.Power supply should not be changed over +&-10% while the light is using,it will be decreased the life of fixture if the power is too high,but it will be influenced the luminosity if the power is too low.

5.After power off,if it is need used again,please cool down over 20 minuter.

6.Please look round the manual for ensure the product can be used normally.

3. Rigging the fixture

A structure intended for installation of the fixture(s) must safely hold weight of the fixture(s) placed on it. The structure has to be certificated to the purpose.

The fixture (fixtures) must be installed in accordance with national and local electrical and construction codes and regulation.

> For overhead installation, the fixture must be always secured with a safety wire that can bear at least 10 times the weight of the fixture

When rigging, derigging or servicing the fixture staying in the area below the installation place, on bridges,under high working places and other endangered areas is forbidden.

The operator has to make sure that safety-relating and machine-technical installations are approved by an expert before taking into operation for the first time and after changes before taking into operation another time.

The operator has to make sure that safety-relating and machine-technical installations are approved by a skilled person once a year.

Allow the fixture to cool for ten minutes before handling.

The projector should be installed outside areas where persons may walk by or be seated.

IMPORTANT! OVERHEAD RIGGING REQUIRES EXTENSIVE EXPERIENCE

including calculating working load limits, installation material being used, and periodic safety

inspection of all installation material and the projector. If you lack these qualifications, do not

attempt the installation yourself, but use a help of professional companies.

CAUTION: Fixtures may cause severe injuries when crashing down! If you have doubts

concerning the safety of a possible installation, do not install the fixture!

The fixture has to be installed out of the reach of public.

The fixture must never be fixed swinging freely in the room.

Danger of fire !

When installing the device, make sure there is no highly inflammable

material (decoration articles, etc.) in a distance of min. 1 m.

The minimum distance of 8 meters between light output from the moving head

and the lit objects must be kept!

CAUTION!

Use 2 appropriate cfixtures to rig the fixture on the truss.

Follow the instructions mentioned at the bottom of the base.

Make sure that the device is fixed properly! Ensure that the

structure (truss) to which you are attaching the fixtures is secure.

The fixture can be placed directly on the stage floor or rigged in any orientation on a truss

without altering its operation characteristics.

For securing a fixture to the truss, install two safety wires which can hold at least 10 times the

weight of the fixture. Use only the safety wires with screw-on carabines.

4.   DMX-512 connection

The fixture is equipped with both 3-pin sockets for DMX input and output.The sockets are wired in parallel.

Only use a shielded twisted-pair cable designed for 3-pin XLR-plugs and connectors in order to connect the controller with the fixture or one fixture with another.

DMX - output
XLR mounting-sockets (rear view)

1 - Shield
2 - Signal (-)
3 - Signal (+)

DMX-input
XLR mounting-plugs (rear view)

1   Shield
2   Signal (-)
3   Signal (+)

Building a serial DMX-chain:

Connect the DMX-output of the first fixture in the DMX-chain with the DMX-input of the next fixture. Always connect one output with the input of the next fixture until all fixtures are connected. Up to 32 fixtures can be connected.

Caution: At the last fixture, the DMX-cable has to be terminated with a terminator.

Solder a 120 Ω resistor between Signal (¸) and Signal (+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.

5.   Fixture installing

1.   When install and operate by qualified operator. Fixture(s) should be installed in areas outside walking paths, seating areas, or away from areas were unauthorized personnel might reach the fixture by hand. NEVER stand directly below the fixture(s) when rigging, removing or servicing.

2.   Always ensure that the unit is firmly fixed to avoid vibration and slipping off during operation. Ensure that the trussing or area of installation must be able to hold 10 times the weight without any deformation. Always attach a safety cable that can hold at least 12 times the weight of the fixture whenever installing this fixture in a suspended environment to ensure that the fixture will not fall if the clamp fails.

6. Technical Specifications

Light source parameters	
SKU：	SH-ShockFloW44A
Dimmer:	0-100% 16Bit Linear
Light Source:	44x10W RGBW4in1 color mixing LEDs
Beam Lux/5m:	2540 Lux / 5m
Beam Angle:	25°
Strobe:	Flash rate 0-25HZ
Colour temperature output:	6500~7500K
CRI:	90
Security System	
Safety Item	Over current and voltage protection
Degree Of Protection	IP65
Operating Temperature	-20℃~50℃
Interface And Control System	
Control Interface	DMX In/Out
DMX Channel	4/10/44 CH
Power Interface	PowerCon-IP65
Signaling Protocol	DMX 512,RDM,Manual mode,Stand alone,Master&slave
Cooling System	
Cooling Method	Passive heat dissipation
Heat dissipation noise:	45 dB
Power Consumption	
Working Power	AC100-240V,50/60Hz
Power Supply:	500W 14V
Working Power：	330W
Physical Parameters	
Material:	Die cast aluminum casing
Product Size	51x11x26 cm
Product Weight	7.9 kg
Package Size:	58x36x20 cm
Package Weight	9.5kg

7. Maintenance and Cleaning

It is absolutely essential that the fixture is kept clean and that dust, dirt and smoke-fluid residues must not build up on or within the fixture. Otherwise, the fixture²s light-output will be significantly reduced. Regular cleaning will not only ensure the maximum light-output, but will also allow the fixture to function reliably throughout its life.

A soft lint-free cloth moistened with any good glass cleaning fluid is recommended, under no circumstances should alcohol or solvents be used!

DANGER !

Disconnect from the mains before starting any maintenance work

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The front objective lens will require weekly cleaning as smoke-fluid tends to building up residues, reducing the light-output very quickly. The cooling-fans should be cleaned monthly. The interior of the fixture should be cleaned at least annually using a vacuum-cleaner or an air-jet. Remove dust and dirt from the fans and cooling vents using a soft brush and vacuum-cleaner.

Important! Check the air filters periodically and clean before they become clogged!

Clean two air filters placed in the fixture´s covers and two in the fixture base. Use a vacuum

cleaner, compressed air or you can wash them and put back dry.

8. Main Functions.

Lock screen and unlock：

The screen will be automatically locked if there is no operation for a long time, and can be unlocked by press [up], [down], [up], [down].

- To access the control menus , press the [MENU] button.

- Navigate the menu structure ,using the [ENTER], [UP] and [DOWN] buttons.

- To select a menu option or to confirm a selection, press the [ENTER] button.

- To return to a higher level in the menu structure without making a change

No.	Menu	Sub Menu	Value	Function
1.	DMX Address	1.DMX ADDR	000-512	DMX512 address 001-512
2.	DMX Mode	1.Channel	4CH	4 CH mode
			10CH	10CH mode
			44CH	44 CH mode
3.	Stand Alone	1.Auto	1.Auto	01-60
			2.Tempo	01-99
			3.Dimmer	000-255
		2.Sound	1.Sound	01-99
			2.Dimmer	000-255
		3.Color Macro	1.CM	Off
				Red
				Green
				Blue
				Yellow
				Pink
				Cyan
				Lime
				Orange
				Marine
				Lavender
				Candy
				Leaf
				Purple
				White
		4.Static Color	1.Dimmer	Dimmer 000-255
			2.Red	Red 000-255
			3.Green	Green 000-255
			4.Blue	Blue 000-255
			5.White	White 000-255
4.	Slave	1.Slave	On/Off	Master and slave on or off
5.	Setting	1.DMX Fail	Black	Clear signal when the fixture has no signal input
			Hold	Keep signal when the fixture has no signal input
			Auto	Auto run when the fixture has no signal input
			Sound	Sound run when the fixture has no signal input
		2.Dis Reverse	On/Off	Display Reverse on or off
		3.Backlight	On/Off	Display light on or off
		4.CH-EN	CH/EN	Set the system language
		5.T-Temp	45-80	Set temperature protection range
		6.T-Power	50-220	Set power range
		7.AutoLock	On/Off	Auto lock display on or off

		8.Power All	1.Led Sw	On/Off
			2.Red	000-255
			3.Green	000-255
			4.Blue	000-255
			5.White	000-255
		9. Sync	On/Off	Synchronize updating data on or off
		10.Factory	On/Off	Restore factory settings
		11.Curve	Line	As the DMX value linearly increases, the light intensity
			Sq-front	The higher the dimming value of DMX, the higher the accuracy
			Sq-bear	The higher the dimming value of DMX, the higher the intermediate
			S-curve	The lower the dimming value of DMX, the higher the
6.	System	1.Hardware-V	V1.0	Current version
		2.Software	V1.1	Current software version
		3.Op.Hours	xxxxH	Current runtime

9.　　Channel mode.

4 Channels Mode			
Channel	Function	Value	Detailed
CH1	Red	0-255	Red dimming dark to bright
CH2	Green	0-255	Green dimming dark to bright
CH3	Blue	0-255	Blue dimming dark to bright
CH4	White	0-255	White dimming dark to bright
10 Channels Mode			
Channel	Function	Value	Detailed
CH1	Total Dimmer	0-255	Total dimmer dark to bright
CH2	Strobe	0-255	Strobe-slow to fast
CH3	Red	0-255	Red dimming dark to bright
CH4	Green	0-255	Green dimming dark to bright
CH5	Blue	0-255	Blue dimming dark to bright
CH6	White	0-255	White dimming dark to bright
CH7	CTO	0-255	CTO
CH8	Color macro	0-255	Color macro
CH9	Effect	0-255	30 Marquee effect
CH10	Effect speed	0-255	Effect speed-slow to fast
44 Channels Mode			
Channel	Function	Value	Detailed

CH1	Red 1	0-255	Red dimming dark to bright
CH2	Green 1	0-255	Green dimming dark to bright
CH3	Blue 1	0-255	Blue dimming dark to bright
CH4	White 1	0-255	White dimming dark to bright
CH5	Red 2	0-255	Red dimming dark to bright
CH6	Green 2	0-255	Green dimming dark to bright
CH7	Blue 2	0-255	Blue dimming dark to bright
CH8	White 2	0-255	White dimming dark to bright
CH9	Red 3	0-255	Red dimming dark to bright
CH10	Green 3	0-255	Green dimming dark to bright
CH11	Blue 3	0-255	Blue dimming dark to bright
CH12	White 3	0-255	White dimming dark to bright
CH13	Red 4	0-255	Red dimming dark to bright
CH14	Green 4	0-255	Green dimming dark to bright
CH15	Blue 4	0-255	Blue dimming dark to bright
CH16	White 4	0-255	White dimming dark to bright
CH17	Red 5	0-255	Red dimming dark to bright
CH18	Green 5	0-255	Green dimming dark to bright
CH19	Blue 5	0-255	Blue dimming dark to bright
CH20	White 5	0-255	White dimming dark to bright
CH21	Red 6	0-255	Red dimming dark to bright
CH22	Green 6	0-255	Green dimming dark to bright
CH23	Blue 6	0-255	Blue dimming dark to bright
CH24	White 6	0-255	White dimming dark to bright
CH25	Red 7	0-255	Red dimming dark to bright
CH26	Green 7	0-255	Green dimming dark to bright
CH27	Blue 7	0-255	Blue dimming dark to bright
CH28	White 1	0-255	White dimming dark to bright
CH29	Red 8	0-255	Red dimming dark to bright
CH30	Green 8	0-255	Green dimming dark to bright
CH31	Blue 8	0-255	Blue dimming dark to bright
CH32	White 8	0-255	White dimming dark to bright
CH33	Red 9	0-255	Red dimming dark to bright
CH34	Green 9	0-255	Green dimming dark to bright
CH35	Blue 9	0-255	Blue dimming dark to bright
CH36	White 9	0-255	White dimming dark to bright
CH37	Red 10	0-255	Red dimming dark to bright
CH38	Green 10	0-255	Green dimming dark to bright
CH39	Blue 10	0-255	Blue dimming dark to bright
CH40	White 10	0-255	White dimming dark to bright
CH41	Red 11	0-255	Red dimming dark to bright

CH42	Green 11	0-255	Green dimming dark to bright
CH43	Blue 11	0-255	Blue dimming dark to bright
CH44	White 11	0-255	White dimming dark to bright

10. Troubleshooting

Following are a few common problems that may occur during operation. Here are some

suggestions for troubleshooting:

A. The unit does not work, no light does not work

◆　　　Check the connected power.

◆　　　Measure the voltage.

◆　　　Check the power indicator to see whether it can be lit up or not.

B. Not responding to the DMX controller

◆　　　Check whether the DMX connectors and the DMX cables are connected correctly.

◆　　　Check whether the DMX address is correctly set.

◆　　　If the intermittent DMX signal problem occurs, check whether the XLR socket and the

signal cable are well connected.

◆　　　Try it with another DMX controller.

◆　　　Check whether the DMX cables run near or alongside to the high-voltage cables, which

may damage or interfere with the signal circuit.

Package List

1.2m Power Cable x 1

1.0m Anti-interference 3-pin DMX512 Cable   x 1

User Manual x 1

Standing tripod x2

Knob of Standing tripod x2