MOXLITE

IP PARLED 715

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User Manual

KEEP THIS MANUAL FOR FUTURE NEEDS

www.moxlite.com

1 SAFETY INSTRUCTIONS

CAUTION
Becareful with your operations.With a dangerous voltage you cansuffer a dangerous electric shock when touching wires!

This device has left the factory in perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.

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.

If the device has been exposed to temperature changes due to environmental changes, do not switch it on immediately. The arising condensation could damage the device. Leave the device switched off until it has reached room temperature.

This device falls under protection-class I. Therefore it is essential that the device be earthed.

The electric connection must carry out by qualified person.

The device shall only be used with rate voltage and frequency.

Make sure that the available voltage is not higher than stated at the end of this manual.

Make sure the power cord is never crimped or damaged by sharp edges. If this would be the case, replacement of the cable must be done by an authorized dealer.

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.

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

Please don't project the beam onto combustible substances.

Fixtures cannot be installed on combustible substances, keep more than 50cm distance with wall for smooth air flow, so there should be no shelter for fans and ventilation for heat radiation.

If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

8 MAINTENANCE AND CLEANING

The following points have to be considered during the inspection:

1) All screws for installing the devices or parts of the device have to be tightly connected and must not be corroded.
2) There must not be any deformations on the housing, color lenses, fixations and installation spots (ceiling, suspension, trussing).
3) Mechanically moved parts must not show any traces of wearing and must not rotate with unbalances.
4) The electric power supply cables must not show any damage, material fatigue or sediments.

Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.

CAUTION
Disconnect from mains before starting maintenance operation.

In order to make the lights in good condition and extend the life time, we suggest a regular cleaning to the lights.

1) Clean the inside and outside lens each week to avoid the weakness of the lights due to accumulation of dust.
2) Clean the fan each week.
3) A detailed electric check by approved electrical engineer each three month, make sure that the circuit contacts are in good condition, prevent the poor contact of circuit from overheating.

We recommend a frequent cleaning of the device. Please use a moist, lint- free cloth. Never use alcohol or solvents.

There are no serviceable parts inside the device. Please refer to the instructions under “Installation instructions”.

Should you need any spare parts, please order genuine parts from your local dealer.

2 UNPACKING

The IP Par Led 715 is an IP65 rated high power outdoor LED flat par light with auxiliary effects using 7*15W 4-IN-1 RGBW LEDs+60*0.2W 3-IN-1 RGB LEDs. It's available for 2800K-5600K color temperature adjustment.

It features excellent color mixing, quiet running and flicker free control. The fixture is built in with internal dynamic effects with variable speed. The PAR also features optimum optic design integrated with extremely effective aluminum heat sink system.

The IP Par Led 715 is designed for applications as concerts, TV studios, conference halls, bars, pubs, DJ entertainment, architectural lighting projects, gardens, theme parks, etc.

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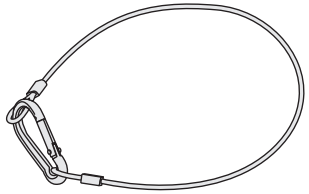

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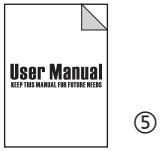

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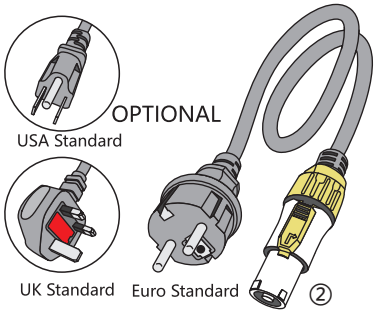

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①	IP Par Led 715	1PC
②	Power Cable	1PC
③	Signal Cable	1PC
④	Safety Cable	1PC
⑤	User Manual	1PC

3 FEATURES & SPECIFICATIONS

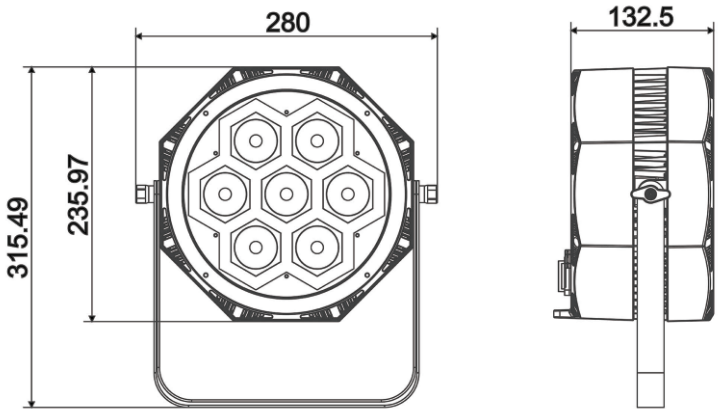
7*15W 4-IN-1 LEDs (RGBW)
60*0.2W 3-IN-1 LEDs (RGB)
Flicker free operation for broadcast TV and FILM
Life Span: 50000H
High efficiency optic system
25°Beam angle (other angles optional)
35°Field angle
High output
RGBW for main light
Smooth and pure color mixing capability
CTO, 2800K-5600K color temperature adjustment
RGB for auxiliary light
Background colors adjustable for auxiliary light
Different built-in dynamic effect with variable speed
Different preset colors
0-25Hz LED shutter/strobe effect with variable speed
0-100% Smooth linear LED dimming
9/11/16 CH DMX channels USITT DMX-512
DMX512, master-slave, sound or auto operation
DMX recorder and edit function integrated
IR Remote control
RDM available (Remote Device Management)
Wireless system as optional
Shielded input signal protection for stable signal without interference
IP65 Rated 3-pin XLR connectors IN/OUT
Electronic supply with active PFC
AC100-240V 50/60Hz
IP65 Rated PowerCON connectors IN&OUT
100W Power consumption
-25℃ to 45℃ ambient temperature
IP65 protection rating
N.W.: 5.06kg
G.W.: 5.91kg(1PCS)/25.57kg(4PCS)
Product Dimensions: 132.5(D)*280(W)*315.5(H)mm
Packing Dimensions: 360(D)*310(W)*200(H)mm (1PCS)
375(D)*655(W)*440(H)mm (4PCS)

16CH	Function	Dmx Value	Description
1	Main DIM	000 - 255	Linear 0 -100%
2	Main STROBE	000 - 003	Light OFF
		004 - 103	Strobe frequency from slow (1 flash/sec) to fast (25 flash/sec)
		104 - 107	Light ON
		108 - 207	Pulsation frequency from slow (1 flash/sec) to fast (25 flash/sec)
		208 - 212	Light ON
		213 - 225	Random Strobe at low frequency
		226 - 238	Random Strobe at medium frequency
		239 - 251	Random Strobe at high frequency
		252 - 255	Light ON
3	Main RED	000 - 255	Linear 0 -100%
4	Main GREE	000 - 255	Linear 0 -100%
5	Mian BLUE	000 - 255	Linear 0 -100%
6	Main LEMON	000 - 255	Linear 0 -100%
7	Main AMBER	000 - 255	Linear 0 -100%
8	CTO	000 - 007	CTO Off
		008 - 255	2800K-10000K
9	Mian EFFECT	0	No Function
		001 - 085	main EFFCT1
		086 - 171	main EFFCT2
		172 - 255	main EFFCT3
10	Main EFFSPD	000 - 255	Speed control of dynamic effect
11	Vice STROBE	000 - 003	Light OFF
		004 - 103	Strobe frequency from slow (1 flash/sec) to fast (25 flash/sec)
		104 - 107	Light ON
		108 - 207	Pulsation frequency from slow (1 flash/sec) to fast (25 flash/sec)
		208 - 212	Light ON
		213 - 225	Random Strobe at low frequency
		226 - 238	Random Strobe at medium frequency
		239 - 251	Random Strobe at high frequency
		252 - 255	Light ON
12	Vice RED	000 - 255	Linear 0 -100%
13	Vice GREEN	000 - 255	Linear 0 -100%
14	Vice BLUE	000 - 255	Linear 0 -100%
15	Vice EFFECT	0	No Function
		001 - 063	vice EFFECT1
		064 - 127	vice EFFECT2
		128 - 191	vice EFFECT3
		192 - 255	vice EFFECT4
16	Vice EFFSPD	000 - 255	Speed control of dynamic effect

7 DMX CHANNELS

9CH	Function	Dmx Value	Description
1	Main RED	000 - 255	Linear 0 – 100%
2	Mian GREEN	000 - 255	Linear 0 – 100%
3	Main BLUE	000 - 255	Linear 0 – 100%
4	Main LEMON	000 - 255	Linear 0 – 100%
5	Main AMBER	000 - 255	Linear 0 – 100%
6	Vice RED	000- 255	Linear 0 – 100%
7	Vice GREEN	000 - 255	Linear 0 – 100%
8	Vice BLUE	000 - 255	Linear 0 – 100%
9	CTO	000-007	CTO Off
		008-0255	2800K-10000K

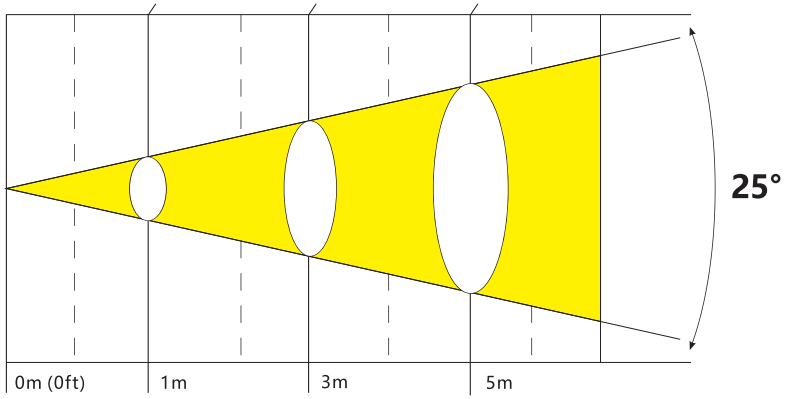
11CH	Function	Dmx Value	Description
1	Mian DIM	000 - 255	Linear 0 -100%
2	Main STROBE	000 - 003	Light OFF
		004 - 103	Strobe frequency from slow (1 flash/sec) to fast (25 flash/sec)
		104 - 107	Light ON
		108 - 207	Pulsation frequency from slow (1 flash/sec) to fast (25 flash/sec)
		208 - 212	Light ON
		213 - 225	Random Strobe at low frequency
		226 - 238	Random Strobe at medium frequency
		239 - 251	Random Strobe at high frequency
		252 - 255	Light ON
3	Main RED	000 - 255	Linear 0 -100%
4	Main GREEN	000 - 255	Linear 0 -100%
5	Main BLUE	000 - 255	Linear 0 – 100%
6	Main LEMON	000 - 255	Linear 0 – 100%
7	Main AMBER	000 - 255	Linear 0 – 100%
8	Vice RED	000 - 255	Linear 0 – 100%
9	Vice GREEN	000 - 255	Linear 0 – 100%
10	Vice BLUE	000 - 255	Linear 0 – 100%
11	CTO	000-007	CTO Off
		008-255	2800K-10000K



4 PHOTOMETRIC DATA

Photometric Beam Angle Data *25°Beam Angle LUX × 0.0929=FC*

R	1700/157	193/18	74/7	
G	6850/636	822/76	317/29	
B	353/32	43/4	18/2	
W	8380/778	1010/94	383/35	
RGBW	15830/1470	1940/180	736/68	(LUX)

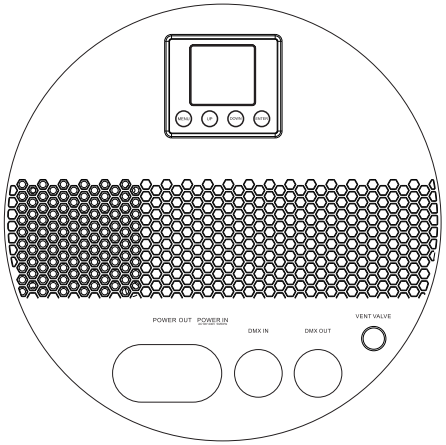


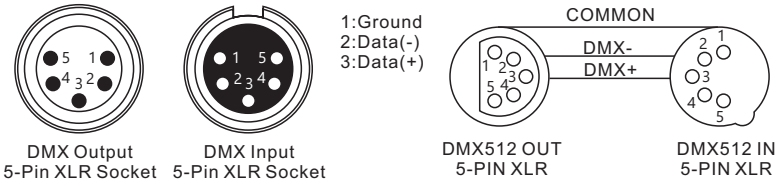
5 DMX-512 CONTROL CONNECTIONS

Connect the provided XLR cable to the female 3-pin XLR output of your controller and the other side to the male 3-pin XLR input of the archite-ctural. You can chain multiple

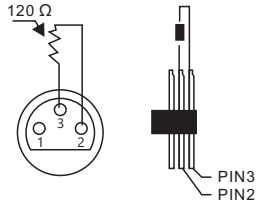
Archite-ctural together through serial linking. The cable needed should be two core, screened cable with XLR input and output connectors. Please refer to the diagram below.

DMX-512 connection with DMX terminator.





For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR plug with a 120 Ω resistor connected between pins 2 and 3,which is then plugged into the output XLR socket of the last fixture in the chain. Please see illustrations below.



6 MENU OPERATIONS

Main Menu	Second	Third	Fourth
Dmx Address	000 - 512		
Fixture	Dmx Mode	09CH/11CH/16CH	
	Run Mode	DMX / Auto/Manu	
	No Signal	Clear / Hold	
Manual	Dimmer	000 - 255	
	Main Strobe	000 - 255	
	Main Red	000 - 255	
	Main Green	000 - 255	
	Main Blue	000 - 255	
	Main Lemon	000 - 255	
	Main Amber	000 - 255	
	CTO	000 - 255	
	Main Effect	000 - 255	
	Main EffSpd	000 - 255	
	Vice Strobe	000 - 255	
	Vice Red	000 - 255	
	Vice Green	000 - 255	
	Vice Blue	000 - 255	
	Vice Effect	000 - 255	
	Vice EffSpd	000 - 255	
Information	Temperature	Head Temp	xxxC
	Software Version	Panel	Vx.xx
Factory	Password	000 - 255	
	Red	000 - 255	
	Green	000 - 255	
	Blue	000 - 255	
	Lemon	000 - 255	
	Amber	000 - 255	
Fixture Reset	Reset	Off / Run	
Display	Language	CH / EN	
	Display Flip	OFF/ ON	
	Display Mode	60s / Show	