LED Flood EX36

User Manual

LEDWSH360

LED Flood EX36

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1. Safety Instructions

FOR SAFE AND EFFICIENT OPERATION

Be careful with heat and extreme temperature.
Avoid exposing it to direct rays of sun near a heating appliance.
Do not put it in a temperature below 41°F/5°C, or exceeding 95°F/35°C.

Keep away from humidity, water and dust.
Do not place the set in a location with a high humidity or lots of dust.
Containers with water should not be placed on the set.

Keep away from sources of hum and noise
Such as transformer motor, tuner, TV set and amplifier.

To avoid placing on un-stable location
Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning
Use a dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

NO USER SERVICABLE PARTS INSIDE.
If unit is out of service please contact your point of purchase.

If any trouble arises, remove the power plug and contact your Pro Shop
representative for repair. Do not open the cabinet by yourself, it might result a
danger of electric shock.

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Take care with the power cable. Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug.
When not using the unit for an extended period of time be sure to disconnect the plug form the receptacle.

1.1. Overhead Rigging

This item must be built in a way that it can hold 10 times more of its weight for 1 hour without causing any damages. The installation must be secured with a secondary safety attachment. The Safety attachment has to be constructed in a way that no part of the installation can fall down. When rigging, de-rigging or servicing the fixture staying in the area below the installation place, on bridges, under high working places and other endangered areas is forbidden. Before taking the device in operation, the installation must be approved by an expert. The operator has to make sure that safety-relating and machine-technical installations are approved by a skilled person once a year.

IMPORTANT! OVERHEAD RIGGING REQUIRES EXTENSIVE EXPERIENCE.
Including (but not limited to) 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 installations yourself, but instead use a professional structural rigger. Improper installation can result in bodily injury and/or damage to property.

Use only professional trussing system if the item shall be lowered from the ceiling or high joists. Never let the device swing freely in a room.

CAUTION: Overhead Items may cause serious injuries!! If there is concern about the safety then DO NOT INSTALL the device.

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DANGER OF FIRE!

When installing the device, make sure there is no highly-flammable material (decoration articles, etc.) within a distance of min. 0.5m.

Mount the projector with the mounting bracket to your trussing system using an appropriate clamp.

For overhead use, always install a safety-rope that can hold at least 10 times the weight of the fixture. You must only use safety –ropes with quick links with screw cap.

Pull the safety-rope through the hole in the mounting bracket and over the trussing system or a safe fixation spot. Insert the end in the quick link and tighten the safety screw. The maximum drop distance must never exceed 20cm

A safety rope which already held the strain of a crash or which is defective must not be used again.

DANGER TO LIFE!

Before taking into operation for the first time, the installation has to be approved by an expert.

1.2. Power Connection

!! CAUTION!!

Never leave this device running unattended!! Every person that is involved with this item has to be qualified!!

Connect item with main plug. The voltage and frequency must exactly be the same as stated on the device. The power plug must always be inserted without force.

1.3. Cleaning and Maintenance

Please make sure that safety-relating and machine-technical installations are inspected by a skilled person once a year.

1. Make sure before installing that all screws are tightly connected and not corroded.
2. There must be no deformations on the housings, fixations and installations spots
3. No damages must be showed on the power supply cables, material fatigue and sediments

If the exterior of the unit is going to be cleaned, please use moist, lint free cloths. Never use alcohol or solvents.

The Cooling fan must be cleaned monthly and check to ensure it is free of obstructions.

To clean the interior of the device please use a vacuum cleaner or an air jet, however we recommend cleaning the lenses weekly to ensure the best output from your unit.

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2.0 Menu Navigation

No.	Menu level 1				Menu level 2				Remark			
1	4	-	C	H	d			1	Default：10CH, d 1			
					d	5	1	2				
2	6	-	C	H	d			1	Master-slave mode, the slave can select "d 1~~d512"			
					d	5	1	2				
3	1	0	C	H	d			1				
					d	5	1	2				
4	C	-	-									
	Static color				C			1	R			
					C			2		G		
					C			3			B	
					C			4				W
					C			5		G	B	
					C			6	R		B	
					C			7	R	G		
					C			8	R	G	B	
					C			9	R			W
					C		1	0		G		W
					C		1	1			B	W
					C		1	2	R	G		W
					C		1	3	R		B	W
					C		1	4		G	B	W
					C		1	5	R	G	B	W

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5	**P**	**-**	**-**	**P**			**1**	P1：15-color program (fading) low-high-low ；（Default：P1）
	Auto program			**P**			**2**	P2：15-color program (fading) low-high
				P			**3**	P3：15-color program (fading) high-low
				P			**4**	P4：mixing color switching
				P			**5**	P5：running P1-P4
6	**S**	**-**	**-**	**S**	**-**	**-**	**1**	（Default：S100）
	Speed			**S**	**1**	**0**	**0**	
7	**U**	**-**	**-**	**r**			**0**	Range：000-255
	Custom color				**2**	**5**	**5**	（Default：255）
				g			**0**	
					2	**5**	**5**	
				b			**0**	
					2	**5**	**5**	
				W			**0**	
					2	**5**	**5**	
8	**d**	**I**	**M**		**O**	**F**	**F**	（Default：OFF）
				d	**I**	**M**	**1**	dIM around：0.8S
				d	**I**	**M**	**2**	dIM around：1.6S
				d	**I**	**M**	**3**	dIM around：2.4S
9	**t**	**e**	**M**	**P**				
	Temperature							
10	**P**	**A**	**S**	**S**		**O**	**n**		To unlocking, please press" UP-DOWN-UP-DOWN-ENTER" step by step; If the password input is wrong, please press "ENTER" to input again.
	Password					**O**	**F**	**F**	

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3.0DMX Allocation

4 - CH	Function	Value	Percent/Setting	Remark
1	Red	000-255	0~100%	
2	Green	000-255	0~100%	
3	Blue	000-255	0~100%	
4	White	000-255	0~100%	

6-CH	Function	Value	Percent/Setting	Remark
1	Dimmer	000-255	0~100%	Dimmer available to all Channel
2	Red	000-255	0~100%	
3	Green	000-255	0~100%	
4	Blue	000-255	0~100%	
5	White	000-255	0~100%	
6	Strobe	000-010	No Function	
		011-255	0~30Hz	

10-CH	Function	Value	Percent/Setting	Remark
1	Dimmer	000-255	0~100%	Dimmer available to all Channel
2	Red	000-255	0~100%	
3	Green	000-255	0~100%	
4	Blue	000-255	0~100%	
5	White	000-255	0~100%	

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6	Strobe	000-010	No Function	
		011-255	0~30Hz	
7	Color Macro+ White Balance	000-010	No Function	
		011-030	R 100% G 0~100% B 0	
		031-050	R 100%~0 G 100% B 0	
		051-070	R 0 G 100% B 0~100%	
		071-090	R 0 G 100%~0 B 100%	
		091-110	R 0~100% G 0 B 100%	
		111-130	R 100% G 0 B 100%~0	
		131-150	R 100% G 0~100% B 0~100%	
		151-170	R 100%~0 G 100%~0 B 100%	
		171-200	R 100% G 100% B 100% W:100%	
		201-205	White 1	
		206-210	White 2	
		211-215	White 3	
		216-220	White 4	
		221-225	White 5	
		226-230	White 6	
		231-235	White 7	
		236-240	White 8	
		241-245	White 9	
		246-250	White 10	
		251-255	White 11	
8	Auto programs	000-051	No Function	
		052-101	Auto Program 1	

		102-152	Auto Program 2	
		153-203	Auto Program 3	
		204-254	Auto Program 4	
		255	Auto Program 5	
9	Auto speed	000-255	Only when CH.8 has Auto 01-05 activated	When CH8 is 052-255
10	Dimmer	000-051	Preset dimmer speed from display menu	DIM Setting
	Speed	052-101	Linear dimmer	DMX Off
		102-152	Nonlinear dimming curve1(fastest)	DIM1
		153-203	Nonlinear dimming curve2	DIM2
		204-255	Nonlinear dimming curve1(slowest)	DIM3

4.0 Photometric Data

Color	1m	LUX	3m	LUX	5m	LUX	7m	LUX	10m	LUX
R	7920		1160		422		215		105	
G	14000		2083		746		380		186	
B	2420		350		129		65		32	
W	12700		1966		677		345		169	
RGBW	35130		5300		1873		956		468	
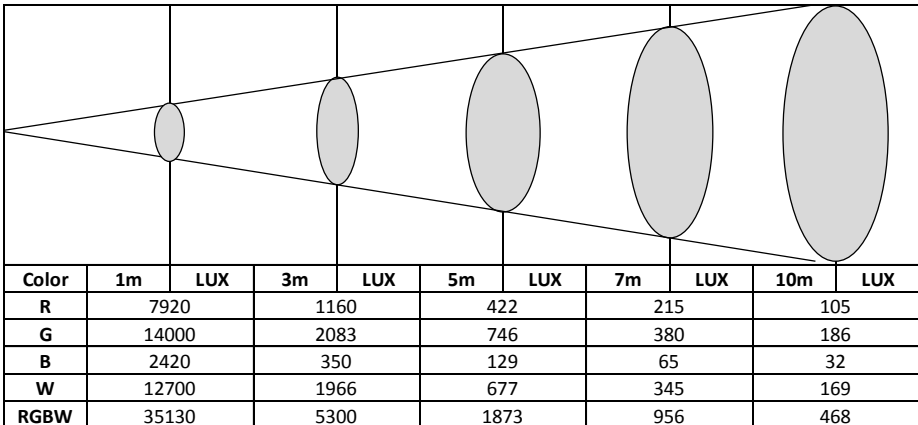
Photometric data is supplied by the manufacturer and is subject to change at anytime.

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5.0 Technical Specifications

Power supply: 100 -240 V AC, 50/60 Hz
Power consumption: 245 W
DMX control channels: 4 / 6 / 10
DMX512 connection: 5-pin XLR
Number of LEDs: 36
Type of LEDs: 8W RGBW Quad Chip
Beam angle: approx. 45°
Dimensions (LxWxH): 212 x 587 x 303mm
Weight: 11 kg
Maximum ambient temperature Ta: 45°
Maximum housing temperature TC (steady state): 50° C
Fuse: N/A
Please note: Information is subject to change without prior notice ©