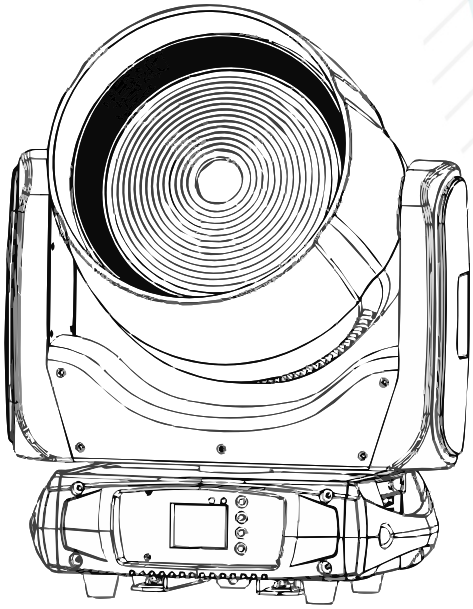
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series EVENT by FLASH

ACTOR 600FR Auralis

F7100813



User Manual

KEEP THIS MANUAL FOR FUTURE NEEDS

1. INTRODUCTION

THANK YOU FOR PURCHASING WASH MOVING HEAD **ACTOR 600FR Auralis.** FOR SAFETY REASONS AND TO ENSURE THE TROUBLE-FREE OPERATION, CAREFULLY READ THE INSTRUCTIONS.

2. SAFETY INFORMATIONS

■ Please keep this User Manual for future consultation. If you sell the fixture to another user, be sure that they also receive this instruction booklet.
■ Unpack and check carefully there is no transportation damage before using the fixture.
■ Before operating, ensure that the voltage and frequency of power supply match the power requirements of the fixture.
■ It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
■ Disconnect main power before servicing and maintenance.
■ Use safety chain when fixes this fixture. Don't handle the fixture by taking its head only, but always by taking its base.
■ During the operation the housing becomes hot. Allow the fixture to cool approximately 20 minutes prior to manipulate with it.
■ In the event of serious operating problem, stop using the fixture immediately. Never try to repair the fixture by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
■ Do not connect the device to any dimmer pack.
■ Do not touch any wire during operation and there might be a hazard of electric shock.
■ To prevent or reduce the risk of electrical shock or fire, do not expose the fixture to rain or moisture.
■ The housing must be replaced if they are visibly damaged.
■ Do not look directly at the light spot while the fixture is on.

WARNING!



WARNING! Always disconnect power input cable to completely remove power from unit when not in use or before cleaning or servicing the fixture.
WARNING! Use 2 clamps to rig the fixture. Do not hang the fixture from only one clamp. Lock each clamp with both 1/4-turn fasteners. Fasteners are locked only when turned a full 90° clockwise.
WARNING! 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.



WARNING! Position or shade the head so that the front lens will not be exposed to sunlight or any other strong light source from any angle - even for a few seconds. See Figure 2. The ACTOR 600FR Auralis lens can focused the sun's rays, creating a potential fire hazard and causing damage.
IMPORTANT! Do not point strong light output from other fixtures at the ACTOR 600FR Auralis, as intense illumination can damaged the display.

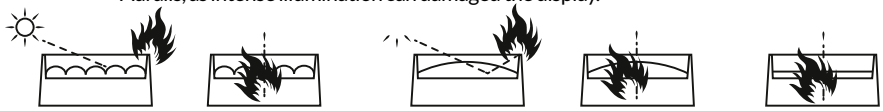


Figure 2. Lenses can focused sunlight and strong light, presenting a risk of fire and damage to the fixture. Shield or shade the head if necessary.

3. PRODUCT INFORMATION

- Light Source: 600W LED
- PAN range: 540° 16 bit
- TILT range: 270° 16 bit
- Color - LED RGBALW 16 bit, CTC 1800K - 10000K, TINT, Gel LEE library presets
- Beam angle 8°- 47°, Zoom motorized 8° - 30°
- Prism with rotation 360°
- Silent mode < 38dBA @ 1m
- Motorized Frost filter
- High-efficiency optical 200mm Fresnel lens
- 26 and 35 DMX channel mode
- 3-Pin XLR DMX input/output
- Power supply: 90-260V AC, 50-60Hz
- Power consumption: 680 W
- Net Weight: 15,5 kg
- Dimensions: H(46) x W(27) x D(38) cm

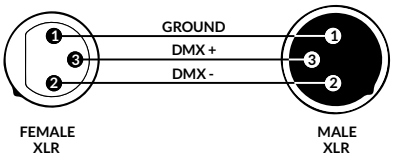
4. INSTALLATION

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 professionals. And it must be fixed at a place where is out of the touch of people and has no one pass by or under it.

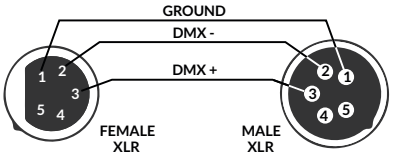
5. CONNECTION

The device is equipped with the following interfaces:

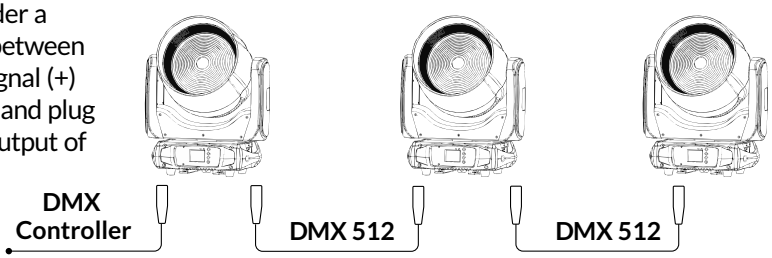
- DMX (in/out): XLR 3-pin socket
- Power (in/out): powerCON socket



5.1 Connecting DMX signal
The connection is performed using cable with XLR-female -> XLR-Male plugs.



CAUTION! At the last fixture, the DMX signal has to be terminated with a terminator. Solder a 120Ω resistor between signal (-) and signal (+) into a XLR plug and plug it in the DMX output of the last fixture.



5.2 Voltage specification

Input Voltage	Total Power	Frequency
90~260V	680W	50/60Hz

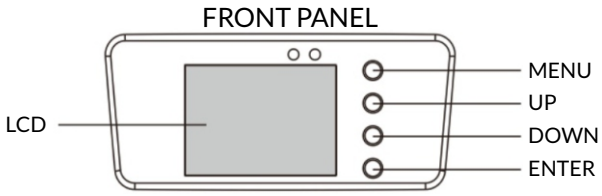
5.3 Connecting power supply

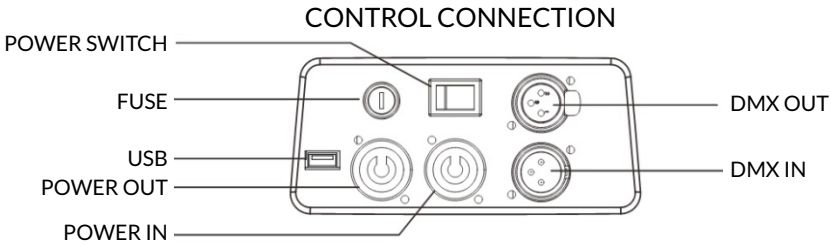
The connection is performed using power cable with PowerCon connector (included). The device must be operated by qualified personnel.

Make sure that the power grid supply parameters are consistent with device parameters and limitations are not exceeded.

CAUTION! In the case of cable damage do not attempt to repair. Replacement or repair can be made only on the manufacturer or by a person with appropriate permissions.

Using lamp, the change rate of power voltageshould be within ±10%, if the voltageis toohigh, it will shortenthe light's life; if it's not enough, the ldevice will not operate properly. Please restart it after turning off light for 20 minutes until full-cooling. Frequent switching will reduce the life span of lamps and bulbs; intermittent using will improve the life of bulbs and lamps.





6. MENU OPTIONS

MENU			Description
Function Mode	DMX Address	A001~AXXX	DMX address setting
	Channel Mode	CH35	35 Channel Mode
		CH26	26 Channel Mode
	Auto Run	Internal Program 1~9	Internal Program
		State: Master/Alone	Master/Alone
		Auto Run (On/Off)	Open Auto Run
		Slave Delay: Off/(0.1-3.2s)	Slave Delay time
	Music Run	Internal Program1~9	Internal program
		State: Master/Alone	Master/Alone
		Music Run (On/Off)	Open sound control
Options	Reset Default	Yes/No	Reset Default
	Signal Set	DMX	Wired XRL DMX
	Pan / Tilt	Reverse Pan (On/Off)	Reverse Pan
		Reverse Tilt (On/Off)	Reverse Tilt
		Select Pan 630/540/360	Pan Degree, default 540°
		Scan feedback (On/Off)	Scan Feedback
	UI SET	Mic sensitivity 0~99%	MIC sensitivity setting
		Display Invert (On/Off)	Display Invert
		OFF Signal Mode (On/Off)	OFF at original status. On at reset status when no DMX signal
		Dimmer Curve (Linear / S-Curve / Square / InvSquare)	Dimmer Curve setting, default Square
		Fan Mode (Auto/High/Mid/Low)	Fan Mode Setting, default Auto

Information	Temperature	XXX℃/℉	Current Temperature
	Software Version	V1.0~V9.9	Software Version
Manual Control	Reset	Total Reset	Total Reset
		Scan Reset	Pan/Tilt Reset
		Other Reset	Other Reset
	Channel	PAN=XXX.....	Channel Control
Advanced (Access Code 088)	Calibration	PAN=XXX.....	Calibration
	UID Code	XX XX	UID Code
	USB Upgrade		USB Upgrade
	Cal CTO	1800K=XXX	Cal CTO

Tips: Press the UP & DOWN buttons at the same time and hold for 3 seconds, LCD display reversed.

7. DMX PROTOCOL

Mode/Channel		Value	Function
CH35	CH26		
1	1		Pan
		0..255	PAN Movement
2			Pan-fine
		0..255	Fine control of Pan movement

3	2		**Tilt**
		0..255	Tilt Movement
4			**Tile-fine**
		0..255	Fine control of Tilt movement
5	3		**Speed pan/tile**
		0..225	max to min speed
		226..235	blackout by movement
		236..255	no function
6	4		**Dimmer**
		0..255	Dimmer 0%...100%
7	4		**Dimmer Fine**
		0..255	Dimmer Fine 0%...100%
8	5		**Shutter**
		0..31	Shutter closed
		32..63	shutter open
		64..95	Strobe effect slow to fast

		96..127	shutter open
		128..143	Opening pulse in sequences slow to fast
		144..159	Closing pulse in sequences fast to slow
		160..191	shutter open
		192..223	Random strobe effect slow to fast
		224..255	shutter open
9	6		**Red**
		0..255	0-100% Red dimmer from dark to bright
10	6		**Red Fine**
		0..255	0-100% Red Fine dimmer from dark to bright
11	7		**Green**
		0..255	0-100% Green dimmer from dark to bright
12	7		**Green Fine**
		0..255	0-100% Green Fine dimmer from dark to bright
13	8		**Blue**
		0..255	0-100% Blue dimmer from dark to bright
14	8		**Blue Fine**
		0..255	0-100% Blue Fine dimmer from dark to bright

15	9		Amber
		0..255	0-100% Amber dimmer from dark to bright
16	9		Amber Fine
		0..255	0-100% Amber Fine dimmer from dark to bright
17	10		Lemon
		0..255	0-100% Lemon dimmer from dark to bright
18	10		Lemon Fine
		0..255	0-100% Lemon Fine dimmer from dark to bright
19	11		White
		0..255	0-100% White dimmer from dark to bright
20	11		White Fine
		0..255	0-100% White Fine dimmer from dark to bright
21	12		GEL LIBRARY 1
		0..9	No Function
		10..11	Lee 002 Rose Pink
		12..13	Lee 007 Pale Yellow
		14..15	Lee 015 Deep Straw
		16..17	Lee 019 fire

		18..19	Lee 020 medium amber
		20..21	Lee 021 Gold Amber
		22..23	Lee 022 Dark Amber
		24..25	Lee 025 sunset red
		26..27	Lee 046 Dark Magenta
		28..29	Lee 049 Medium Purple
		30..31	Lee 058 Lavender
		32..33	Lee 068 Sky Blue
		34..35	Lee 079 Just Blue
		36..37	Lee 085 Deeper Blue
		38..39	Lee 088 Lime Green
		40..41	Lee 089 moss green
		42..43	Lee 100 Spring Yellow
		44..45	Lee 101 yellow
		46..47	Lee 102 light amber
		48..49	Lee 103 Straw
		50..51	Lee 104 DEEP AMBER
		52..53	Lee 105 Orange

		54..55	Lee 106 primary red
		56..57	Lee 108 English rose
		58..59	Lee 111 dark pink
		60..61	Lee 113 magenta
		62..63	Lee 115 peacock blue
		64..65	Lee 117 Steel Blue
		66..67	Lee 118 Light Blue
		68..69	Lee 119 dark blue
		70..71	Lee 121 lee green
		72..73	Lee 122 fern green
		74..75	Lee 124 dark green
		76..77	Lee 126 mauve
		78..79	Lee 132 Medium Blue
		80..81	Lee 136 Pale Lavender
		82..83	Lee 137 Special lavender
		84..85	Lee 138 Pale Green
		86..87	Lee 139 primary green
		88..89	Lee 142 Pale Violet

		90..91	Lee 147 apricot
		92..93	Lee 151 Gold Tint
		94..95	Lee 152 pale gold
		96..97	Lee 154 pale rose
		98..99	Lee 156 Chocolate
		100..101	Lee 164 flame red
		102..103	Lee 170 deep lavender
		104..105	Lee 174 dark steel blue
		106..107	Lee 176 loving amber
		108..109	Lee 179 chrome orange
		110..111	Lee 180 dark lavender
		112..113	Lee 181 Congo blue
		114..115	Lee 182 Light Red
		116..117	Lee 194 Surprise Pink
		118..119	Lee 195 zenith blue
		120..121	Lee 200 Double C.T. Blue
		122..123	Lee 201 Full C.T. Blue
		124..125	Lee 202 Half C.T Blue

		126..127	Lee 203 Quarter C.T. Blue
		128..129	Lee 204 Full C.T. Orange
		130..131	Lee 205 Half C.T. Orange
		132..133	Lee 206 Quarter C.T. Orange
		134..135	Lee 242 Fluorescent 4300 Kevin
		136..137	Lee 249 1/4 minus green
		138..139	Lee 323 jade
		140..141	Lee 328 Follies Pink
		142..143	Lee 343 special medium lavender
		144..145	Lee 345 fuchsia pink
		146..147	Lee 353 lighter blue
		148..149	Lee 506 Marlene
		150..151	Lee 601 Silver
		152..153	Lee 725 Old Steel Blue
		154..155	Lee 728 Steel Green
		156..157	Lee 731 Dirty Ice
		158..159	Lee 765 LEE Yellow
		160..161	Lee 777 rust

		162..163	Lee 795 Magical Magenta
		164..165	Lee 797 Deep Purple
		166..255	No Function
22	13		GELS X-FADE
		000-255	Fade from gel 1 to gel 2 0 = 100% GEL LIBRARY 1, 0% GEL LIBRARY 2 128 = 50% GEL LIBRARY 1, 50% GEL LIBRARY 2 255 = 0% GEL LIBRARY 1, 100% GEL LIBRARY 2
23	14		GEL LIBRARY 2
		0..9	No Function
		10..11	Lee 002 Rose Pink
		12..13	Lee 007 Pale Yellow
		14..15	Lee 015 Deep Straw
		16..17	Lee 019 fire
		18..19	Lee 020 medium amber
		20..21	Lee 021 Gold Amber
		22..23	Lee 022 Dark Amber
		24..25	Lee 025 sunset red

		26..27	Lee 046 Dark Magenta
		28..29	Lee 049 Medium Purple
		30..31	Lee 058 Lavender
		32..33	Lee 068 Sky Blue
		34..35	Lee 079 Just Blue
		36..37	Lee 085 Deeper Blue
		38..39	Lee 088 Lime Green
		40..41	Lee 089 moss green
		42..43	Lee 100 Spring Yellow
		44..45	Lee 101 yellow
		46..47	Lee 102 light amber
		48..49	Lee 103 Straw
		50..51	Lee 104 DEEP AMBER
		52..53	Lee 105 Orange
		54..55	Lee 106 primary red
		56..57	Lee 108 English rose
		58..59	Lee 111 dark pink
		60..61	Lee 113 magenta

		62..63	Lee 115 peacock blue
		64..65	Lee 117 Steel Blue
		66..67	Lee 118 Light Blue
		68..69	Lee 119 dark blue
		70..71	Lee 121 lee green
		72..73	Lee 122 fern green
		74..75	Lee 124 dark green
		76..77	Lee 126 mauve
		78..79	Lee 132 Medium Blue
		80..81	Lee 136 Pale Lavender
		82..83	Lee 137 Special lavender
		84..85	Lee 138 Pale Green
		86..87	Lee 139 primary green
		88..89	Lee 142 Pale Violet
		90..91	Lee 147 apricot
		92..93	Lee 151 Gold Tint
		94..95	Lee 152 pale gold
		96..97	Lee 154 pale rose

		98..99	Lee 156 Chocolate
		100..101	Lee 164 flame red
		102..103	Lee 170 deep lavender
		104..105	Lee 174 dark steel blue
		106..107	Lee 176 loving amber
		108..109	Lee 179 chrome orange
		110..111	Lee 180 dark lavender
		112..113	Lee 181 Congo blue
		114..115	Lee 182 Light Red
		116..117	Lee 194 Surprise Pink
		118..119	Lee 195 zenith blue
		120..121	Lee 200 Double C.T. Blue
		122..123	Lee 201 Full C.T. Blue
		124..125	Lee 202 Half C.T Blue
		126..127	Lee 203 Quarter C.T. Blue
		128..129	Lee 204 Full C.T. Orange
		130..131	Lee 205 Half C.T. Orange
		132..133	Lee 206 Quarter C.T. Orange

		134..135	Lee 242 Fluorescent 4300 Kevin
		136..137	Lee 249 1/4 minus green
		138..139	Lee 323 jade
		140..141	Lee 328 Follies Pink
		142..143	Lee 343 special medium lavender
		144..145	Lee 345 fuchsia pink
		146..147	Lee 353 lighter blue
		148..149	Lee 506 Marlene
		150..151	Lee 601 Silver
		152..153	Lee 725 Old Steel Blue
		154..155	Lee 728 Steel Green
		156..157	Lee 731 Dirty Ice
		158..159	Lee 765 LEE Yellow
		160..161	Lee 777 rust
		162..163	Lee 795 Magical Magenta
		164..165	Lee 797 Deep Purple
		166..255	No Function
24	15		GELS To Colors FADE

		000-255	Fade from gel Mix to Colors Mix 0 = 100% GEL LIBRARY Mix, 0% Colors Mix 128 = 50% GEL LIBRARY Mix, 50% Colors Mix 255 = 0% GEL LIBRARY Mix, 100% Colors Mix
25	16		**Color Temp**
		0..17	No Function
		18..100	1800K-10000K (1Steps 100K)
		101..255	10000K
26	17		**Tint (Green Magenta Shift)**
		0	△uv 0 (no shift - on black body curve)
		1..127	Magenta To △uv 0
		128	△uv 0 (no shift - on black body curve)
		129..255	△uv 0 To Green
27	18		**Linear Crossfade from Color To CCT whites**
		0..255	Color To CCT whites 0 -100%
28	19		**Focus**
		0..255	In(near) to out(far)
29	20		**Frost**

		0..5	Frost OFF
		6..255	Frost ON
30	21		**Prism**
		0..5	Prism OFF
		6..255	Prism ON
31	22		**Prism Rotating**
		0..127	Prism Rotating indexing
		128..189	Forwards rotation from fast to slow
		190..193	Prism rotation stop
		194..255	Backwards rotation from slow to fast
32	23		**Macro RUN**
		0..15	No function
		16..35	Macro Run 1
		36..55	Macro Run 2
		56..75	Macro Run 3
		76..95	Macro Run 4
		96..115	Macro Run 5
		116..135	Macro Run 6

		136..155	Macro Sound 1
		156..175	Macro Sound 2
		176..195	Macro Sound 3
		196..215	Macro Sound 4
		216..235	Macro Sound 5
		236..255	Macro Sound 6
33	24		**Macro Speed**
		0..255	Macro Speed from Slow To Fast
34	25		**Special function**
		0..19	No function
		20..24	FAN Auto Mode
		25..29	FAN High Speed
		30..34	FAN Mid Speed
		35..39	FAN Low Speed
		40..44	Linear Dimmer Curve
		45..49	S-Curve Dimmer Curve
		50..54	Square Dimmer Curve
		55..59	InvSquare Dimmer Curve

		60..79	No function
		80..89	All Motor reset
		90..94	SCAN Motor Reset
		95..99	ZOOM Motor Reset
		100..108	Internal program 1
		109..117	Internal program 2
		118..126	Internal program 3
		127..135	Internal program 4
		136..144	Internal program 5
		145..153	Internal program 6
		154..162	Internal program 7
		163..171	Internal program 8
		172..180	Internal program 9
		181..189	Internal Sound program 1
		190..198	Internal Sound program 2
		199..207	Internal Sound program 3
		208..216	Internal Sound program 4
		217..225	Internal Sound program 5

		226..234	Internal Sound program 6
		235..243	Internal Sound program 7
		244..252	Internal Sound program 8
		253..255	Internal Sound program 9
35	26		Internal program Delay (Refresh Run after Change Internal program)
		0..2	No Delay
		3..5	Delay of "Slave Delay Set"(From Display Panel)
		5..7	0.1s Delay
		8..15	0.2s Delay
		16..23	0.3s Delay
		24..31	0.4s Delay
		32..39	0.5s Delay
		40..47	0.6s Delay
		48..55	0.7s Delay
		56..63	0.8s Delay
		64..71	0.9s Delay
		72..79	1s Delay

		80..87	1.1s Delay
		88..95	1.2s Delay
		96..103	1.3s Delay
		104..111	1.4s Delay
		112..119	1.5s Delay
		120..127	1.6s Delay
		128..135	1.7s Delay
		136..143	1.8s Delay
		144..151	1.9s Delay
		152..159	2s Delay
		160..167	2.1s Delay
		168..175	2.2s Delay
		176..183	2.3s Delay
		184..191	2.4s Delay
		192..199	2.5s Delay
		200..207	2.6s Delay
		208..215	2.7s Delay
		216..220	2.8s Delay

		224..231	2.9s Delay
		232..239	3s Delay
		240..247	3.1s Delay
		248..255	3.2s Delay

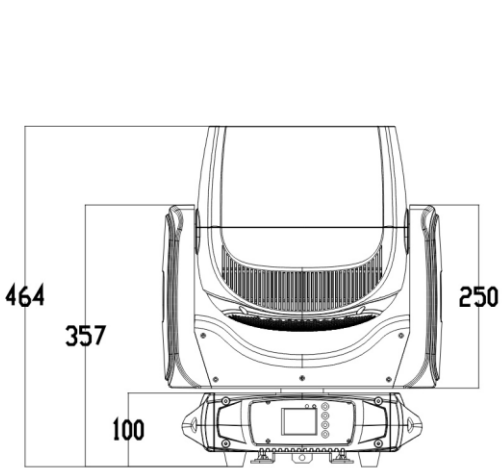
8. MAINTENANCE AND CLEANING

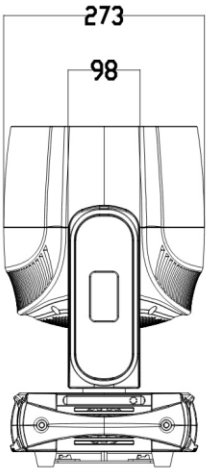
It is absolutely essential that the fixture is kept clean and that dust, dirt and smoke-fluid residues must not build up on or within the fixture. Otherwise, the fixture 's light-output will be significantly reduced. Regular cleaning will not only ensure the maximum light-output, but will also allow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

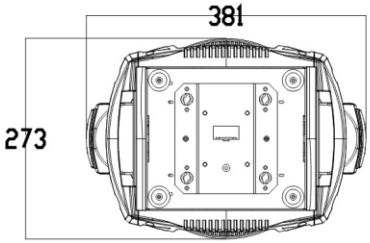
DANGER! Disconnect from the mains before starting any maintenance work!

■ The front objective lens requires regular cleaning, as smoke fluid tends to leave residues that can quickly reduce the fixture's light output. 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.
■ After replacing the air filters, reset the elapsed time counter in the menu "Information" (information- -->Air Filters- -->Elapsed Time).
■ Replacing the fuse. Before replacing the fuse, unplug mains lead.
a) Remove the fuse holder on the rear panel of the base with a fitting screwdriver from the housing (anti- clockwise).
b) Remove the old fuse from the fuse holder.
c) Install the new fuse in the fuse holder (only the same type and rating).
d) Replace the fuse holder in the housing and fix it.

9. DRAWINGS







10. FEATURES

■ Low power consumption
■ High- efficiency optical 200mm Fresnel lens
■ Linear motorized zoom 10~30°
■ Beam angle 10~47°
■ 2.5m~30m linear electric focus
■ 16-bit 0-100% Linear LED dimmer
■ 4-kinds Dimmer Curve setting
■ Selectable PWM frequency and no flickering for camera recordings
■ 25T/sec high speed LED shutter/strobe effect with variable speed
■ Preset variable macro effects,random strobe and dimming pulse effect
■ RGBALW (Red, Green, Blue, Amber, Lemon, White) 6-colors mixing and rendering system
■ Preset 78 Gel filters evolution and linear fading between each Gel color
■ Linear CCT 1800K ~10000K with High CRI >97 and R9>97
■ 1 frost filter insertable
■ 1 convex prism insertable with beam shaper endless rotation and indexable
■ 2.4" High resolution graphic LCD display with 4 control buttons
■ PowerCON IN/OUT
■ 3-Pin XLR connectors IN/OUT
■ USB upgrade port
■ Lower noise and efficient cooling fan with control mode for theater and TV Studio
■ Silent Fan mode noise level <38dBA @ 1m
■ Over heat protection management
■ IP20 protection rating
■ -35°C~45°C ambient temperature
■ 2*1/4 turn fastening Omega clamps
■ Safety attachment point



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