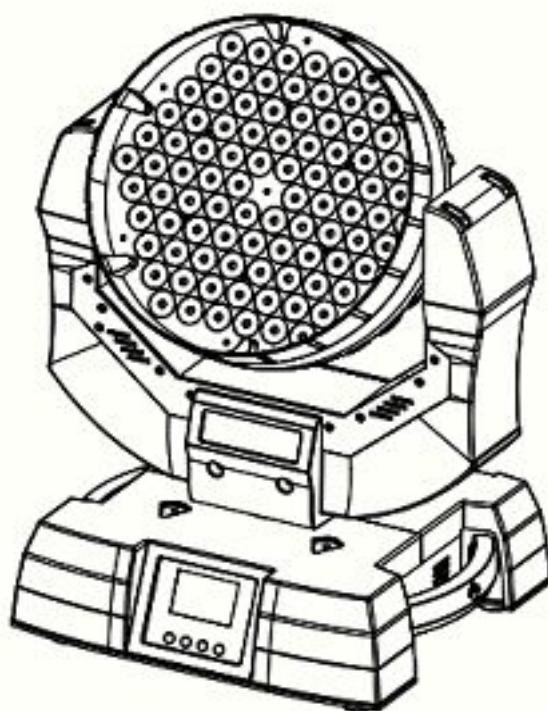


Ambition 90

OWNERS MANUAL



Ambition 90 RGB

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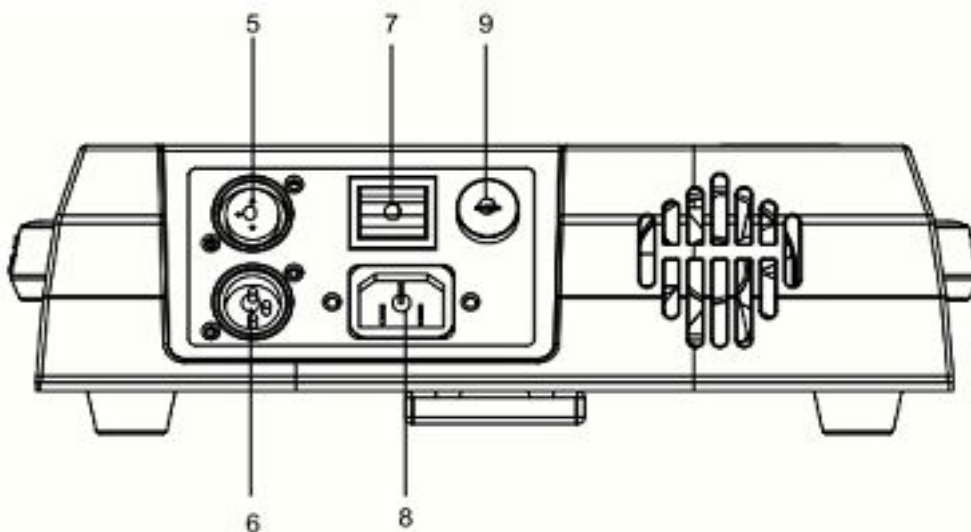
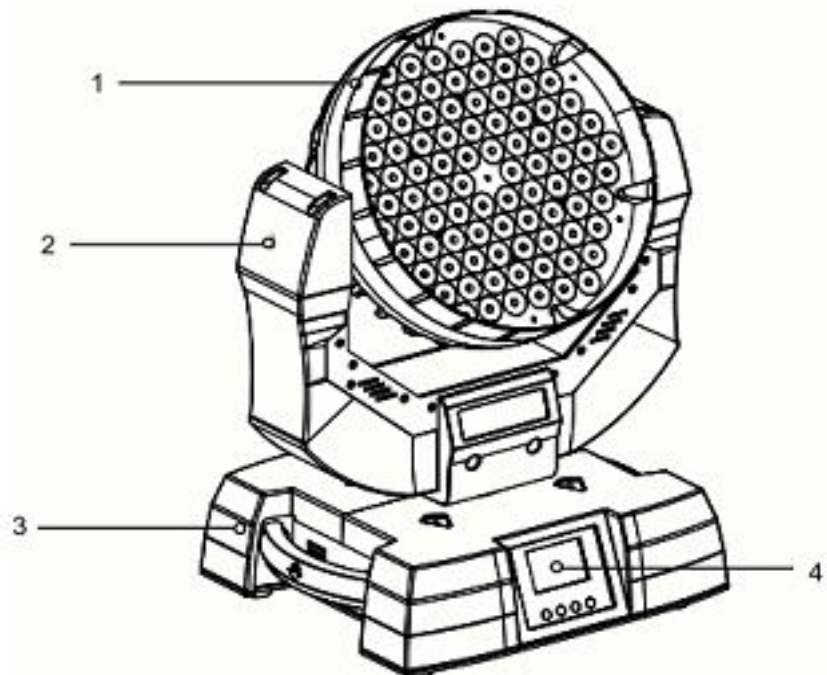
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1. Description

- 1. Head
- 2. Handle
- 3. Base
- 4. LCD Display



- 5. DMX out (3 pin)
- 6. DMX in (3 pin)
- 7. Power On/Off
- 8. Power connection (Powercon)
- 9. Safety device (6 x 30 mm , 7A)

1.1 Safety references



The ambition 90 is professional High carousing product. In order to make a smooth enterprise possible, it is to be considered necessarily the following references. The manufacturer of this headlight does not take over a warranty with inappropriate treatment. Any warranty claim expires when opening the housing.

1. Safe it itself that before start-up of the headlight all exhausts and air intakes are freely and not Blocked
2. Place the head freely to surely move can, in the complete work area. A safety margin from 0,5m to any inflammable parts must be kept. von 0,5m
3. Note! Affect the equipment during it are switched on never. This can lead to injuries and to death.
4. The system does not contain any maintenance parts. Not opening!
5. Before the optics is exchanged, the equipment must be separated 15 minutes from the net. Pay attention to hot parts!
6. Look never directly into the ray of light or into an LED Use never optical measures with a distance from less than 0.5 M. LED Class 2M. They risk serious injuries of their eyes.



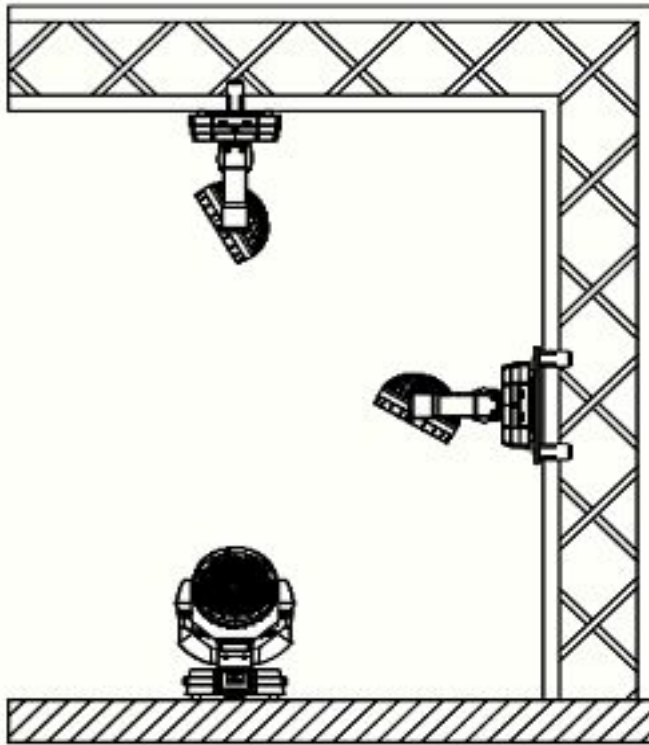
Note: LED class 2M can draw serious injuries of their eyes, if you do not keep optical aids or a distance from 0,5 m.7.

7. In order to ensure a safe enterprise, you should obey the references in chapter 2. The enterprise ambition 90 without a security, is forbidden under punishment.
8. Repair, maintenance and installation works should be accomplished only by an authorized specialist dealer.
9. Use excluding Original spare parts. When structural changes any warranty claims.

2. Preparation and installation

2.1 Assembly

The ambition 90 it can be operated in each position all the same whether hanging, standing or horizontal fastens. Keep a safety margin from 0,5m to inflammable materials

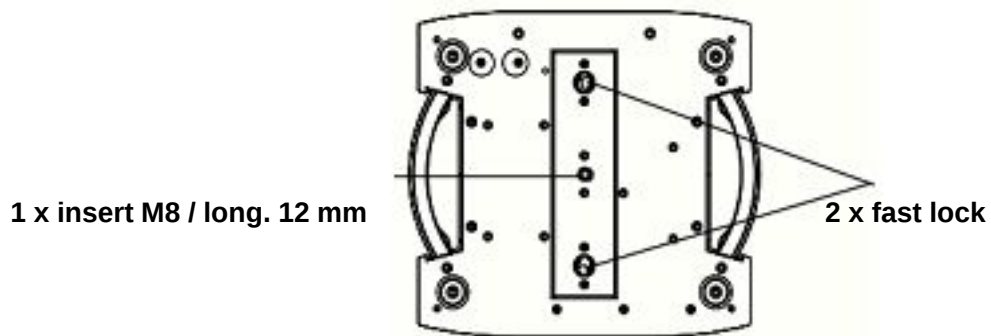


Pay attention to the regulations of the CE-standard.

There is available different attachment ambition 90. Only so a safe and normal installation can take place.

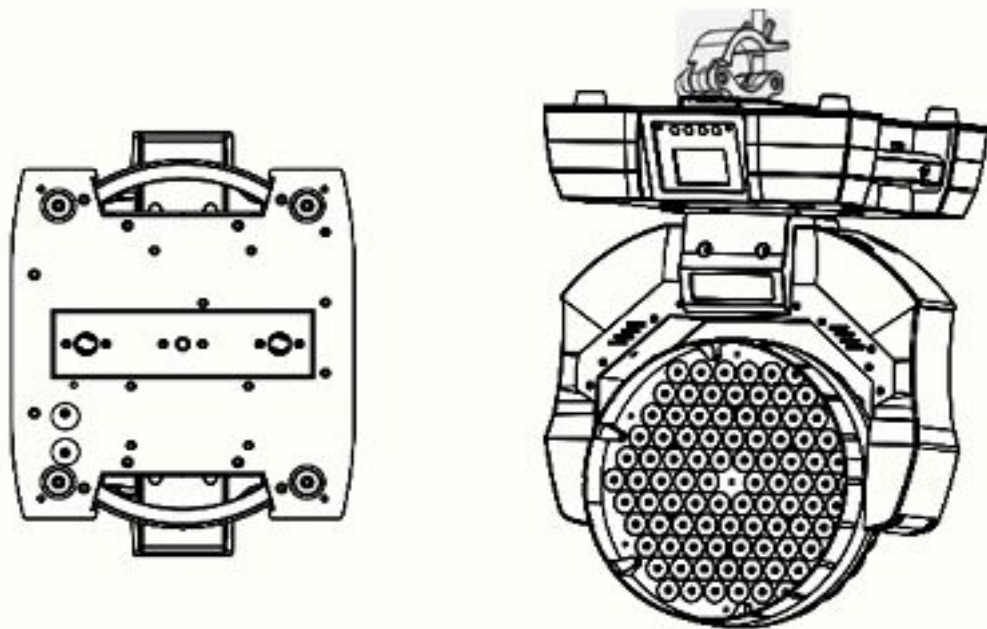
They find the special connections, for the assembly, on the lower surface of the cousin. The front of the headlight is marked front with a sticker „“, falls this is important for the installation.

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2.1.1 Assembly hanging

In order to operate the ambition 90 in hanging position, a help Coupler should be used, which is fastened directly on the lower surface of the headlight, to be used. It can be fastened with a screw M8x12mm.



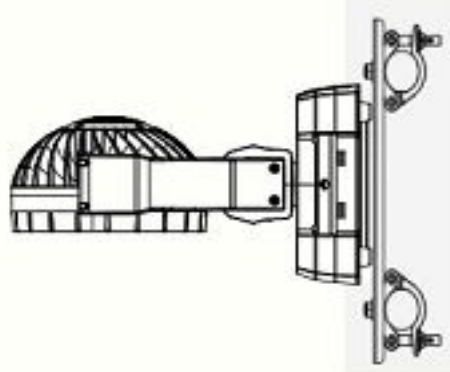
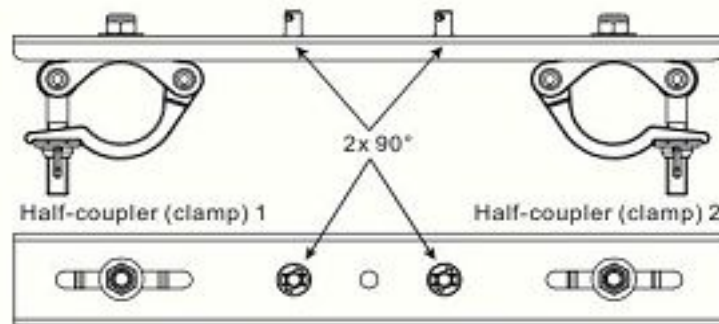
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2.1.2 Assembly horizontal

In order to operate the ambition 90 in horizontal position, you should use the Mounting bar. This is fastened with two Camlock catches. With two help-coup-learn can the headlight now to the Trussing be fastened. The Mounting bar permits to fasten it the headlight between two Trusses.

Never use the Mounting bar in hanging position!

If you fasten the headlight in horizontal position without Mounting bar, the system cousin can damage and can to the loss of the headlight lead.



without mounting bar

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2.2 Secure the headlight

Independently of the position of the assembly, you must accomplish ambition 90 a security. But you must lead a Safety by the safeguard eyes on the lower surface to secure and the headlight at the Trussing. Make sure that the Safety can carry at least 10 times of the headlight. Use never defective Safety!

2.3 Connections

2.3.1 Power connection

100-240 V of AC, 50-60 cycles per second, type of connection: Powercon, power input 350W, safety device: F8A (5x20 mm)

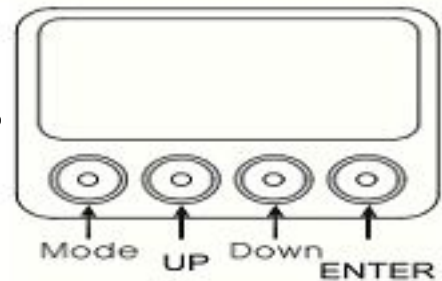
Separate the equipment from the net, before you exchange the safety device.
Use only one safety device, which corresponds to the upper description.

2.3.2 DMX

Connection: XLR 3 pin, standard DMX 512 in/out
pin 1 = mass/pin 2 = (-)/pin 3 = (+)
the DMX addressing starts with the DMX address [001].

3. Menu Guide

They find the Display at the side of the arm.
It permits to meet you all necessary attitudes
ambition 90. With „the mode “keys arrive you
into the main menu. There you can navigate keys with „the UP
“and „down “. Press „the Enter “key
over in the menu forward to arrive or their
attitudes store. The display shows now „OK ONE “.
Press „the mode “key around the input to break off
and back at the menu arrive.



← MODE - ENTER →

Function Mode	Set DMX Address	A001~AXXX	
	Value Display	PAN Moving.....	
	Set To Slave	Slave1,Slave2,Slave3	
	Auto Program	Master / Alone	
	Music Control	Master / Alone	
Information	Time Information	Current Time	ON/OFF
		Total Run Time	ON/OFF
		Clear Fixture Time	ON/OFF
	Temp. Information	Base Temp	ON/OFF
		Near Lamp Temp	ON/OFF
Personality	Product Info.	Logo Unit Model, VerXX Company WEB	
	Status Settings	Addr. Via DMX	ON/OFF

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Personality	Pan Reverse	No DMX Status	Close/ Hold /Auto/Music/
		Pan Reverse	ON/OFF
		Tilt Reverse	ON/ OFF
		Fine Resolution	ON /OFF
		Feedback	ON /OFF
		Mic Sensitivity	70% , 0~99%
	Fans Control	Auto Fans Speed	
		High Fans Speed	
		Low Fans Speed	
	Display Set	Dis Close Time	05 M , 02-59M
		Celsius /Fahrenheit	
	Reset Default	ON/ OFF	
	Reset All		
	Reset Pan/Tilt		
Effect Adjust	Test Channel	PAN Moving	
	Calibrate Values	--Password--	Password=XXX
		PANwheel	PAN wheel=XXX

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4. DMX Chart

<u>Channel 1 - PAN Movement 8 bit</u>	
<u>Channel 2 - PAN Movement fine</u>	
<u>Channel 3 - TILT Movement 8 bit</u>	
<u>Channel 4 - TILT Movement fine</u>	
<u>Channel 5 - PAN/TILT Movement Speed</u>	
0-255	Speed Min-Max
<u>Channel 6 - Farbrad</u>	
0-15	Blackout
16-31	Red
32-47	Green
48-63	Blue
64-79	Yellow
80-95	Magenta
96-111	Cyan
112-127	White
128-143	Automatic Program 1
144-159	Automatic Program 2
160-175	Automatic Program 3
176-191	Automatic Program 4
192-207	Automatic Program 5
208-223	Automatic Program 6
224-239	Automatic Program 7
240-255	Automatic Program 8
<u>Channel 7 - Speed color wheel of programs</u>	
0-255	Speed 0-100%
<u>Channel 8 - Red:</u>	
0-255	Red (0 - Black, 255 -100%)
<u>Channel 9 - Green:</u>	
0-255	Green (0 - Black, 255 -100%)

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<u>Channel 10 - Blue:</u>	
0-255	Blue (0 - Black, 255 -100%)
<u>Channel 11 - Strobe</u>	
0	Shutter Open (no function)
1-95	Strobe from slow to fast
96-127	Shutter Open (no function)
128-159	Effect in sequences pulses
160-191	Shutter Open (no function)
192-223	Random Strobe from 0 - max.
224-255	Shutter Open (no function)
<u>Channel 12 - Reset und internal Program</u>	
0-19	DMX Standart Control
20-79	No function
80-87	Reset
88-99	No function
100-119	Internal Program 1
120-139	Internal Program 2
140-159	Internal Program 3
160-179	Internal Program 4
180-199	Internal Program 5
200-219	Internal Program 6
220-239	Internal Program 7
240-255	Internal Program 8
<u>Channel 13 - Dimmer</u>	
0-255	Dimmer 0-100%

5. Maintenance and cleaning

The ambition 90 is a system with very small maintenance costs. Only necessarily the air of in and discharge openings is to be cleaned and if necessary. to clean the LED lenses. As a normal enterprise to ensure, it is absolutely necessarily to be regarded clean the headlight and by dust to keep dirt and nebula fluids far. On the other hand the luminous efficiency of the headlight decreases occasionally significantly. Regular cleaning cannot prevent a loss of the luminous efficiency, made possible however a smooth enterprise over the entire period of operation

Use for the cleaning only a light cloth also little glass cleaner.
Uses in no case alcohol or solvents for the cleaning

5.1 Safety references

Take the power supply plug off!
Wait min. 15 minutes after the enterprise off, before you begin with maintenance.

The contamination of the headlight depends on the circumstances of the enterprise.
Therefore one does not know guidelines for maintenance setting up
The following guidelines set up by us with our normal tests.

POSITION	INTERVAL	Aid
LED lenses and optical system	Weekly	Gentle cloth without Fusel
Exhaust and cooling ducts	Monthly	Mammal, air pressured.

Attention:

- . Never bring the optical system in connection with oil or fat.
- . Wait to all parts drying are, before you take the equipment again in enterprise
- . Never affect the lenses with the bare fingers.

6. Technical specifications

30 Led's per color, wavelength co-ordinate for a maximum at color compatibility	
Optical System:	
Highly efficient gun sight suspension	
Reflected beam angle 15° (25° optional)	
Strobe Effect (1-10 Flashes per Second), Random Strobe, Pule Effect	
Dimmer: 0-100%	
DMX Control	
DMX 512 USITT- Standard XLR 3 pin (+)=Pin 3 (-)=Pin2 (Masse)=Pin1	
Addressing off DMX Address [001]	
Pan /Tilt (8/16 Bit)	
Pan	630°
Tilt	330°
Dimension and weight Width	
of the Base	250 mm
Length of the Base	320 mm
Height (head vertical) Weight	425 mm
	8.9 kg

Ambition 90

~~Dealer:~~

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