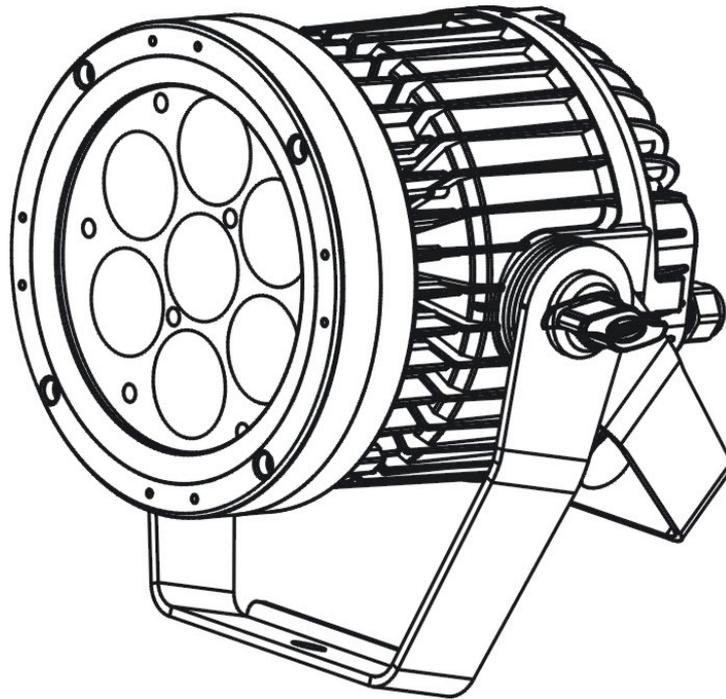


**AMERICAN
PRO** Products

<http://www.americanpro-audio.com>

User Manual

Paint 7
NEO



KEEP THIS MANUAL FOR FUTURE NEEDS



Thank you for your patronage. We are confident that our excellent products and service can satisfy you. For your own safety, please read this user manual carefully before installing the device.

In order to install , operate, and maintain the lighting safety and correctly. We suggest that the installation and operation should be done by the verified technician and follow the instruction strictly.



CAUTION!

Unplug mains lead before opening the housing.

Every person involved with the installation, operation and maintenance of this device has to:

- be qualified
- follow carefully the instructions of this manual

INTRODUCTION:

Thank you for having chosen this professional LED lighting.
You will see you have acquired a powerful and versatile device.
Unpack the device. Inside the box you should find:

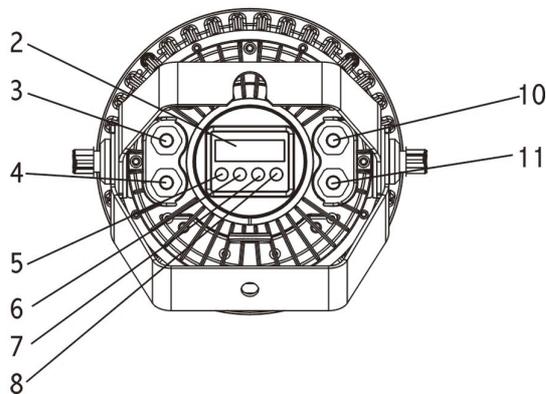
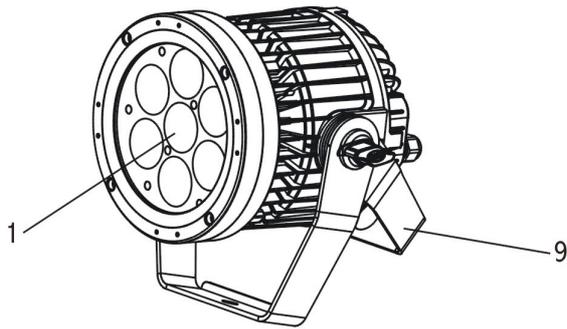
1. Two XLR waterproof connection cables
2. One waterproof power cables
3. One safety rope
4. Manual

Please check carefully that there is no damage caused by transportation. Should there be any, consult your dealer and don't install this device.

1. FEATURES

- Equipped with 7 x 10W RGBW four color leds
- 100 000 hours LED life
- 4 DMX channel mode: 4/5/6/8/28 channels
- Strobe-effect with 1-18 flashes per second
- Stepless RGBW colour changing
- Programmable color-change speed and strobe effect
- 4 digit LED display
- Display: Can be changed 180° reverse to fit for different installation position
- DMX-controlled operation or stand alone operation with Master/Slave-function
- Software-upload by optional accessory via DMX line

2. FIXTURE OVERVIEW



- 1) LEDs
- 2) Display
- 3) Power output
- 4) DMX output
- 5) Menu-button
- 6) Up-button
- 7) Down-button
- 8) Enter- button
- 9) Floor-stand
- 10) Power input
- 11) DMX-input

3. SAFETY INSTRUCTIONS

3.1) Important safety warns



CAUTION!

Be careful with your operations. With a dangerous voltage you can suffer 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.

If protection screen, lens or ultraviolet screen in the fixture is apparently damaged or is damaged to exceed their own effective degree, such as cracked and gashed, it must be replaced. The electric connection must carry out by qualified person.

No move at operating mode.

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.

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.

	CAUTION! Never touch the device during operation! The housing may heat up
	CAUTION! Never look directly into the light source, as sensitive persons may suffer an epileptic shock.

Please be aware that damages caused by manual modifications to the device are not subject to warranty. Keep away from children and non-professionals.

3.2) GENERAL GUIDELINES

This device is a lighting effect for professional use on stages, in discotheques, theatres, etc., the device was designed for indoor and outdoor use.

This fixture is only allowed to be operated with the max alternating current which stated in the technical specifications in the last page of this manual.

Lighting effects are not designed for permanent operation. Consistent operation breaks may ensure that the device will serve you for a long time without defects.

Do not shake the device. Avoid brute force when installing or operating the device.

While choosing the installation-spot, please make sure that the device is not exposed to extreme heat, moisture or dust. Please don't project the beam onto combustible substances. The minimum distance between light-output from the projector and the illuminated surface must be more than 0.5 meter. If you use the quick lock cam in hanging up the fixture, please make sure the quick lock fasteners turned in the quick lock holes correctly.

Operate the device only after having familiarized with its functions. Do not permit operation by persons not qualified for operating the device. Most damages are the result of unprofessional operation.

Please use the original packaging if the device is to be transported.

For safety reasons, please be aware that all modifications on the device are forbidden.

If this device will be operated in any way different to the one described in this manual, the product

may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to short-circuit, burns, electric shock, lamp explosion, crash, etc.

4. INSTALLATION INSTRUCTIONS

4.1) Mounting the device

	CAUTION! Please consider the GB7000.1-2007,GB7000.217-2008 and the other respective national norms during the installation. The installation must only be carried out by a qualified person.
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The applicable temperature for the lighting is between -10°C to 45°C. Do not use the lighting under or above the temperature.

The installation of the effect has to be built and constructed in a way that it can hold 10 times the weight for 1 hour without any harming deformation.

The installation must always be secured with a secondary safety attachment, e.g. an appropriate safety rope.

Never stand directly below the device when mounting, removing or servicing the fixture.

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

These installations have to be approved by a skilled person once a year.

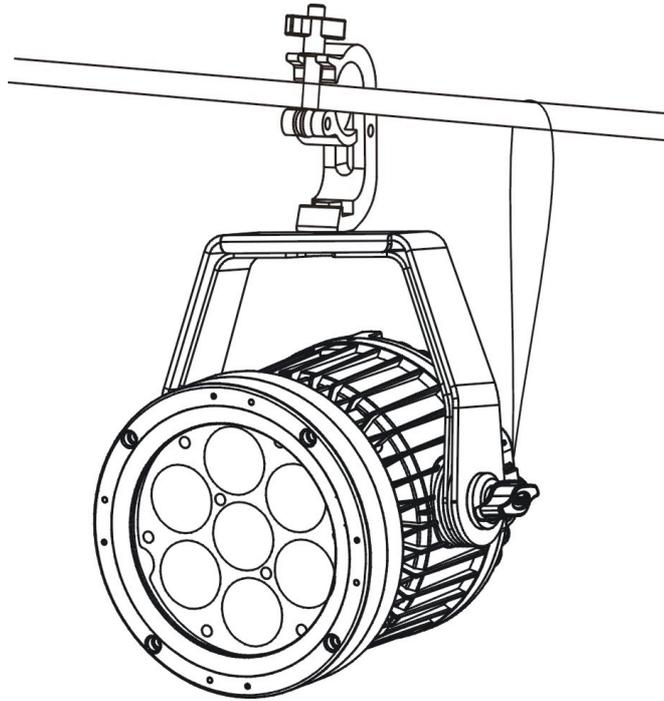
Overhead mounting requires extensive experience, including amongst others calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the device. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury.

	CAUTION! The electric connection must only be carried out by a qualified electrician.
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Before mounting make sure that the installation area can hold a minimum point load of 10 times the device's weight.

Connect the fixture to the mains with the power plug.

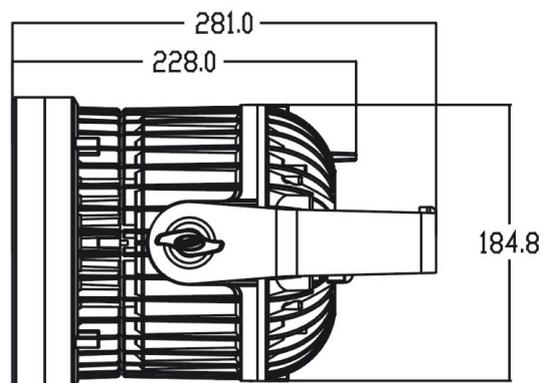
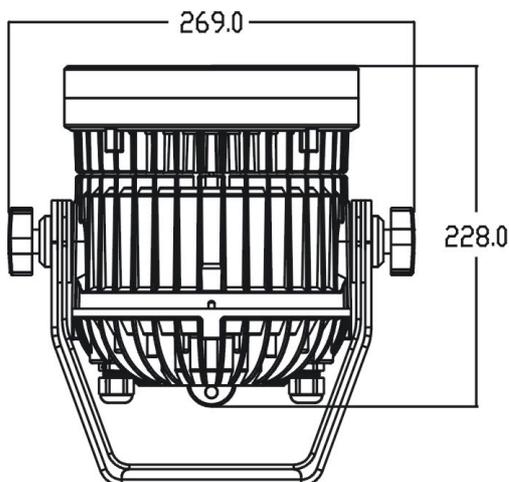
Installation via the Omega holders:



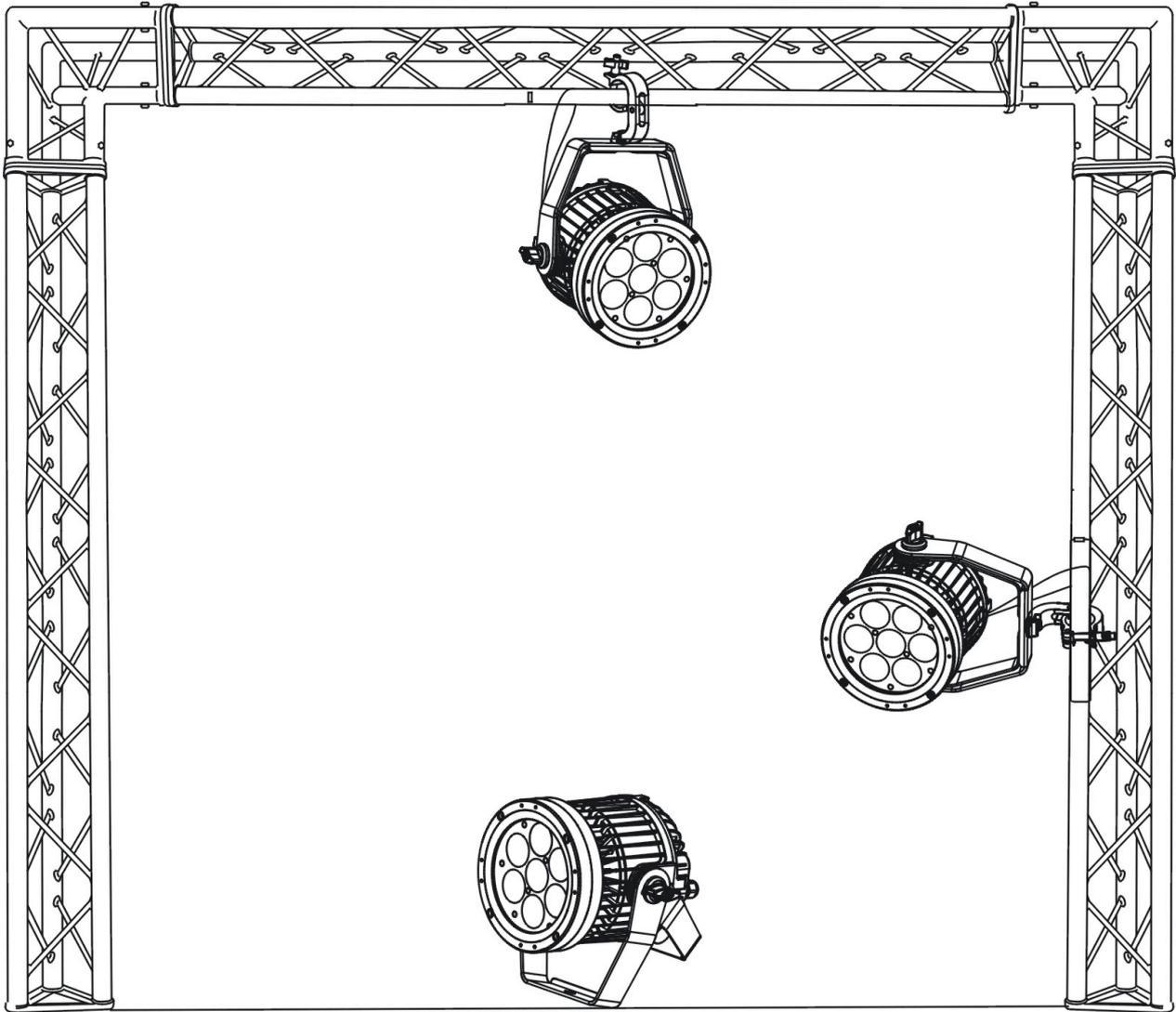
Fixed the clamp on the bracket by tighten up the M12 screw on the bracket to the $\Phi 13$ hole in the middle of the bracket. Pass the safety rope through the connecting hole under the side panel, hanging on the fixed bracket or other fixed station, and can also be floor-mounted(or on any other flat surface) without fixing, remaining steady no matter what the angle of the head. Fully operational in any mounting position, hanging upside-down, side mounted, or set on a flat level surface, etc. When clamp mounting; always use and install the supplied safety cable as an added safety measure to prevent accidental damage in the event of a clamp failure. Be sure this fixture is kept at least 0.1m away from any flammable materials (decoration etc.).

Notice: this step is quite important to ensure that the fixture will not drop out by the damage of the clamp.

Layout Drawings:



Layout Drawings:



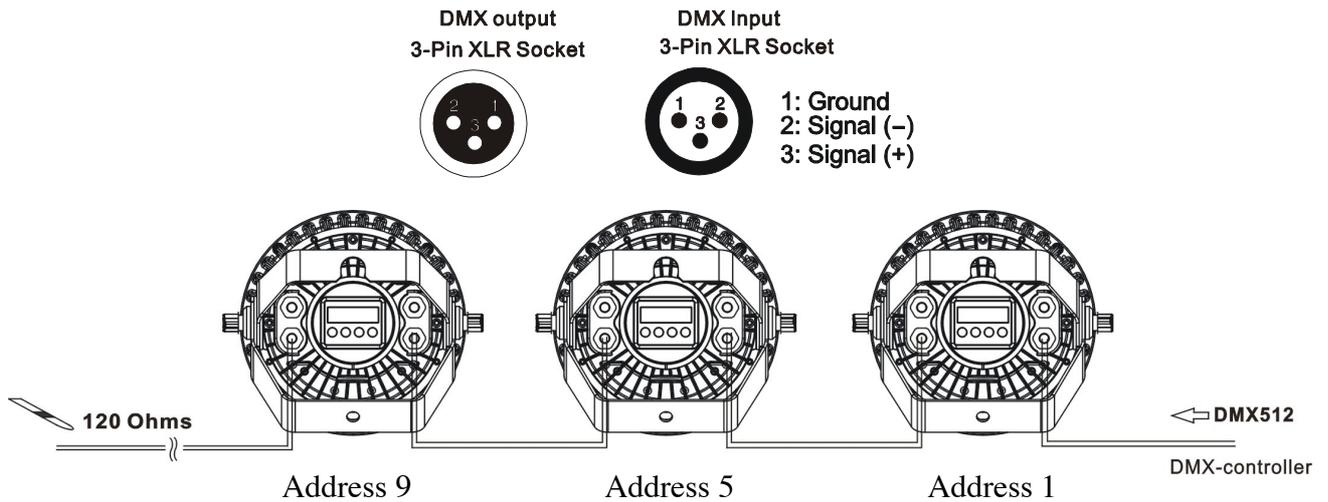
Mounting points

Be sure this fixture is kept at least 0.5m away from any flammable materials (decoration etc.). Always use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails.

Overhead mounting requires extensive experience, including amongst others calculating working load limits, a fine knowledge of the installation material being used, and periodic safety inspection of all installation material and the fixture. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury.

5. DMX-512 control connection

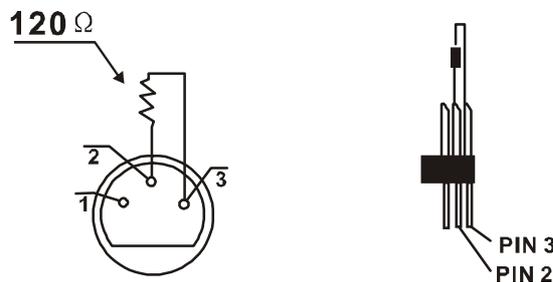
Connect the provided XLR cable to the female 3-pin XLR output of your controller and the other side to the male 3-pin XLR input of the moving head. You can chain multiple Moving head together through serial linking. The cable needed should be two core, screened cable with XLR input and output connectors. Please refer to the diagram below.



Please note: to ensure maximal stability, when the voltage is 120V, only six devices may be connected together in this manner! From the seventh device, please connect to power supply to get power for the second link; when the voltage is over 220V, only twelve devices may be connected together in this manner! From the thirteen device, please connect to power supply to get power for the second link.

6. 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.



7. Projector DMX start address selection

All fixtures should be given a DMX starting address when using a DMX signal, so that the correct fixture responds to the correct control signals. This digital starting address is the channel number from which the fixture starts to “listen” to the digital control information sent out from the DMX controller. The allocation of this starting address is achieved by setting the correct number on the display located on the base of the device.

You can set the same starting address for all fixtures or a group of fixtures, or make different address for each fixture individually.

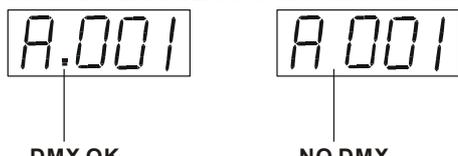
If you set the same address, all the units will start to “listen” to the same control signal from the same channel number. In other words, changing the settings of one channel will affect all the fixtures simultaneously.

If you set a different address, each unit will start to “listen” to the channel number you have set, based on the quantity of control channels of the unit. That means changing the settings of one channel will affect only the selected fixture.

In the case of the move head, which is a 4 channel fixture, you should set the starting address of the first unit to 1, the second unit to 5 (4 + 1), the third to 9 (4 + 5), and so on.

Note:

The modes of DMX 512 data are shown via the display:



1. After switching on, the device will automatically detect whether DMX 512 data is received or not. If the data is received, the display will show "A.001" with the actually set address. If there is no data received at the DMX-input, the display will flash "A001" with the actually set address.

This situation can occur if:

- the 3 PIN XLR plug (cable with DMX signal from controller) is not connected with the input of the device.
- the controller is switched off or defective, if the cable or connector is defective or the signal wires are swap in the input connector.

It's necessary to insert the XLR termination plug (with 120 Ohm) in the last lighting in the link in order to ensure proper transmission on the DMX data link.

8. Control Board

There are four keys on the control panel , which could be used to set the address, turn ON/OFF, operating the program and reset.

[MENU] press this key to enter into edit mode. Press this key under the edit mode if you want to return to previous Mode/Esc. it will exit from edit mode 60 seconds after the last keypress

[UP] screen will flash when pressing this key in normal mode, the adress value will increasing. Keep pressing this key, the address value will increase rapidly. it will exit from flash 60 seconds after the last keypress. Press this key under edit mode, you can choose the function you want from the buttom up in the Mode/Esc.

[DOWN] screen will flash when pressing this key in normal mode, the adress value will idecreasing. Keep pressing this key, the address value will decrease rapidly. it will exit from flash 60 seconds after the last keypress. Press this key under edit mode, you can choose the function you want from the top down in the Mode/Esc.

[ENTER] this key is functionless when in normal mode. Press this key under the edit mode, it will enter into next Mode/Esc.

Display menu

MODE		VALU	A001~AXXX (AXXX)	DMX address setting
	<ADDR>	SLAV	ON/OFF	Set as Slave
		RDMX	ON/OFF	Change address via DMX
	<RUN>	AUTO	ALON/MAST	Run Auto program
	<DISP>	VALU	D-XX D-00(DXXX)	Display DMX value
		FLIP	ON/OFF	Flip display
		D ON	ON/OFF	Delay shutting off LED display

		LOCK	ON/OFF	Key lock (Press the MODE/ESC button for 3 seconds to activate)	
SET	<CHAN>	4CH/5CH/6CH/8CH/28CH		DMX channel Mode	
	<FAIL>	OFF/HOLD/AUTO		Status while there is no DMX	
	<DFSE>	ON/OFF		Default setting	
	<POHO>	ON/OFF		Power on to preserve the MANL settings	
	<VER>	V-1.0~V-9.9		Software version	
MANL	STRB :	S XXX(000~255) :		Manual adjust intensity Manual adjust intensity.	
TIME	<LIFE>	0000~9999(HOURS)		Life time of machina running	
	<CODE>	CXXX		Passord of clear time "038"	
	<CLFE>	ON/OFF		Clear machina running time	
EDIT	<STEP>	S-01~S-48		Select steps of program	
	REC.	RE.XX		Auto Save Scene	
	<SC01> ~<SC48>	STRB :	S XXX(000~255) :		Edit the internal scenes
		FADE	XXX		
		TIME	XXX.X(000.1S~999.9S)		
CEDT		ON/OFF			

Default settings shaded

Main functions:

MODE - SET - MANL - TIME - Edit

MODE - Main menu

1. Press [MENU] to enter the main menu "MODE" (display flashing)
2. Press [ENTER] and select "ADDR", "RUN" or "DISP" by pressing [UP] or [DOWN] button.
3. Press [ENTER] for selecting the desired sub menu.

MODE - Addr
RUN
DISP

Addr — — DMX address setting, Slave setting

NODe-Addr-VALU-0001-011111
SLAV-ON/OFF
rdn11-ON/OFF

VALU - DMX address setting

With this function, you can adjust the desired DMX-address via the Control Board.

1. Select “VALU” by pressing [UP] or [DOWN] button.
2. Press [ENTER], adjust the DMX address by pressing [UP] or [DOWN] button.
3. Press [ENTER] to confirm or pressing [MENU] to return to main menu.

SLAV - Slave setting

With this function, you can define the device as slave.

1. Select “SLAV” by pressing [UP] or [DOWN] button.
2. Press [ENTER], the display shows “ON” or “OFF”.
3. Press [UP] to select “ON” if you wish to enable this function or press [DOWN] to select “OFF” if you don't.
4. Press [ENTER] to confirm or press [MENU] to return to main menu.

rdn11 - DMX address setting via controller

With this function, you can adjust the desired DMX-address via an external controller.

This function can only be activated when the DMX-value of all other channels is set to "0" on the controller.

Select “EBOC” by pressing [UP] or [DOWN].

Press [ENTER], the display shows “ON” or “OFF”.

Press [UP] to select “ON” if you wish to enable this function or [DOWN] to select “OFF” if you don't.

Press [MENU] to confirm.

Press [ENTER] in order to return to the main menu.

On the controller, set the DMX-value of channel 1 to "7".

Set the DMX-value of channel 2 to "7" or "8". When set to "7" you can adjust the starting address between 1 and 255. When set to "8" you can adjust the starting address between 256 and 510.

Set the DMX-value of channel 3 to the desired starting address. If you want to set the starting address to 57, set channel 1 to "7", channel 2 to "7" and channel 3 to "57". If you want to set the starting address to 420, set channel 1 to "7", channel 2 to "8" and channel 3 to "164" (256+164=420).

Wait for approx. 20 seconds and the unit will carry out a reset. After that, the new starting address is set.

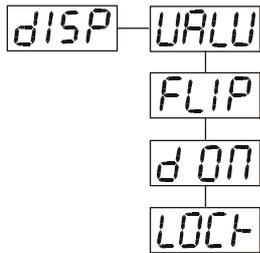
run - Program Run, Master setting

With the function "RUN", you can run the internal program. You can set the number of steps under Step. You can edit the individual scenes under Edit.

NODe-run-AUTO-ALON
MAST

1. Select “ALON” or “MAST” by pressing [UP] or [DOWN] button.
2. Press [ENTER] to confirm or Press [MENU] to return to the main menu.

disp — — Display the DMX-value, Reverse display, Shut off LED display



VALU - Display the DMX 512 value of each channel

With this function you can display the DMX 512 value of each channel.

1. Select "VALU" by pressing [UP] or [DOWN] button.
2. Press [ENTER] to confirm; the display shows "D-00". In this setting, the DMX-adjustment of every channel will be displayed.
3. Press [UP] or [DOWN] button in order to select the desired channel. If you select "D-00" the display will only show the DMX-value of the xxth channel.
4. Press [ENTER] to confirm or Press [MENU] to return to the main menu.
5. The display shows "D-XX", "X" stands for the DMX-value of the selected channel.

FLIP - Reverse display

Keyboard shortcuts: press down the "MENU" and the "UP" button at the same time, the words showed on the digital display of the control panel can overturn 180°, also can use the following instructions below to enter the Menu to configure the settings.

1. Select "FLIP" by pressing [UP] or [DOWN] button.
2. Press [ENTER], the display shows "ON" or "OFF".
3. Press [UP] to select "ON" if you wish to enable this function or press [DOWN] button to "OFF" if you don't; the display will rotate by 180°.
4. Press [ENTER] to confirm or Press [MENU] to return to the main menu.

D ON - Shut off LED display

With this function you can shut off the LED display after 2 minutes.

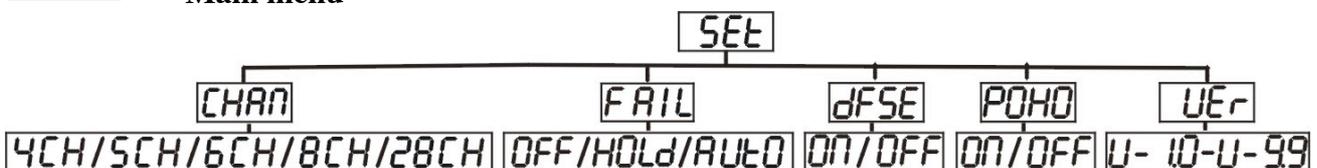
1. Select "D ON" by pressing [UP] or [DOWN] button.
2. Press [ENTER], the display shows "ON" or "OFF".
3. Press [UP] to select "ON" if you wish to enable this function or press [DOWN] button to "OFF" if you don't.
4. Press [ENTER] to confirm or Press [MENU] to return to the main menu.

LOCK — —locked keys the display

With this function you can activate the automatic keylock status. If this function is activated, the keys will be locked automatically after exiting the edit mode for 15 seconds. keeping press the [MENU] key for 3seconds if you do not need this function.

1. Tap the [UP] button until "LOCK" is displayed and tap the [ENTER] button.
2. Press the [UP] button to select "ON" to activate this function, or "OFF" to deactivate this function. Press [ENTER] to confirm.
3. Press [MENU] to return to the main menu.

SET — —Main menu



1. Press [MENU] to enter the main menu (display flashing).

2. Press [UP] or [DOWN] button. to select “SET”.

CHAN — —“CHAN” DMX channel MODE

With this function you can choose DMX channel Mode

1. Select “CHAN” by pressing [UP] or [DOWN] button.
2. Press [ENTER], the display shows “4CH”, “5CH”, “6CH” , “8CH” , “28CH”.
3. Press [UP] or [DOWN] button to select “4CH”, “5CH”, “6CH” , “8CH” , “28CH”, the default is “4CH”.
4. Press [ENTER] to confirm or Press [MENU] to return to the main menu.

FAIL-Automatic Run by no DMX

With this function you can automatic run the device by no DMX.

1. Select “FAIL” by pressing [UP] or [DOWN] button.
2. Press [ENTER], the display shows “OFF”, “HOLD” or “AUTO”.
3. Press [UP] or [DOWN] button to select “OFF”, “HOLD” or “AUTO”, the default is “HOLD”.
4. Press [ENTER] to confirm or Press [MENU] to return to the main menu.

DFSE- Restore factory settings

With this function you can restore the factory settings of the device. All settings will be set back to the default values (shaded). Any edited scenes will be lost.

1. Select “DFSE” by pressing [UP] or [DOWN] button.
2. Press [ENTER], the display shows “ON” or “OFF”.
3. Press [UP] to select “ON” if you wish to enable this function or press [DOWN] button to “OFF” if you don't.
4. Press [ENTER] to confirm or Press [MENU] to return to the main menu.

POHO — —Power on to preserve the MANL settings

With this function you can activate. The fixture will return to the scene manual set before automatically after re-power on.

1. Tap the [UP] button until “POHO” is displayed and tap the [ENTER] button.
2. Press the [UP] button to select “ON” to activate this function, or “OFF” to deactivate this function. Press [ENTER] to confirm.
3. Press [MENU] to return to the main menu.

VER- Software version

With this function you can display the software version of the device.

1. Select “VER” by pressing [UP] or [DOWN] button.
2. Press [ENTER], The display will show “V-XX”, "XX" stands for the version number, such as the display may also show, "V-1.0"~"V-9.9"etc.
3. Press [ENTER] to confirm or Press [MENU] to return to the main menu.

MANL — —Manual adjust intensity

With this function you can Manual adjust intensity

1. Select “MANL” by pressing [UP] or [DOWN] button.
2. Press [ENTER], the display shows “STRB”,
3. Press [UP] or [DOWN] button to select “STRB”,
4. Press [ENTER] to confirm or Press [MENU] to return to the main menu.

LINE — —Main menu

TIME - LIFE - 0000-9999
 CODE - C038
 CLFE - ON/OFF

1. Press [MENU] to enter the main menu (display flashing).
2. Press [UP] or [DOWN] button to select "TIME".
3. Press [MODE/ESC] to enter the main menu (display flashing).
4. Press [UP] or [DOWN] button to select "TIME".

LIFE - Fixture running time

With this function you can display the running time of the device.

1. Select "LIFE" by pressing [UP] or [DOWN] button.
2. Press [ENTER], the display shows "XXXX", "X" stands for the number of hours.
3. Press [ENTER] to confirm or Press [MENU] to return to the main menu.

CODE - Time password

With this function you can display the running time of the lamp.

1. Select "CODE" by pressing [UP] button.
2. Press [ENTER], the display shows "C038", "038" is password of clear open time.
3. Press [MENU] to return to the main menu.

CLFE - Clear fixture time

With this function you can clear the running time of the device.

1. Select "CLFE" by pressing [UP] or [DOWN] button.
2. Press [ENTER], the display shows "ON" or "OFF".
3. Press [UP] to select "ON" if you wish to enable this function or press [DOWN] button to "OFF" if you don't.
4. Press [ENTER] to confirm or Press [MENU] to return to the main menu.

EDIT - STEP - 5-01-5-48
 REC - RE.111111
 SC01 - SERB - 000-255
 :
 FADE - 111111
 TIME - 000.15-999.95
 CEdt - ON/OFF
 SC48 - SERB - 000-255
 :
 FADE - 111111
 TIME - 000.15-999.95₃

EDIT - Main menu

1. Press [MENU] to enter the main menu (display flashing).
2. Press [UP] or [DOWN] button to select "EDIT".

STEP - Define the number of steps in Run

With this function you can define the number of steps in the Program Run.

1. Select "STEP" by pressing [UP] or [DOWN] button.
2. Press [ENTER], the display shows "S-XX", "X" stands for the total amount of steps you want to save, so you can call up to 48 scenes in

“RUN”. For example if the “XX” is 05, it means that **“RUN”** will run the first 5 scenes you saved in **“EDIT”**.

3. Press [ENTER] to confirm or Press [MENU] to return to the main menu.

REC -Auto Save

With this function you can automatic save the number of steps in the Program Run.

1. Select **“REC”** by pressing [UP] or [DOWN] button.
2. Press [ENTER], the display shows **“RE.XX”**, **“XX”** stands for the number from 1 to 400.
3. Press [ENTER] to confirm or Press [MENU] to return to the main menu.

SC01 - Editing the channels of the individual scenes

With this function you can edit the program to be called up in Run.

1. Select **“SC01”** by pressing [UP] or [DOWN] button.
2. Press [ENTER], the display shows **“SCXX”**, **“X”** stands for the scene no. to be edited.
3. Select the channel no. you would like to edit by pressing [UP] or [DOWN] button.
4. Adjust the desired DMX value by pressing [UP] or [DOWN] button.
5. Press [ENTER] in order to edit other channels of this scene.
6. Repeat steps 3-5 until you finish setting all the DMX values for all channels of this scene.
7. Once all the channels completed, the display will flash **“TIME”**
8. Press [ENTER] to edit the time needed, the display shows **“TXXX”**, **“XXX”** stands for the time needed to run the current scene, value **“001-999”**. E.g., **“002”** means you need 0.4ms (002*0.2ms) to run the current scene. Adjust the desired time by pressing [UP] or [DOWN] button.
9. Press [ENTER] to save the settings for the scene you are editing, the display will change to the next scene automatically.
10. Repeat step 3-8 to edit and other scenes, you can edit and save a maximum of 48 scenes.
11. Press [MENU] to exit. The number of steps can be defined under **“STEP”** and the scenes can be called up under **“RUN”**.

b) Editing via the external controller

Call up the first scene in your controller now.

1. Press [ENTER], the display to be edited.
2. Select **“SC01”** by pressing [UP] or [DOWN] button.
3. Select the channel no. you would like to edit by pressing [UP] or [DOWN] button.
4. Press [ENTER], the display shows **“C-01”**.
5. Press [UP] or [DOWN] button .the display shows **" FADE "**. (Adjust fade speed)
6. Press [ENTER], the display to be adjust fade speed.
7. Select **"CEDT"** by pressing [UP] or [DOWN] button.
8. Press [ENTER], the display shows **"OFF"**.

9. Press [UP] or [DOWN] button .the display shows "ON".
10. Press [ENTER], the display shows "SC02". You successfully downloaded the first scene.
11. Adjust the Step-time as described above under point 12.
12. Call up the second scene in your controller now.
13. Repeat steps 5-11 until all desired scenes are downloaded.
14. Press [MENU] to exit. The number of steps can be defined under "STEP" and the scenes can be called up under "RUN".

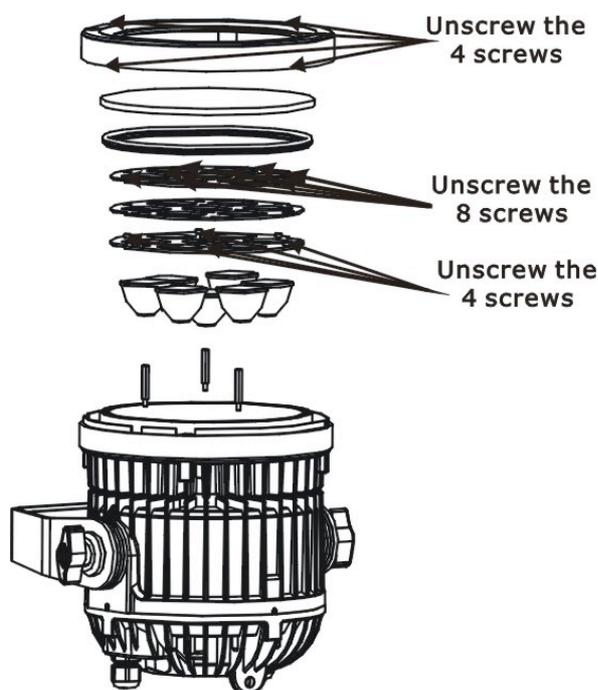
9. INSTRUCTIONS ON USE:

DMX channel's functions and their values (28 DMX channels):						
Mode/Channel					Value	Function
4	5	6	8	28		
1	1	1	1			Red LED -all arrays :
					0-255	Red (0-Black , 255-100% Red)
2	2	2	2			Green LED-all arrays :
					0-255	Green (0-Black , 255-100% Green)
3	3	3	3			Blue LED -all arrays :
					0-255	Blue (0-Black , 255-100% Blue)
4	4	4	4			White LED -all arrays :
					0-255	White (0-Black , 255-100% White)
				1		Red LED -array 1 :
					0-255	Red (0-Black , 255-100% Red)
				2		Green LED-array 1 :
					0-255	Green (0-Black , 255-100% Green)
				3		Blue LED -array 1 :
					0-255	Blue (0-Black , 255-100% Blue)
				4		White LED -array 1 :
					0-255	White (0-Black , 255-100% White)
				5		Red LED -array 2 :
					0-255	Red (0-Black , 255-100% Red)
				6		Green LED-array 2 :
					0-255	Green (0-Black , 255-100% Green)
				7		Blue LED -array 2 :
					0-255	Blue (0-Black , 255-100% Blue)
				8		White LED -array 2 :
					0-255	White (0-Black , 255-100% White)
				9		Red LED -array 3 :
					0-255	Red (0-Black , 255-100% Red)
				10		Green LED-array 3 :

					0-255	Green (0-Black , 255-100% Green)
				11		Blue LED -array 3 :
					0-255	Blue (0-Black , 255-100% Blue)
				12		White LED -array 3:
					0-255	White (0-Black , 255-100% White)
				13		Red LED -array 4 :
					0-255	Red (0-Black , 255-100% Red)
				14		Green LED-array 4 :
					0-255	Green (0-Black , 255-100% Green)
				15		Blue LED -array 4 :
					0-255	Blue (0-Black , 255-100% Blue)
				16		White LED -array 4 :
					0-255	White (0-Black , 255-100% White)
				17		Red LED -array 5 :
					0-255	Red (0-Black , 255-100% Red)
				18		Green LED-array 5 :
					0-255	Green (0-Black , 255-100% Green)
				19		Blue LED -array 5 :
					0-255	Blue (0-Black , 255-100% Blue)
				20		White LED -array 5 :
					0-255	White (0-Black , 255-100% White)
				21		Red LED -array 6 :
					0-255	Red (0-Black , 255-100% Red)
				22		Green LED-array 6 :
					0-255	Green (0-Black , 255-100% Green)
				23		Blue LED -array 6 :
					0-255	Blue (0-Black , 255-100% Blue)
				24		White LED -array 6 :
					0-255	White (0-Black , 255-100% White)
				25		Red LED -array 7 :
					0-255	Red (0-Black , 255-100% Red)
				26		Green LED-array 7 :
					0-255	Green (0-Black , 255-100% Green)
				27		Blue LED -array 7 :
					0-255	Blue (0-Black , 255-100% Blue)
				28		White LED -array 7:
					0-255	White (0-Black , 255-100% White)
		5	5			Shutter, strobe:

				0-31	Led trun off
				32-63	Led turn on
				64-95	Strobe effect slow to fast
				96-127	Led turn on
				128-159	Pulse-effect in sequences
				160-191	Led turn on
				192-223	Random strobe effect slow to fast
				224-255	Led turn on
	5	6	6		<u>Dimmer intensity:</u>
				0-255	Intensity 0 to 100%
			7		<u>Chasing effect:</u>
				0-10	Led trun off
				11-40	Chase 1
				41-70	Chase 2
				71-100	Chase 3
				101-130	Chase 4
				131-160	Chase 5
				161-190	Chase 6
				191-220	Chase 7
				221-255	Chase 8
			8		<u>Speed chase :</u>
				0-255	Value 0 to 255

10 The following to change the lens for the different angle



11. CLEANING AND MAINTENANCE

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) 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.

Please refer to the instructions under “Installation instructions”.

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

12. TECHNICAL SPECIFICATIONS

Power supply: AC100-240V~, 50/60Hz

Power consumption: 110W

Waterproof grade: IP 65

Packing dimensions: 37.5x33.5x30.5 cm

Net weight: 5.5 KGS

Gross weight: 8.0 KGS

Remark: errors and omissions for every information given in this manual excepted. All information is subject to change without prior notice.