



User's manual



LED ROAD PAR
14 x 3W RGB 3in1

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1. Safety instructions



- This device is suitable for indoor use only.
- All modifications to the device will void the warranty.
- Repairs are to carry out by skilled personnel only.
- Use only fuses of the same type and original parts as spare parts.
- Protect the unit from rain and humidity to avoid fire and electric shocks.
- Make sure to unplug the power supply before opening the housing.

1.1. FOR SAFE AND EFFICIENT OPERATION

Be careful with heat and extreme temperature

Avoid exposing it to direct rays of the sun or near a heating appliance.

Not put it in a temperature bellow 32°F /0°C, or exceeding 104°F /40°C.

Keep away from humidity, water and dust

Do not place the set in a location with 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 clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

If out of work, contact sales agency immediately

Any troubles arose, remove the power plug soon, and contact with an engineer for repairing, do not open the cabinet by yourself, it might result a danger of electric shock.

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 device for an extended period of time, be sure to disconnect the plug from the receptacle.



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. Make sure the electrical connection is carried out by qualified personnel. All electrical and mechanical connections have to be carried out according to the European safety standards.

2. General information

Fixtures:

- 1 x Led Road PAR
- 1 x Power cable
- 1 x DMX cable
- 1 x User manual

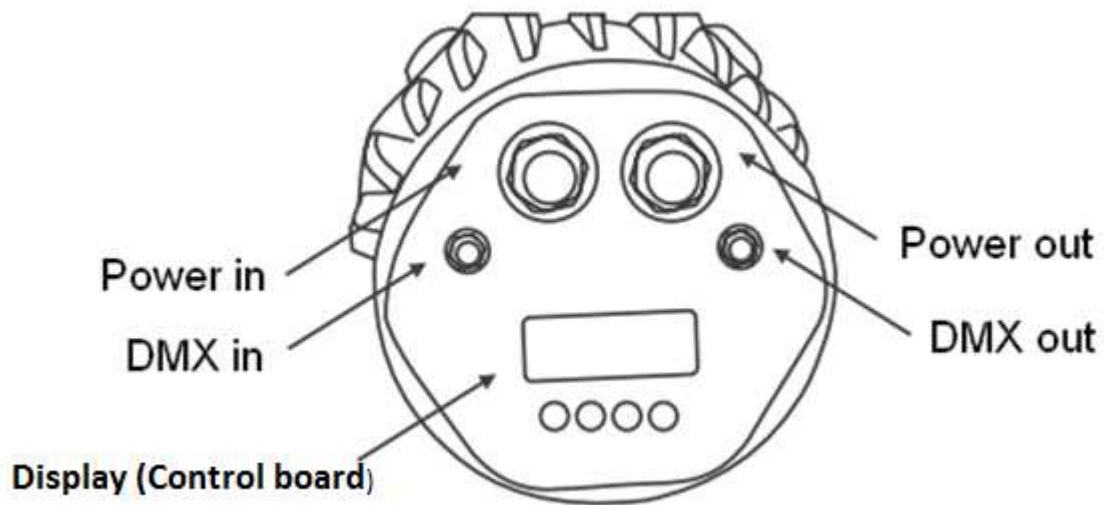
Unpacking:

Thank you for purchasing the LED Par 18x8W RGBW IP65. Every device has been thoroughly tested and has been transported in perfect operation condition. Carefully check the carton for damage that may occur during transporting. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit has arrived intact. Carefully unpack the carton, check the contents to ensure that all parts are present, and have been received in good condition.

AC Power

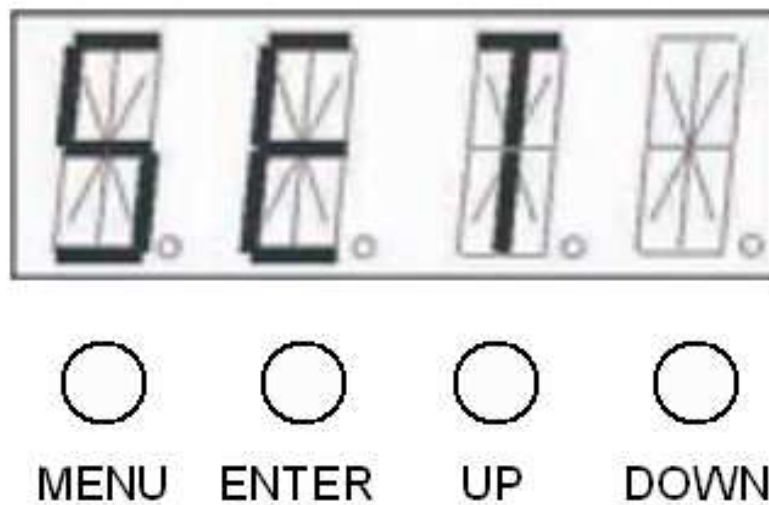
The fixture has an auto-switching power supply that can accommodate a wide range of input voltages. The only thing necessary to do before powering on the unit is to make sure the line voltage you are applying is within the range of accepted voltages. This fixture will accommodate between 100V and 240V AC 50-60Hz. All fixtures must be powered directly to a switches circuit and cannot be run with a rheostat (variable resistor or dimmer circuit, even if the rheostat or dimmer channel is used solely for 0% to 100% switch).

3. Product overview



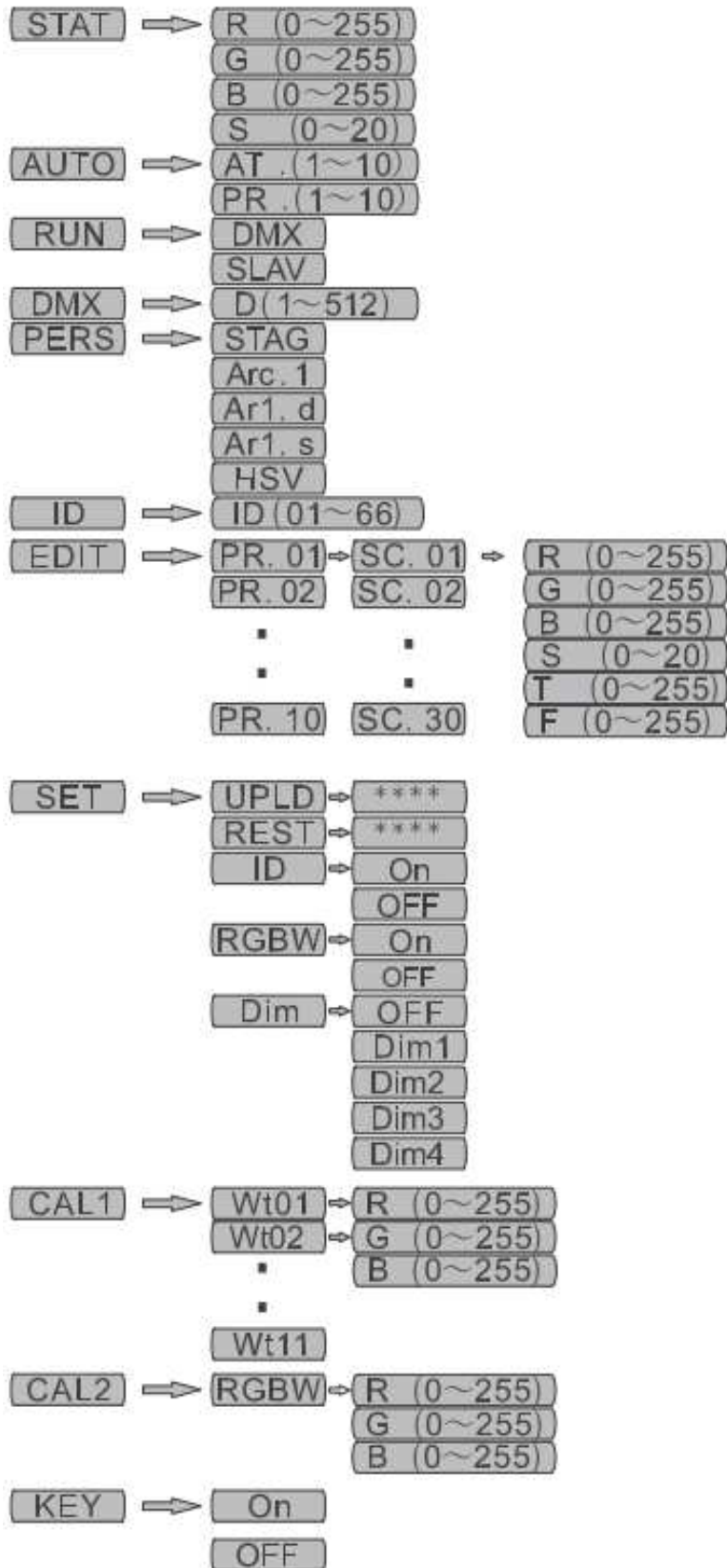
Control board

All fixture functions and settings are accessible via the built-in control panel interface.



4. Structure of the menu

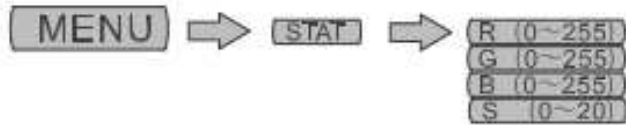
4.1 Overview



4.2 Settings

4.2.1 Static Color

Combine red, green and blue (0-255) to create an infinite range of color. With the menu point S (0-20) you can set the speed of the strobe.



4.2.2 Auto-mode

Choose [AUTO] and press [ENTER].

The programs [AT.01] to [AT.10] are saved and it is not possible to change them with [EDIT].

The programs [PR.01] to [PR.10] are recorded, but you can change them with [EDIT].



4.2.3 RUN

Enter the [RUN] mode to set a working mode.

Choose [dMX] for DMX mode.

Choose [SLA] for Master Slave mode



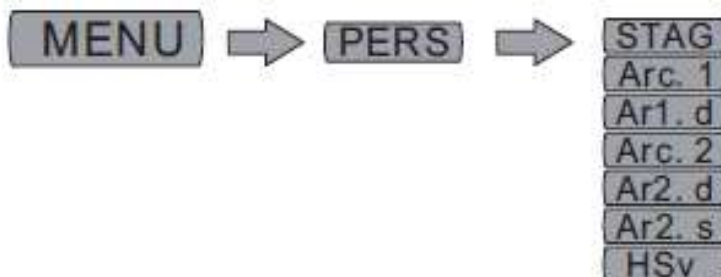
4.2.4 DMX

Adjusts the DMX address (1-512) of the device.



4.2.5 Personality

Enter the [PERSONALITY] mode to select between the DMX modes: [STAG], [Arc.1], [Ar1.d], [Arc.2], [Ar2.d], [Ar2.s] or [HSV]



4.2.6 ID-address

Enter the [Id] mode to set the ID-address of the device.



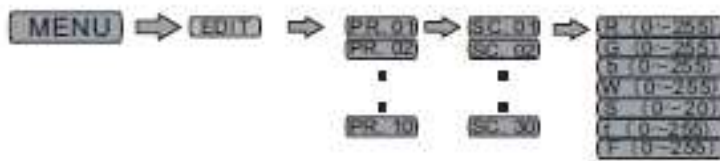
4.2.7 Edit Custom

Here you can change the programs [PR.01] to [PR.10].

Each custom program has 30 steps that can be edited.

Each step allows creation of a scene using: Red, Green, Blue, White, Strobe, Time, and Fade.

Press ENTER for 5 seconds to store your settings.



4.2.8 Setting

Select [UPLD] to upload the custom programs from the current Master unit to the Slave units. In order to activate the upload function the password must be entered: ([UP] + [DOWN] + [UP] + [DOWN]) Confirm with ENTER.

When uploading the Slave units will display yellow. If an error occurs when uploading the Slave units will display red. On successful uploading of the custom programs the Slave units will display green. In order to reset custom modes to default values select [REST].

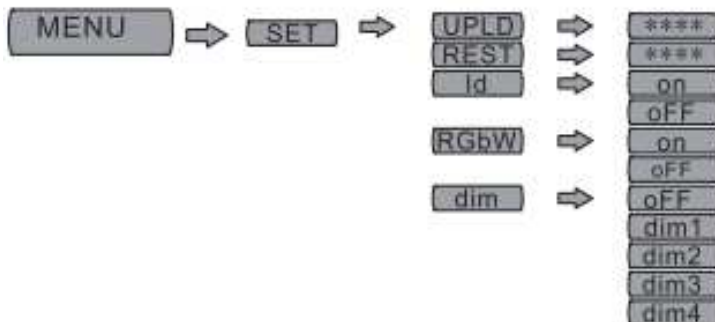
Enter [ID] in order to allow/disallow ID address function from DMX512 controller.

If you choose in [RGBW] mode the option [YES], an internal white balance is adjusted to get a harmonious white. If you choose [NO] all colors are driven with 100%.

The RGBW parameters can be set in [CAL2] menu.

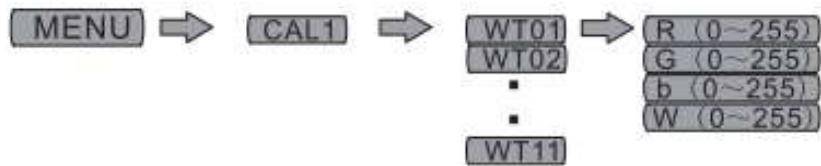
Enter [POW] to set the power consumption. The power consumption is 25W if you choose [NORM]-mode and 50W in [HIGH]-mode.

Enter [DIM] mode to select dimmer mode and dimmer speed. When dimmer mode is set to [OFF] the behavior of dimming is linear. Dim 1, 2, 3, 4 are dimmer with different speed, dim 4 is the slowest. The settings in [DIM] mode do not react to the [STAG] mode.



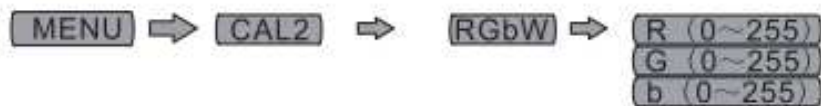
4.2.9 CAL1

Enter [CAL1] mode to select white color of different color temperature. There are 11 pre-programmed white colors can be edited by using [Red], [Green], [Blue], [White].



4.2.10 CAL2

Enter [CAL2] mode to adjust the RGB parameter to make different whites. When the new setting is activated, the DMX controller choose RGB = 255, 255, 255, the white color will be made by the actual RGB values on the [CAL2].



4.2.11 KEYLOCK

Enter [KEY] mode to activate or deactivate the key lock. . Press [ENTER] to enter the password.

Password: [UP] + [DOWN] + [UP] + [DOWN].



5. DMX-Table

The device has 6 DMX modes.

HSV	channel	description
	1	hue
	2	staturation
	3	value(brightness)

STAG	channel	description
	1	Dimmer
	2	Red (set the step time when pr.01~10 is set)
	3	Green (set the fadetime when pr.01~11 is set)
	4	Blue
	5	0-5 No
		6-20 High
		21-30 NoPower
		31-255 Color change
	6	strobe
	7	auto/custom programme
	8	speed of auto
	9	Dimmer speed
	10	ID address

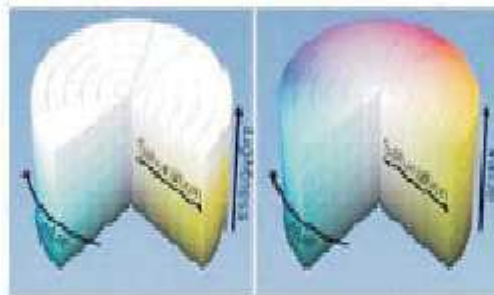
Arc.1	channel	description
	1	Red
	2	Green
	3	Blue

Ar1.d	channel	description
	1	Dimmer
	2	Red
	3	Green
	4	Blue

Ar1.s	channel	description
	1	Dimmer
	2	Red
	3	Green
	4	Blue
	5	Strobe

HSV	channel	value	function
	1	0--255	Hue (0%--100%)
	2	0--255	Saturation (0%--100%)
	3	0--255	value (0%--100%)

Note: In HSV mode, HUE stands for the visible light, such as red, yellow, cyan, etc. Saturation refers to the dominance of hue in the color. When saturation is at 100%, then the color is at its purest. Value is the color's brightness. When the value is at 100%, the color is at its brightest.



Ac1.1	channel	value	function
	1	0--255	red (0%--100%)
	2	0--255	green (0%--100%)
	3	0--255	blue (0%--100%)

Ac1.d	channel	value	function
	1	0-255	dimmer(0%--100%)
	2	0--255	red (0%--100%)
	3	0--255	green (0%--100%)
	4	0--255	blue (0%--100%)

Ac1.s	channel	value	function
	1	0--255	dimmer(0%--100%)
	2	0--255	red (0%--100%)
	3	0--255	green (0%--100%)
	3	0--255	blue (0%--100%)
	4	0--255	strobe (0Hz--20Hz)

ID-addresses on channel 10 in STAG mode

In the STAG (Channel 11) mode the device has a second addressing which is called ID.

You choose the ID to operate 66 devices on one DMX address. The choice if the ID is done directly on the device in the settings.

The device with the set ID is controlled by channel 11 of the DMX controller (e.g. ID2 = 20-29)

0--9	all IDs	210	ID21	231	ID42	252	ID63
10--19	ID1	211	ID22	232	ID43	253	ID64
20--29	ID2	212	ID23	233	ID44	254	ID65
30--39	ID3	213	ID24	234	ID45	255	ID66
40--49	ID4	214	ID25	235	ID46		
50--59	ID5	215	ID26	236	ID47		
60--69	ID6	216	ID27	237	ID48		
70--79	ID7	217	ID28	238	ID49		
80--89	ID8	218	ID29	239	ID50		
90--99	ID9	219	ID30	240	ID51		
100--109	ID10	220	ID31	241	ID52		
110--119	ID11	221	ID32	242	ID53		
120--129	ID12	222	ID33	243	ID54		
130--139	ID13	223	ID34	244	ID55		
140--149	ID14	224	ID35	245	ID56		
150--159	ID15	225	ID36	246	ID57		
160--169	ID16	226	ID37	247	ID58		
170--179	ID17	227	ID38	248	ID59		
180--189	ID18	228	ID39	249	ID60		
190--199	ID19	229	ID40	250	ID61		
200--209	ID20	230	ID41	251	ID62		

6. Technical Data

- DMX modes: 3, 4, 5, und 10 channels
- LEDs : 14 x 3W RGB 3in1
- LED Lifetime: 80000 h
- Beam angle: 15°
- Brightness: 2700 LUX 2m, beam angle 15°
- Auto-Mode
- Housing: Aluminum
- Protection class: IP67
- Power consumption: max. 55W
- Voltage: 110V-240V 50Hz/60Hz
- Measures: 235 x 165 x 300mm
- Weight: 4.5Kg

Importeur:

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