

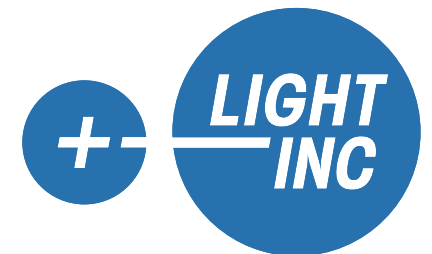
USER MANUAL

OUTDOOR-PAR 14 RGB

Please read carefully before use.



- + RED-GREEN-BLUE
- + STRONG OUTDOOR EFFECT



WWW.LIGHT-INC.NL

Unpacking: Thank you for purchasing the OUTDOOR-PAR 14 RGB. Every OUTDOOR-PAR 14 RGB has been tested and shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all equipment necessary to operate the unit has arrived intact. In the event damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Please do not return this unit to your dealer without contacting customer support first.

Introduction: The OUTDOOR-PAR 14 RGB has five DMX mode, The fixture can operate in three different operating modes; DMX control, sound-active, or in a Master/Slave configuration. For best results use fog or special effects smoke to enhance the beams projections.

Warning! To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

Warning! This may cause severe eye damage. Avoid looking directly into the light source at all times!

INTRODUCTION

Features

- Features of OUTDOOR-PAR 14 RGB
 - 3, 4, 5 or 10 channel DMX-512 LED wash light (with ID addressing) Operating modes
 - 3 channel: RGB control
 - 3 channel: HSV control(hue, saturation and value)
 - 4 channel: dimmer,RGB
 - 5 channel: dimmer,RGB,strobe
 - 10 channel: dimmer,RGB, Color change, strobe, auto/custom programme, auto speed, dimmer speed RGB color mixing, ID
- Light Source: 14*3W 3 in 1 full color LED
- Life: 80000 hours
- Lens:Standard; 25 degree
- Color Changing, Color mixing, Strobe, Dim 0%-100%, speed adjustment,etc. DMX 512/Auto Run/Master Slave
- Material: Aluminum body
- Power rating:IP65
- Power consumption: 45w
- Voltage: 110V-240V 50Hz/60Hz
- Power supply: Built-in and auto switching
- Size: L230xW165xH300mm
- N.W.: 4.5 kg
- G.W.: 6.0 kg

DMX Channel Summary

The OUTDOOR-PAR 14 RGB has a total of 5 DMX channel configurations, referred to as “personalities” in this manual and in the fixture onboard control board. The 5 personalities are [STAG, Arc. 1, Ar1. D, Ar1. s, and HSV]. Each of the different personalities can be accessed from the control panel. Please see section on “Control Panel Functions” on a description on how to accomplish this.

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

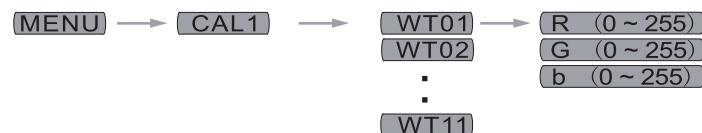
STAG	channel	description
	1	Dimmer
	2	Red(set the step time when pr.01~10 is set)
	3	Green(set the fadetime when pr.01~11 is set)
	4	Blue
	5	0-10 No 11-255 Color change
	6	strobe
	7	auto/custom programme
	8	speed of auto
	9	dimmer speed
	10	ID address

Arc.1	channel	description
	1	Red
	2	Green
	3	Blue

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

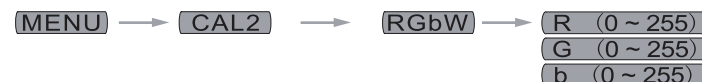
Ar1.s	channel	description
	1	Dimmer
	2	Red
	3	Green
	4	Blue
	5	Strobe

- When [RGBW] -- RGB TO WHITE is set to [YES], on RGB= 255,255,255, the color is perfect white as the actual RGB values are adjusted to make white. When it is set to NO ,on RGB= 255,255,255, the RGB values are not adjusted and the output is most powerful. The [RGBW] sparameter can be adjusted in CAL2 .
- Enter [POW] to choose the operation power mode [NORM] or [HIGH], when it is normal mode, the power consumption is about 90W, while under high mode, it is about 150W.
- Enter [Dim] to select dimmer mode and dimmer speed. When DIMMER is set to [Off], then RGBW and MASTER DIMMER are linear. The Dim 1/2/3/4 are speed modes of the non linear dimmer, [Dim1] is the faster, while [Dim4] is the slowest.
- The [Dim] setting here does not react on the the [STAG] mode.



[CAL1]

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



[CAL2]

- Enter the [CAL2] 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] .



[KEYLOCK]

- Enter the [KEY] mode to select whether the access password is on or off.
- In order to enter access password it is necessary to first press [ENTER].
- Access password is [UP] + [DOWN] + [UP] + [DOWN].

MENU → **Id** → **Id (01 ~ 66)**

[Id]

- Enter the [Id] mode to set the ID ADDRESS.

MENU → **EDIT** → **PR. 01** → **SC. 01** → **R (0 ~ 255)**
PR. 02 → **SC. 02** → **G (0 ~ 255)**
 .
 .
PR. 10 → **SC. 30** → **b (0 ~ 255)**
 .
 .
ST (0 ~ 20)
T (0 ~ 255)
F (0 ~ 255)

[EDIT CUSTOM]

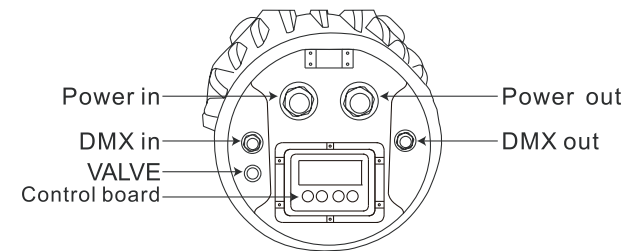
- Enter the [EDIT] mode to edit the custom programs [PR.01] to [PR.10].
- Each custom program has 30 steps that can be edited.
- Each step allows the creation of a scene using RED [R (0~255)], GREEN [G (0~255)], BLUE [b (0~255)], STROBE [S (0~20)], TIME [T (0~255) & FADE [F (0~255)]. Then the data be saved when you press the [ENTER] button for 5 seconds.

MENU → **SET** → **UPLd** → ********
REST → ********
Id → **ON**
OFF
RGbW → **ON**
OFF
dIM → **OFF**
dIM1
dIM2
dIM3
dIM4

[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.
- Password is the same as the main access password.
- 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 the DMX512 controller.

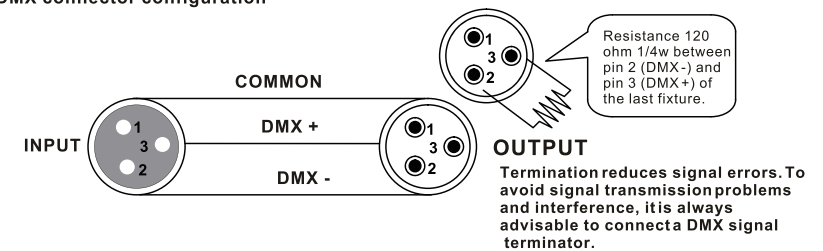
Product Overview



CABLE CONNECTORS

Cabling must have a male XLR connector on one end and a female XLR connector on the other end.

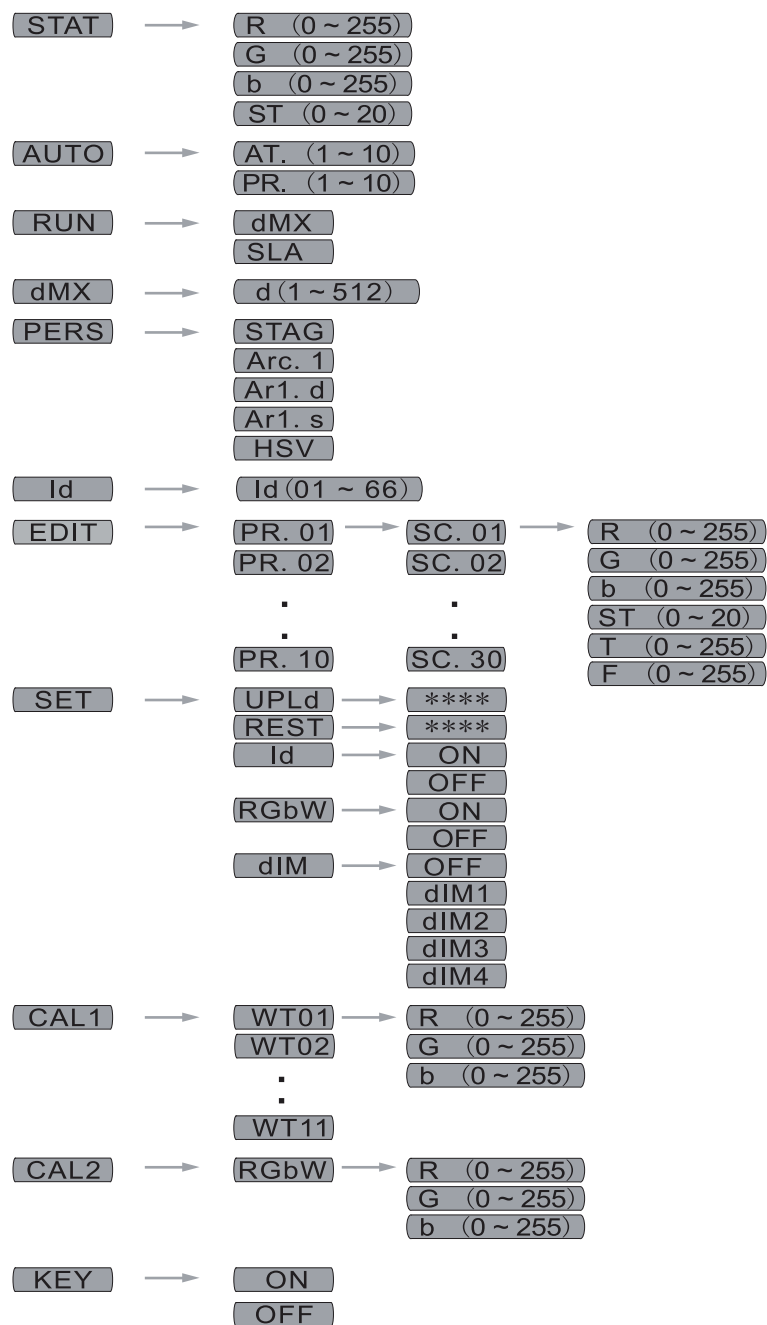
DMX connector configuration



CAUTION Do not allow contact between the common and the fixture's chassis ground. Grounding the common can cause a ground loop, and your fixture may perform erratically. Test cables with an ohm meter to verify correct polarity and to make sure the pins are not grounded or shorted to the shield or each other.

BUTTON	FUNCTION
MENU	Exits from the current menu or function
UP	Navigates upwards through the menu list and increases the numeric value when in a function
DOWN	Navigates downwards through the menu list and increases the numeric value when in a function
ENTER	Enables the currently displayed menu or sets the currently selected value in to the selected function

Menu Map



Operation Instruction



[STATIC COLOUR]

- Combine [Red], [Green] and [Blue] to createan infinite range of colors (0-255)
- Set the value of the [Strobe] (0-20Hz)



[AUTO]

- Select the target AUTO program and press [ENTER] .
- Programs [AT.01] to [AT.10] are fully pre-programmed and will not be altered by changes in [EDIT] mode.
- Programs [PR.01] to [PR.10] are fully pre-programmed and can be edited in [EDIT] mode.



[RUN]

- Enter the [RUN] mode to set working mode.
- [dMX] mode is for using the DMX512 controller to control the fixtures.
- [SLA] mode is for Master – Slave operation.



[dMX]

- Enter the [dMX] mode to set the DMX ADDRESS.



[PERSONALITY]

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