



# **SPOTLIGHT PROFILE 200W RGBW 12°-30° MANUAL**

**User Manual**



EAN [5905358808610]  
Art No F2000364

## CONTENTS

INTRODUCTION	3
SAFETY INFORMATION	3
PRODUCT INFORMATION	4
INSTALLATION	4
CONNECTION	5
DMX CHART	8

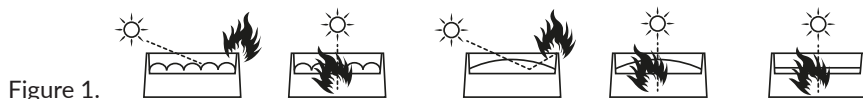


**WARNING!** Use clamp to rig the fixture.

**WARNING!** When clamping the fixture to a truss or other structure at any other angle than with the yoke hanging vertically downwards, use two clamps of half-coupler type. Do not use any type of clamp that does not completely encircle the structure when fastened.

**WARNING!** Position or shade the bar 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 1**. The SPOTLIGHT 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 SPOTLIGHT, as intense illumination can damaged the display.



## INTRODUCTION

THANK YOU FOR PURCHASING **SPOTLIGHT**. FOR SAFETY REASONS AND TO ENSURE THE TROUBLE-FREE OPERATION, CAREFULLY READ THE INSTRUCTIONS.

## SAFETY INFORMATION

- 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.
- Maximum ambient temperature is: 40°C Don't operate it where the temperature is higher than this.
- 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.

## PRODUCT INFORMATION

- Light Source: RGBW 4in1 LED
- Power consumption: 200W
- Power supply voltage: 100-240V, 50/60Hz AC
- Macro Auto programs
- Zoom: Manual
- Focus: Manual
- Beam angle: 12°-30°
- Operating modes: DMX512, Manual, Auto, Sound-controlled, Master/Slave, Sound active,
- DMX channel mode 9 CH
- IP Rating: IP25
- Housing made: Aluminium
- Cooling: Active
- AC IN/OUT: PowerCon
- 3-Pin XLR DMX Input/Output
- Net Weight: 10 kg
- Gross weight: 12,2 kg
- Net Dimensions: H(25)xW(74)xD(26,5) cm
- Pack Size: H(37)xW(83)xD(35) cm

## 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. The fixture may be installed in any orientation, but if installed horizontally with a downward

beam-angle, water can potentially pool in the fan wells. Under normal operation the moisture will evaporate. However, in locations with high rainfall, you may wish to fabricate a rain shield above the fixture, or modify the position and orientation of the fixture to minimize pooling.

Two quarter-turn brackets are supplied with the fixture if it is to be flown above the ground. Rig the fixture to a support truss or structure using the supplied brackets and suitable clamps.

Fasten a safety cable between the support structure and the attachment point on the fixture. The safety cable must be able to bear at least 10 times the weight of the fixture.

## The package includes:

- ❶ - SPOTLIGHT (1 pc)
- ❷ - Power cable type powerCON (1 pc)
- ❸ - powerCON out plug (without cable) - (1 pc)
- ❹ - User Manual (1 pc)
- ❺ - DMX cable (1 pc)

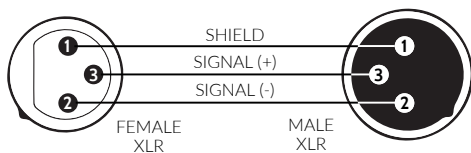


## CONNECTION

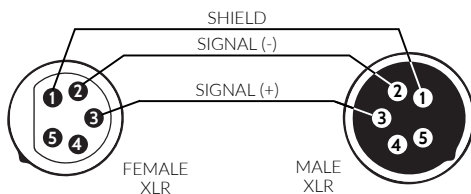
The device is equipped with the following interfaces:

- 1. DMX (in/out): XLR 3(5)-pin socket
- 2. Power (in/out): powerCON socket

The connection is performed using cable with XLR-female -> XLR-Male plugs.



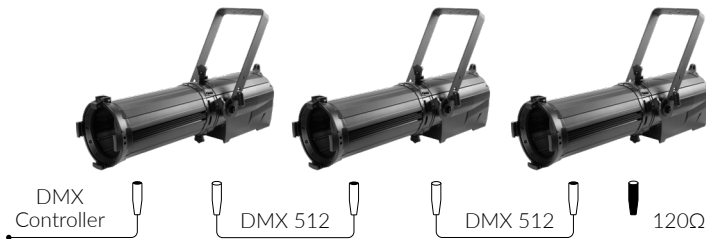
3-PIN XLR



5-PIN XLR

**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.

Diagram of connection of devices by DMX cable.



**IMPORTANT!** The maximum number of devices connected in series via power cable is 8 pcs.

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

**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 voltage should be within  $\pm 10\%$ , if the voltage is too high, it will shorten the light's life.

#### Voltage Specification.

Input Voltage	Frequency	Total Power
100-240[V] AC	50/60[Hz]	220[W]

#### Control Menu

Operation instructions: under the main menu, press the up and down key to select different functions menus. After selecting different function menus, press the „OK” key to enter the corresponding drop-down menu function. In the drop-down menu, press the „increase” or „decrease” key to modify its parameter value. Press ok to return to the main menu.

DISPLAY



Color screen display window comparison table

No	DISPLAY		
1	DMX-Addr 001		
2	Key-ADJ	Red	0-255
		Green	0-255
		Blue	0-255
		White	0-255
		Dodge	0-255
3	Auto-ADJ	Auto	1-2
		Auto-Sound	3
		Speed	0-100
4	Screen Rotate	ON/OFF	

Comparison table of background display window in English

(To enter the MENU, long press ENTER)

No	DISPLAY		The initial value
1	Fan temp	20-70	
2	Lowpower temp	35-90	
3	Protect temp	ON/OFF	
4	RedCurrent	20-255	
5	GreenCurrent	20-255	
6	BlueCurrent	20-255	
7	WhiteCurrent	20-255	
8	Language	EN	中文
9	Screen saver	ON/OFF	开关

## DMX CHART

NO	FUNCTION	DESCRIPTIONS
1	Dimming	R, G, B, W Total dimming, linear dimming, from dark to light
2	Total Strobo	R, G, B, W Total strobo, from dark to light
3	R Dimming	R, dimming, from dark to light
4	G Dimming	G, dimming, from dark to light
5	B Dimming	B, dimming, from dark to light
6	W Dimming	W, dimming, from dark to light
7	Feature	0-50: DMX 8 Channel control: 51-100: jump 101-150: the gradient 151-200: pulse variable 201-255: voice control
8	Speed	Speed, from slow to fast
9	CTO	Color temperature 4000K - 10000K

### RDM Instructions (optional)

NO	FUNCTION	DESCRIPTIONS
1	Feedback (address code)	Free to change
2	Feedback (equipment temp.)	Cannot be changed



After power-on, turn on the console power supply. When the signal of DMX512 console is not received, the DMX indicator does not turn on. When the signal of DMX512 console is received, the DMX indicator lights up, which is controlled by the console signal.

In the address code state, if there is no console after multi-computer connection, the master-slave online function can be realized. One of the devices can be operated. The other devices in the address state run synchronously with the host. When the master-slave online, DMX512 signal must be cut off.



**FLASH-BUTRYM Sp.j.**

Skarbimierzyce 18 • 72-002 Dołuje • POLAND

**[WWW.FLASH-BUTRYM.PL](http://WWW.FLASH-BUTRYM.PL)**