

Flash-Butrym F9700385 LED Strobe



Flash-Butrym F9700385 LED Strobe User Manual

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Flash-Butrym F9700385 LED Strobe



Product Information

Specifications:

- Light Source: 960x (5050) RGB + 120x (7070) White LEDs
- Power Consumption: 300W
- Power Supply Voltage: 100-240V, 50/60Hz AC
- Operating Modes: DMX512, Self-Walking, Master-Slave, Voice Control, with RDM function
- DMX Channel Mode: 4CH / 12 CH / 86 – 108 CH
- IP Rating: IP65
- Housing Material: Alu + Steel
- Cooling: Active
- AC IN: Dedicated IP65 power plug
- DMX Input/Output: Dedicated 3-Pin XLR DMX IP65
- Net Weight: 10.6 kg (11.8 kg)
- Net Dimensions: H(15)xW(62)xD(30) cm
- Pack Size: H(31)xW(70)xD(38) cm

Product Usage Instructions

Installation:

1. Unpack and carefully check for any transportation damage before using the fixture.
2. Ensure that the voltage and frequency of the power supply match the requirements of the fixture.
3. Ground the yellow/green conductor to earth to avoid electric shock.
4. Use the safety chain when fixing the fixture. Handle the fixture by its base, not just the head.

Connection:

1. The device has DMX (in/out) and power (in/out) interfaces with dedicated IP65 connectors.
2. Connect using cables with XLR-female -> XLR-Male plugs for DMX connection.
3. At the last fixture, terminate the DMX signal with a terminator by soldering a 120 resistor between signal (-) and signal (+) into an XLR plug.

DMX Chart:

Refer to the provided DMX chart for detailed information on operating modes and channel configurations.

Frequently Asked Questions

Q: Can I repair the fixture myself if there is an issue?

A: No, it is advised not to repair the fixture by yourself. Please contact the nearest authorized technical assistance center for any repairs.

Q: What should I do if there is cable damage?

A: In case of cable damage, do not attempt to repair it yourself. Replacement or repair should be done by the manufacturer or a person with appropriate permissions.

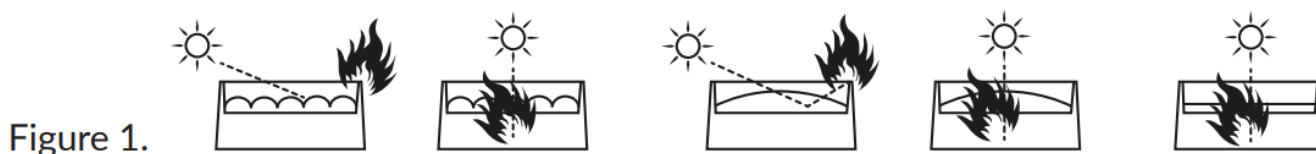
LED STROBE IP65 24xRGB+12xWhite

User Manual



Art No F9700385

- 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 LED STROBE 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 LED STROBE, as intense illumination can damaged the display.



INTRODUCTION

THANK YOU FOR PURCHASING LED STROBE. FOR SAFETY REASONS AND TO ENSURE THE TROUBLE-FREE OPERATION, CARE-FULLY 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 fixing 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:**
960x (5050) RGB + 120x (7070) White LEDs
- **Power consumption:** 300W
- **Power supply voltage:**
100-240V, 50/60Hz AC
- **Operating modes: DMX512,**
Self-Walking, Master-Slave, Voice Control, with RDM function
- **DMX channel mode**
4CH / 12 CH / 86 – 108 CH
- IP Rating: IP65
- Housing made: Alu + Steel Cooling: Active
- AC IN: dedicated IP65
- power plug
- dedicated 3-Pin XLR DMX IP65 Input/Output
- Net Weight: 10.6 kg (11.8 kg) Net Dimensions:

- H(15)xW(62)xD(30) cm
- Pack Size:
- H(31)xW(70)xD(38) 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

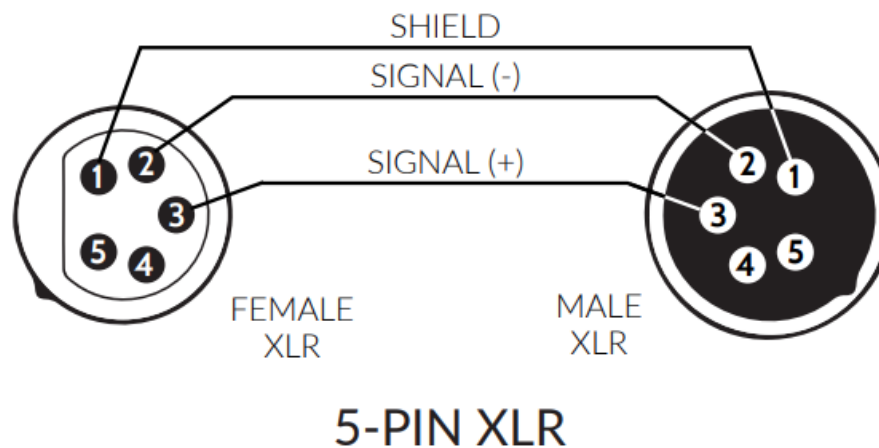
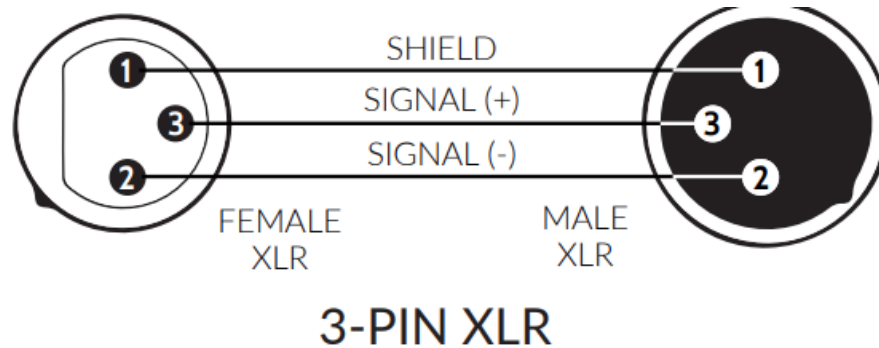
1. LED STROBE (1 pc)
2. IP65 DMX cable (1 pc)
3. IP65 Power cable (1 pc)
4. Omega Bracket (2 pcs)
5. User Manual (1 pc)



CONNECTION

The device is equipped with the following interfaces:

1. DMX (in/out): dedicated IP65 XLR 3-pin socket
2. Power (in/out): dedicated IP65 power plug The connection is performed using cable with XLR-female -> XLR-Male plugs.



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.



The connection is performed using power cable with IP65 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

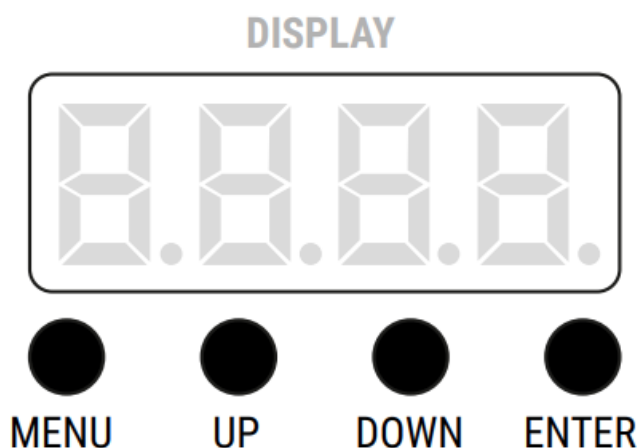
Using lamp, the change rate of power voltage should be within $\pm 10\%$, if the voltage is too high, it will shorten the light's life.

Voltage Specification

Input Voltage	Frequency	Total Power
100-240[V] AC	50/60[Hz]	350[W]

Control Menu

1. On the fixture display, four buttons from left to right:
2. „MENU” button. It is the Function menu.
3. „Up” button. Modify data up.
4. „Down” button. Modify data down.
5. „ENTER” button. Save the modified data and exit the edit state.
6. In the editing state, if the „Enter” button is not pressed, the modified data will not be saved and will be lost after shutdown.



Display Function Menu

Main Menu	Submenu 1	Submenu 2	Function description
Addr	d001/d512		Address code, press the OK key to enter the Submenu 1, the up or down key to select the address code, press the OK key to save the address code.
CHAL	Ch4/CH11/ CH8 6		Channel, press OK to enter Submenu 1, up or down key to select channel, press OK to save channel.
Auto	CA50	01-50	
	CB50	01-50	
	CC50	01-50	
	CD50	01-50	
	CE50	01-50	

	CF50	01-50	Press the Confirm key to go to Submenu 1, the up or down key to select the self-walking type, then press the Confirm key to go to Submenu 2, the up or down key to select the self-walking speed, press the Confirm key to save the self-walking type and self-walking speed, and press the menu key to return to the menu.
	CG50	01-50	
	CH50	01-50	
	CJ50	01-50	
	CL50	01-50	
	CN50	01-50	
	CO50	01-50	
	CP50	01-50	
	CQ50	01-50	
	CR50	01-50	
	CS50	01-50	
	CT50	01-50	
	CU50	01-50	
	CY50	01-50	
SOUD	SO01-SO99		Voice-activated mode
Stat	r000	r000-r255	Red manual dimming, press OK to enter Submenu 2, up key or down key to select brightness size, brightness from small to large. 000 is off, and 255 is the maximum.
	g000	g000-g255	Green manual dimming, press OK to enter Submenu 2, up key or down key to select brightness size, brightness from small to large. 000 is off, and 255 is the maximum.
	b000	b000-b255	Blue manual dimming, press OK to enter Submenu 2, up key or down key to select brightness size, brightness from small to large. 000 is off, and 255 is the maximum.
	w000	w000-b255	White manual dimming, press OK to enter Submenu 2, up key or down key to select brightness size, brightness from small to large. 000 is off, and 255 is the maximum.
	t000	t000-b255	
Temp	C000	TO85	Temperature regulation
Rest	On/Off		Factory data reset

DMX CHART

4 Channel Mode

Channel	Value	Function Declaration
1	000-255	R Red light bead dimming
2	000-255	G Green light bead dimming
3	000-255	B Blue light bead dimming
4	000-255	W White light bead dimming

12 Channel Mode

Channel	Value	Function Declaration
1	000-255	Total Dimmer
2	000-255	Stroboscopic
3	000-255	Color bar, color of pattern effect, 32 values per color
4	000-255	RGB self-walking mode, one effect for every 5 values
5	000-255	RGB self-walking speed, from slow to fast
6	000-255	W strobing
7	000-255	W Self moving mode, with one effect for every 15 values, and brightness determined by 12 CH
8	000-255	W Self moving speed, from slow to fast (self-walking effect background color)
9	000-255	R Red light bead dimming (self-walking effect background color)
10	000-255	G Green light bead dimming (self-walking effect background color)
11	000-255	B Blue light bead dimming (self-walking effect background color)
12	000-255	W White light bead dimming (self-walking effect background color)

86-108 Channel Mode

Channel	Value	Function Declaration
1	000-255	Dimmer
2	000-255	Strobe
3	000-255	1 Red
4	000-255	1 Green
5	000-255	1 Blue
6	000-255	2 Red
7	000-255	2 Green
8	000-255	2 Blue
9	000-255	3 Red
10	000-255	3 Green
11	000-255	3 Blue
12	000-255	4 Red
13	000-255	4 Green
14	000-255	4 Blue
15	000-255	5 Red
16	000-255	5 Green
17	000-255	5 Blue
18	000-255	6 Red
19	000-255	6 Green
20	000-255	6 Blue
21	000-255	7 Red
22	000-255	7 Green
23	000-255	7 Blue
24	000-255	8 Red
25	000-255	8 Green
26	000-255	8 Blue
27	000-255	9 Red
28	000-255	9 Green
29	000-255	9 Blue
30
31
...


Channel	Value	Function Declaration
72	000-255	24 Red
73	000-255	24 Green
74	000-255	24 Blue
75	000-255	White 1
76	000-255	Empty
77	000-255	Empty
78	000-255	White 2
79	000-255	Empty
80	000-255	Empty
81	000-255	White 3
82	000-255	Empty
83	000-255	Empty
84	000-255	White 4
85	000-255	Empty
86	000-255	Empty
87	000-255	White 5
88	000-255	Empty
89	000-255	Empty
90	000-255	White 6
91	000-255	Empty
92	000-255	Empty
93	000-255	White 7
94	000-255	Empty
95	000-255	Empty
96	000-255	White 8
97	000-255	Empty
98	000-255	Empty
99	000-255	White 9
100	000-255	Empty
101	000-255	Empty
102	000-255	White 10
103	000-255	Empty

104	000-255	Empty
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Channel	Value	Function Declaration
105	000-255	White 11
106	000-255	Empty
107	000-255	Empty
108	000-255	White 12



Documents / Resources

	<p>Flash-Butrym F9700385 LED Strobe [pdf] User Manual F9700385 LED Strobe, F9700385, LED Strobe, Strobe</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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