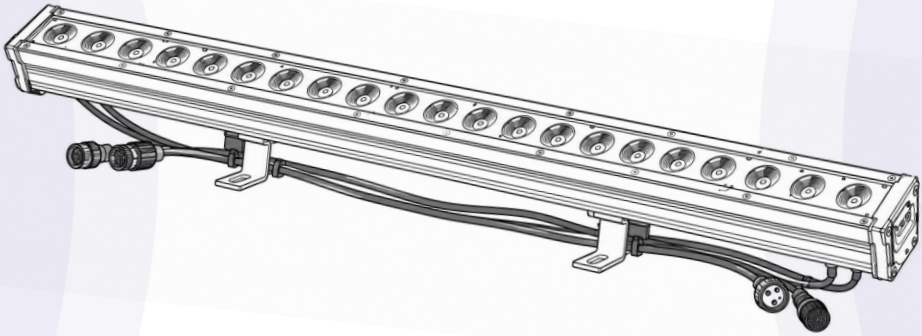
series DJ by FLASH



USER MANUAL

LedBar 185 +A IP

F7200213

CE IP65 RoHS compliant EAC

1. INTRODUCTION

THANK YOU FOR PURCHASING THE **FLASH DJ LEDBAR 185+A IP**. FOR SAFETY REASONS AND TO ENSURE RELIABLE OPERATION AND THE BEST POSSIBLE PERFORMANCE OF THE DEVICE, PLEASE READ THIS USER MANUAL CAREFULLY BEFORE USE.

2. SAFETY INSTRUCTIONS

Before installing and operating the device, read this user manual carefully.

The device has an IP65 protection rating, is weather-resistant, and is suitable for outdoor use. Do not immerse the device in water. All waterproof connectors must be properly connected and tightened to maintain the IP65 protection rating.

Before connecting the device, make sure that the mains supply parameters comply with the requirements of the device.

The device must only be connected to a properly grounded power supply.

Do not use the device or cables if they show visible signs of damage.

Disconnect the device from the power supply before cleaning, maintenance, or installation.

The device must be installed securely using mounting hardware suitable for the installation location and method.

When installing the device above areas where people may be present, an independent secondary safety attachment suitable for the weight of the device must be used.

Do not look directly into the light source while the device is operating.

Do not open the housing or make any unauthorized modifications. All repairs must be carried out by qualified service personnel.

3. PRODUCT INFORMATION

- Power supply: AC 100–240 V, 50–60 Hz
- Power consumption: 100 W
- Light source: 18 × 5 W RGBWA LED
- Number of sections: 18, individually controlled
- Color mixing: RGBWA, 8-bit
- Dimming: 8-bit
- Beam angle: 25°
- Strobe: 1–20 Hz
- DMX modes: 9 / 94 CH
- Operating modes: DMX, Auto, Sound, Master-Slave
- Power IN / OUT: waterproof 3-pin connectors
- DMX IN / OUT: waterproof 3-pin DMX connectors
- IP rating: Ip65
- Dimensions / weight: 100 × 12.5 × 8 cm / 3.6 kg

4. INSTALLATION

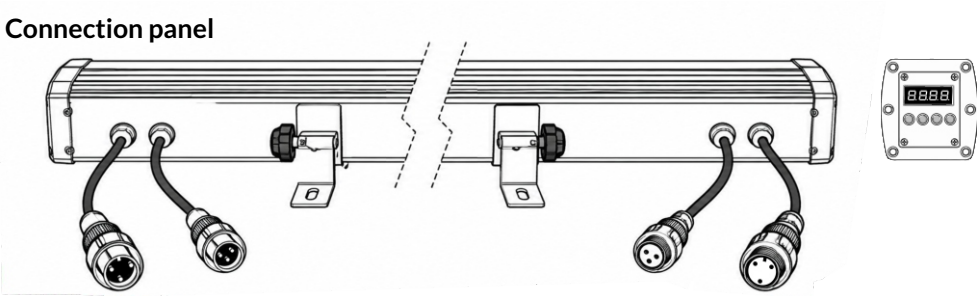
The device must be installed securely using the mounting brackets provided for this purpose.

Before operating the device, make sure that:
the device is correctly and securely mounted,
the installation location provides adequate ventilation,
the cables are protected against mechanical damage,
for suspended installation, an independent secondary safety attachment is used.

Do not install the device in locations exposed to water, moisture, or excessive dust.

5. CONNECTIONS

Connection panel



The device is equipped with four cables terminated with waterproof, screw-lock power and DMX connectors:

POWER IN – power input, waterproof 3-pin connector
POWER OUT – power output, waterproof 3-pin connector
DMX IN – DMX signal input, waterproof 3-pin connector
DMX OUT – DMX signal output, waterproof 3-pin connector

Connecting the power supply

The device is designed to operate with a supply voltage of AC 100–240 V, 50–60 Hz. Power consumption is 100 W.

The POWER IN cable is used to connect the power supply, while POWER OUT allows power to be supplied to the next device.

Before connecting the device, check the condition of the cables and make sure that the mains supply parameters comply with the requirements of the device. All waterproof connectors must be properly connected and tightened to maintain the IP65 protection rating.

DMX signal connection

The DMX IN and DMX OUT connectors are used to control the device via the DMX512 protocol.

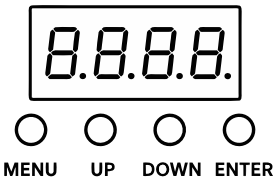
To connect the device to a standard XLR connector, use the supplied control cable with the appropriate adapter.

Devices should be connected in a daisy chain: connect the DMX OUT of the first device to the DMX IN of the next device. For long DMX lines, it is recommended to use a 120 terminator connected to the DMX OUT of the last device.

When using the device outdoors, make sure that all DMX connections are properly protected against water and moisture.

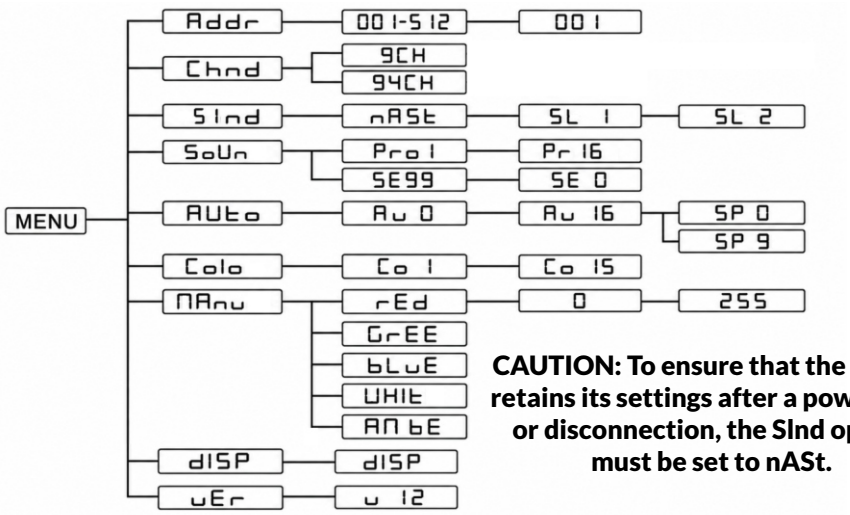
6. DEVICE MENU AND SETTINGS

The buttons located below the display are used to navigate the menu:
MENU – enter menu / return
UP – increase value / previous option
DOWN – decrease value / next option
ENTER – confirm selection



CAUTION: To use the **Auto, Color, Manual** or **Sound modes,** the **SInd** option must be set to **nASt.**

IMPORTANT: Settings must be confirmed by pressing **ENTER.**



CAUTION: To ensure that the device retains its settings after a power loss or disconnection, the SInd option must be set to nASt.

Addr – DMX address setting - Range: 001–512. Allows you to set the DMX start address of the device.
Chnd – DMX mode selection - Available modes: 9CH / 94CH.
SInd – Master-Slave mode setting - Available settings: nASt / SL1 / SL2. Allows you to configure the device for Master-Slave operation.
Sound – sound-controlled mode - Pr: 0–16 – sound-controlled program selection, SE: 00–99 – microphone sensitivity adjustment.
Auto – automatic mode - Range: 0–16. Allows you to select one of the built-in automatic programs.
Speed – program speed - Range: 1–9. Adjusts the speed of the automatic program.
Color – preset colors - Range: 1–15. Allows you to select a preset color.
Manual – manual color adjustment - Allows individual adjustment of Red, Green, Blue, White and Amber in the range 000–255.
Display – display orientation - Allows you to rotate the display orientation.
Version – software version - Displays the current software version of the device.

7. DMX CHARTS

9 CH Mode			
Channel	**Function**	**DMX Value**	**Description**
1	Dimmer	000–255	Dimming 0–100%
2	Strobe	000–255	Strobe effect
3	Red	000–255	Red 0–100%
4	Green	000–255	Green 0–100%
5	Blue	000–255	Blue 0–100%
6	White	000–255	White 0–100%
7	Amber	000–255	Amber 0–100%
8	Auto / Sound	000–007	No function
		008–022	Auto 1
		023–037	Auto 2
		038–052	Auto 3
		053–067	Auto 4
		068–082	Auto 5
		083–097	Auto 6
		098–112	Auto 7
		113–127	Auto 8
		128–143	Auto 9
		144–157	Auto 10
		158–172	Auto 11
		173–187	Auto 12
		188–202	Auto 13
		203–217	Auto 14
		218–232	Auto 15
		233–247	Auto 16
		248–255	Sound
9	Auto Speed	000–255	Automatic program speed

94 CH Mode			
Channel	**Function**	**DMX Value**	**Description**
1	Dimmer	000–255	Dimming 0–100%
2	Strobe	000–255	Strobe effect
3	Red 1	000–255	Pixel 1 – Red
4	Green 1	000–255	Pixel 1 – Green
5	Blue 1	000–255	Pixel 1 – Blue
6	White 1	000–255	Pixel 1 – White
7	Amber 1	000–255	Pixel 1 – Amber

8	Red 2	000–255	Pixel 2 – Red
9	Green 2	000–255	Pixel 2 – Green
10	Blue 2	000–255	Pixel 2 – Blue
11	White 2	000–255	Pixel 2 – White
12	Amber 2	000–255	Pixel 2 – Amber
13	Red 3	000–255	Pixel 3 – Red
14	Green 3	000–255	Pixel 3 – Green
15	Blue 3	000–255	Pixel 3 – Blue
16	White 3	000–255	Pixel 3 – White
17	Amber 3	000–255	Pixel 3 – Amber
18	Red 4	000–255	Pixel 4 – Red
19	Green 4	000–255	Pixel 4 – Green
20	Blue 4	000–255	Pixel 4 – Blue
21	White 4	000–255	Pixel 4 – White
22	Amber 4	000–255	Pixel 4 – Amber
...	...	...	**Pixels 5–17 – analogous RGBWA layout**
88	Red 18	000–255	Pixel 18 – Red
89	Green 18	000–255	Pixel 18 – Green
90	Blue 18	000–255	Pixel 18 – Blue
91	White 18	000–255	Pixel 18 – White
92	Amber 18	000–255	Pixel 18 – Amber
93	Auto / Sound	000–007	No function
		008–022	Auto 1
		023–037	Auto 2
		038–052	Auto 3
		053–067	Auto 4
		068–082	Auto 5
		083–097	Auto 6
		098–112	Auto 7
		113–127	Auto 8
		128–143	Auto 9
		144–157	Auto 10
		158–172	Auto 11
		173–187	Auto 12
		188–202	Auto 13
		203–217	Auto 14
		218–232	Auto 15
		233–247	Auto 16
		248–255	Sound
94	Auto Speed	000–255	Automatic program speed



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