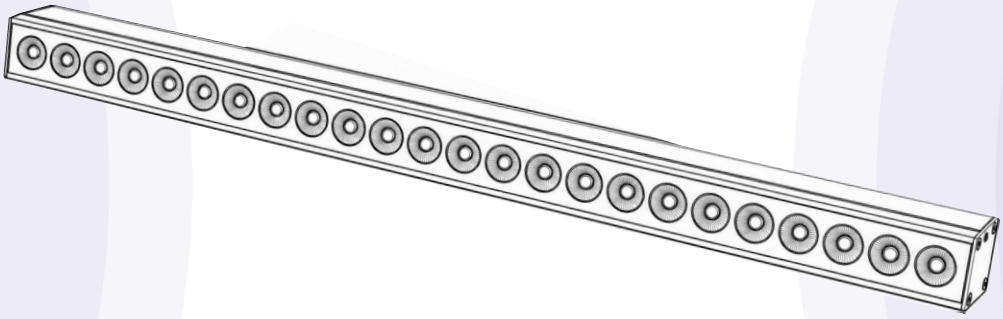
series DJ by FLASH



USER MANUAL

LedBar 243 RGB

F7200208

1. INTRODUCTION

THANK YOU FOR PURCHASING THE **FLASH DJ LEDBAR 243 RGB**. 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 is intended for indoor use only (Ip20). Protect it from water and moisture.

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.

Ensure adequate airflow around the device and do not block the ventilation openings.
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: 80 W
□ Light source: 24 × 3 W RGB LED
□ Number of sections: 8, individually controlled
□ Color mixing: RGB, 8-bit
□ Dimming: 8-bit
□ Strobe: 1–20 Hz
□ DMX modes: 5 / 8 / 14 / 26 / 50 CH
□ Operating modes: DMX, Auto, Sound, Master-Slave
□ Power IN / OUT: PowerCON
□ DMX IN / OUT: 3-pin XLR
□ IP rating: Ip20
□ Dimensions: 100 × 6 × 7 cm
□ Weight: 2 kg

4. INSTALLATION

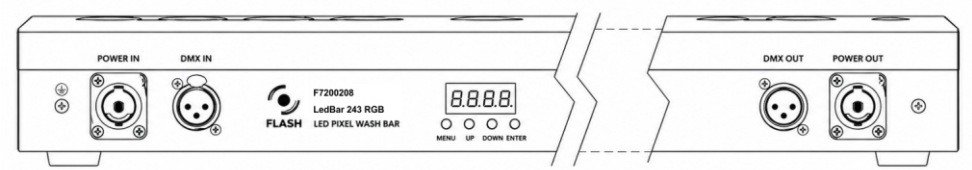
The device must be installed securely using the mounting brackets provided for this purpose.

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 power and DMX control connectors:

POWER IN – power input
POWER OUT – power output for connecting the next device
DMX IN – DMX signal input, 3-pin XLR
DMX OUT – DMX signal output, 3-pin XLR

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 80 W.

The POWER IN connector is used to connect the power supply, while the POWER OUT connector 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.

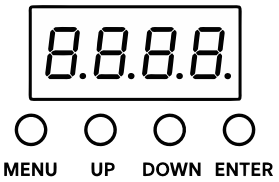
DMX signal connection

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

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 Ω terminator connected to the DMX OUT of the last device.

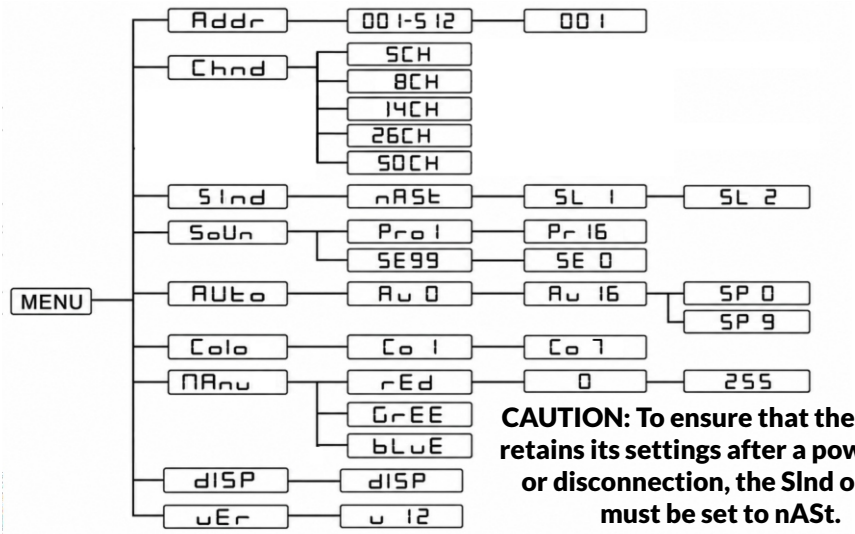
6. DEVICE MENU AND SETTINGS

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: 5CH / 8CH / 14CH / 26CH / 50CH.
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: 1–7. Allows you to select a preset color.
Manual – manual color adjustment - Allows individual adjustment of Red, Green, Blue 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

5 CH Mode			
Channel	**Function**	**DMX Value**	**Description**
1	RED	000 - 255	Red 0–100%
2	GREEN	000 - 255	Green 0–100%
3	BLUE	000 - 255	Blue 0–100%
4	AUTO PROGRAM	000 - 255	Automatic program
5	SPEED	000 - 255	Automatic program speed

8 CH Mode			
Channel	**Function**	**DMX Value**	**Description**
1	DIMMER	000 - 255	Dimming 0–100%
2	STROBO	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	COLOR CHASE		-> **COLOR CHASE** table
7	AUTO PROGRAM	000 - 255	Automatic program
8	**SPEED**	000 - 255	Automatic program speed

14 CH Mode			
Channel	**Function**	**DMX Value**	**Description**
1	**DIMMER**	000 - 255	Dimming 0–100%
2	STROBO	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	AUTO PROGRAM	000 - 255	Automatic program
7	**DIMMER 2**	000 - 255	Dimming 0–100%
8	STROBO	000 - 255	Strobe effect
9	RED	000 - 255	Red 0–100%
10	GREEN	000 - 255	Green 0–100%
11	BLUE	000 - 255	Blue 0–100%
12	AUTO PROGRAM	000 - 255	Automatic program
13	AUTO PROGRAM ALL	000 - 255	Auto. program – all sections
14	**SPEED**	000 - 255	Automatic program speed

26 CH Mode			
Channel	**Function**	**DMX Value**	**Description**
1	**DIMMER**	000 - 255	Dimming 0–100%
2	STROBO	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	AUTO PROGRAM	000 - 255	Automatic program
7	**DIMMER 2**	000 - 255	Dimming 0–100%
8	STROBO	000 - 255	Strobe effect
9	RED	000 - 255	Red 0–100%
10	GREEN	000 - 255	Green 0–100%
11	BLUE	000 - 255	Blue 0–100%
12	AUTO PROGRAM	000 - 255	Automatic program
13	**DIMMER 3**	000 - 255	Dimming 0–100%
14	STROBO	000 - 255	Strobe effect
15	RED	000 - 255	Red 0–100%
16	GREEN	000 - 255	Green 0–100%
17	BLUE	000 - 255	Blue 0–100%
18	AUTO PROGRAM	000 - 255	Automatic program
19	**DIMMER 4**	000 - 255	Dimming 0–100%
20	STROBO	000 - 255	Strobe effect
21	RED	000 - 255	Red 0–100%
22	GREEN	000 - 255	Green 0–100%
23	BLUE	000 - 255	Blue 0–100%
24	AUTO PROGRAM	000 - 255	Automatic program
25	AUTO PROGRAM ALL	000 - 255	Auto. program – all sections
26	**SPEED**	000 - 255	Automatic program speed

50 CH Mode			
Channel	**Function**	**DMX Value**	**Description**
1	**DIMMER**	000 - 255	Dimming 0–100%
2	STROBO	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	AUTO PROGRAM	000 - 255	Automatic program
7	**DIMMER 2**	000 - 255	Dimming 0–100%
8	STROBO	000 - 255	Strobe effect
9	RED	000 - 255	Red 0–100%
10	GREEN	000 - 255	Green 0–100%

11	BLUE	000 - 255	Blue 0–100%
12	AUTO PROGRAM	000 - 255	Automatic program
13	**DIMMER 3**	000 - 255	Dimming 0–100%
14	STROBO	000 - 255	Strobe effect
15	RED	000 - 255	Red 0–100%
16	GREEN	000 - 255	Green 0–100%
17	BLUE	000 - 255	Blue 0–100%
18	AUTO PROGRAM	000 - 255	Automatic program
19	**DIMMER 4**	000 - 255	Dimming 0–100%
20	STROBO	000 - 255	Strobe effect
21	RED	000 - 255	Red 0–100%
22	GREEN	000 - 255	Green 0–100%
23	BLUE	000 - 255	Blue 0–100%
24	AUTO PROGRAM	000 - 255	Automatic program
25	**DIMMER 5**	000 - 255	Dimming 0–100%
26	STROBO	000 - 255	Strobe effect
27	RED	000 - 255	Red 0–100%
28	GREEN	000 - 255	Green 0–100%
29	BLUE	000 - 255	Blue 0–100%
30	AUTO PROGRAM	000 - 255	Automatic program
31	**DIMMER 6**	000 - 255	Dimming 0–100%
32	STROBO	000 - 255	Strobe effect
33	RED	000 - 255	Red 0–100%
34	GREEN	000 - 255	Green 0–100%
35	BLUE	000 - 255	Blue 0–100%
36	AUTO PROGRAM	000 - 255	Automatic program
37	**DIMMER 7**	000 - 255	Dimming 0–100%
38	STROBO	000 - 255	Strobe effect
39	RED	000 - 255	Red 0–100%
40	GREEN	000 - 255	Green 0–100%
41	BLUE	000 - 255	Blue 0–100%
42	AUTO PROGRAM	000 - 255	Automatic program
43	**DIMMER 8**	000 - 255	Dimming 0–100%
44	STROBO	000 - 255	Strobe effect
45	RED	000 - 255	Red 0–100%
46	GREEN	000 - 255	Green 0–100%
47	BLUE	000 - 255	Blue 0–100%
48	AUTO PROGRAM	000 - 255	Automatic program
49	AUTO PROGRAM ALL	000 - 255	Auto. program – all sections
50	**SPEED**	000 - 255	Automatic program speed

COLOR CHASE Table	
000 – 007	NO FUNCTION
008 - 022	COLOR EFFECT 1
023 – 037	COLOR EFFECT 2
038 - 052	COLOR EFFECT 3
053 - 067	COLOR EFFECT 4
068 – 082	COLOR EFFECT 5
083 – 097	COLOR EFFECT 6
098 - 112	COLOR EFFECT 7
113 - 127	COLOR EFFECT 8
128 - 142	COLOR EFFECT 9
143 - 157	COLOR EFFECT 10
158 - 172	COLOR EFFECT 11
173 - 187	COLOR EFFECT 12
188 - 202	COLOR EFFECT 13
203 - 217	COLOR EFFECT 14
218 - 232	COLOR EFFECT 15
233 - 247	COLOR EFFECT 16
248 - 255	**SOUND ACTIVE 1 - 16**



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