

NEBULA FLAT 81

INDOOR DMX LED WASHER



USER MANUAL | MANUAL DE USUARIO

PLEASE READ THE INSTRUCTIONS CAREFULLY BEFORE USE
POR FAVOR LEA LAS INSTRUCCIONES ANTES DE USAR



1. OVERVIEW

NEBULA FLAT 81

INDOOR DMX LED WASHER · 54 X 3-IN-1 RGB 1.5 W LEDS

NEBULA FLAT 81 is a high performance indoor LED washer that features 54 x 1.5W 3-in-1 RGB LEDs. This fixture has a slim design and is ideal for use in stages, theaters and various events where it is sought to cover spaces efficiently. **NEBULA FLAT 81** incorporates ring control and is an excellent tool for creating sophisticated environments. It provides great flexibility thanks to its 4 operational modes (DMX, Master/Slave, sound-active and auto).

Control

- DMX channels: 3/7
- Operational modes: DMX, Master & Slave and Autorhythmic.

Physical

- LED display
- DMX connectors: 2 XLR connectors (XLR-3N Input and Output)
- Dimensions: 210x210x104 mm.
- Weight: 1.9 Kg.

Specifications

Source & Optics

- Light source: 54 x 1.5W 3-in-1 RGB LEDs
- Average lifespan: 50,000 hours
- Beam angle: 26°

Effects & Functions

- Dimmer: Full range 0-100% overall & for all colors
- Strobe effect
- Integrated programs
- 3-in-1 LED technology: RGB soft mix without multicolored shadows

2. SAFETY INSTRUCTIONS



Please read the instruction carefully which includes important information about the installation, usage and maintenance.

ATTENTION

1. Please read these operating instructions carefully to familiarize you with basic operations of this unit BEFORE USE.
2. Without permitted, it is prohibited to spread the contents of this manual to others.
3. This manual is only to provide related information, and the contents of this manual will be changed at any time without notice.
4. Unless the instructions have already stated, please do not freely modified the unit.

SAFETY TIPS

1. Before installation and maintenance, please confirm the power is OFF. Make sure that the ventilation around the unit is good.
2. The lighting is designed for indoor demonstration, please do not use this product in a wet environment for long-term.
3. The use and maintenance of this unit should avoid contact with water. when using it outdoor, please takewaterproofing measures.
4. Personnel, who to take the installation, operation and maintenance, must be familiar with the lighting performance. Most of the damage is resulted from unfamiliar with its performance.
5. Please do not face up to the luminous unit for a long time, so as not to cause discomfort to your eyes.
6. Please often wipe the unit with a clean cloth.

3. SPECIAL FUNCTION DESCRIPTION

Put on the **MENU** Button until the '0000', and the first site strobe , then loosen the button, **MENU** is the Function transforming button , **UP ENTER** is the confirming button.

NO	CONTENT	NUMERICAL	FUNCTION AND DESCRIPTION		
1	000	000	All lights OFF		
2	R255	000-255	Red current setting, from small to big ,from dark to bright.		
3	G255	000-255	Green current setting, from small to big ,from dark to bright.		
4	B255	000-255	Blue current setting, from small to big ,from dark to bright.		
5	RGBU	-	All lights ON.		
6	PJ12	-	Program edition.		
7	NOD1	1/4	Channel mode display 4 is 7channel mode RGB adjust.		
8	TH90	64-99			
9	TL70	60-95	11	FU24	24/6
10	P220	50-250	12	F55	45-70

4. DMX CHANNELS

7 CHANNEL MODE

CHANNEL	FUNCTION	DESCRIPTION
CH1	000-255	General dimming 0% — 100%
CH2	000-255	Red Dimming 0% — 100%
CH3	000-255	Green Dimming 0% — 100%
CH4	000-255	Blue Dimming 0% — 100%
CH5	000-255	Strobe speed, from slow — fast.
CH6	000-255	0—50 : DMX dimming; 51-100 · color output (8type) · 101—150: shade; 151—200 : transform 201-250 pulse transform; 251—255 : sound-activated (the channel should iuse with CH6 and CH7)
CH 7	Speed CH6 0-250	Speed, 0-255 from slow to fast (color output is choosen color)
	0-30	Sound activated Red
	3-60	Sound activated Green
	61-92	Sound activated Blue
	93-123	Sound activated Warm-White
	124-154	Sound activated Yellow
	155-185	Sound activated Violet
	186-216	Sound activated Change
	217-247	Sound activated White
	248-255	Sound activated Change color.

3 CHANNEL MODE

CHANNEL	FUNCTION	DESCRIPTION
CH1	R Dimming	Red Dimming 0% — 100%
CH2	G Dimming	Green Dimming 0% — 100%
CH3	B Dimming	Blue Dimming 0% — 100%



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