



Magic PAR 21 RGBW

User Manual

Table of Contents

1 Introduction	2
2 Safety information.....	2
2.1 Specification	2
3 Installation	4
4 Connections	4
4.1 Connecting DMX signal.....	4
4.2 Voltage specification	4
4.3 Connecting power supply	5
5 Manual Operation	5
5.1 Control panel	5
5.2 Menu	6
5.3 DMX channel list	7

1: INTRODUCTION

Thank you for purchasing the Acue Lighting Magic 18 RGBWW 4in1 LED par light. Please read this manual carefully for safety reasons and to ensure trouble-free operation.

2: SAFETY INFORMATION

1. Installation should be done by qualified personnel in order to minimize the risk of accidental electric shock.
2. Disconnect the power cable before installation.
3. Before connecting the unit to the main power source, make sure it is not damaged. If you notice any signs of damage you immediately replace the power cord. Do not connect the device to the main power source using a damaged cable.
4. Do not use the device in high humidity conditions and at temperatures above 40° C
5. The device must be installed on stable structures using proper clamps or brackets.

2.1 Specifications

- Power consumption: 270W
- Power supply voltage: 95 - 240V
- Voltage frequency: 50/60Hz
- Diode type: 4in1 RGBW
- Number of diodes: 21
- Diode power: 10W
- Display: LED - 4 character display
- Color: RGBW
- Dimming: Linear: 0 - 100%
- Number of DMX channels: 4/8
- DMX standard: DMX 512
- Control interface: 4 buttons
- Operating modes: DMX, Master/Slave, Sound control, Auto mode
- AC IN: Dedicated powercon input connector
- AC OUT: Dedicated powercon output connector
- DMX IN: XLR - dedicated DMX input plug 3-pin XLR
- DMX OUT: dedicated DMX plug output 3-pin XLR
- IP Rating: IP19 (suitable for indoor use only)
- Housing material: Aluminum
- Cooling: Forced air fan cooling
- Height [in]: 10
- Width [in]: 11
- Depth [in]: 3
- Weight [lb]: 5
- Weight with packaging [lb]: 5.5
- Packaging includes: Fixture & dedicated powercon power cable

3: INSTALLATION

After removing the fixture from the packaging, check if the fixture was not damaged during transport. Before connecting to the mains, make sure that the device is securely mounted. The manufacturer is not responsible for damage caused by unstable mounting.

Ensure proper connection to the mains and proper grounding. Make sure that the electrical parameters are consistent with device requirements. All activities, including connecting the device to the mains must be performed by qualified personnel.

4: CONNECTIONS

The device is equipped with the following interfaces:

1. DMX (in/out): XLR 3-pin
2. Power (in/out): integrated power cord/dedicated IP65 plug

4.1 Connecting DMX signal

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

4.2 Voltage specification

Input Voltage: 95~240V

Max Power Draw: 270w

4.3 Connecting power supply

The connection is performed using Powercon power cable (included). The device must be operated by qualified personnel. Make sure that the power grid supply parameters are consistent with device parameters and limitations are not exceeded.

CAUTION!

In the case of cable damage do not attempt to repair. Replacement or repair can be made only by the manufacturer or by a person with appropriate permissions.

5: Manual Operation

5.1 Control panel

The control panel is equipped with LED - 4 characters display and 4 control buttons with the following functions:

1. MENU – enter to main menu, go back from the selected options, cancel changes
2. DOWN – choose option, edit parameter
3. UP – choose option, edit parameter
4. ENTER edit selected option, confirm changes

No	Show	Function	Instruction
1	d001	DMX Address (001~512)	DMX-512 address set, 4 Channels mode
2	A001	DMX Address (001~512)	DMX-512 address set, 8 Channels mode
3	r255	Red (000~255)	UP、DOWN Change brightness
4	G255	Green (000~255)	UP、DOWN Change brightness
5	b255	Blue (000~255)	UP、DOWN Change brightness
6	u255	white (000~255)	UP、DOWN Change brightness
7	FH99	Strobe flash (01~99)	UP、DOWN Change the speed
8	CL01	Different Colors Output (01~08)	UP、DOWN Change brightness
9	CC99	Colors Jump Change (01~99)	UP、DOWN Change the speed
10	DE99	Colors Gradate (01~99)	UP、DOWN Change the speed
11	CP99	Colors Pulse Change (01~99)	UP、DOWN Change the speed
12	SU01	Colors sound-Active (01~09)	UP、DOWN Change the effects

DMX512Control : 8 Channel Model(A001)

CH	Display	Function
CH1	Dimmer	R、G、B、W dimmer : from dark to bright
CH2	R dimmer	R dimmer : from dark to bright
CH3	G dimmer	G dimmer : from dark to bright
CH4	B dimmer	B dimmer : from dark to bright
CH5	W dimmer	W dimmer: from dark to bright
CH6	Strobe	R、G、B、W strobe: from slow to fast
CH7	Function choice	0~50: DMX 8CH Control. 51~100: Different Colors Output 101~150: Colors Jump Change. 151~200: Colors Gradate. 201~250: Colors Pulse Change. 251~255: Sound-Active
CH8	Function speed	Speed function, from slow to fast

DMX512Control : 4Channel Model(D001)

FUNCTION:

Channel	Function	Instruction
CH1	R Dimmer	Dimmer- Dark to Bright
CH2	G Dimmer	Dimmer- Dark to Bright
CH3	B Dimmer	Dimmer- Dark to Bright
CH4	W Dimmer	Dimmer- Dark to Bright

For more information please visit www.AcueLighting.com