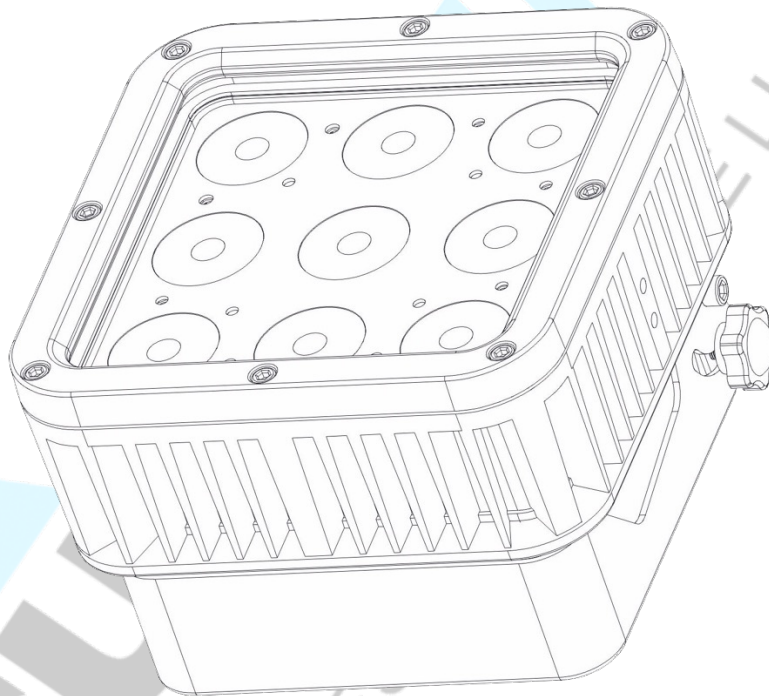


# Acue<sup>®</sup>Lighting

PROFESSIONAL STAGE LIGHTING

  
**Mag<sup>i</sup>c 9 IP<sub>v2</sub>**



**USER MANUAL**

## **1. INTRODUCTION**

Thank you for choosing the Acue Lighting Magic 9 IP v2. To use this product correctly and safely, please read the instructions carefully before installing and using this product. This manual contains important installation and operation information. Make sure to strictly follow the instructions when installing and operating this product. Retain this manual in a safe place for future reference.

The Magic 9 IP v2 uses a high-temperature & moisture resistant Aluminum/Metal body giving it an IP rating of 65. IP65 is a classification given to devices that are dust, water, and moisture resistant. This product is designed and produced in strict accordance with CE standards and conforms to the international standard of DMX512 signal protocol. The Magic 9 IP v2 can be controlled manually from the display, IR remote control, WIFI control using free app, or by DMX using the built-in wireless DMX receiver (wireless DMX sender sold separately) . This fixture has multiple DMX channel modes to choose from. It is suitable for various types of indoor or outdoor concerts, indoor/outdoor events, indoor/outdoor installations, and other like environments.

## **2. SAFETY INSTRUCTIONS**

- Please keep this User Manual for future reference. All users of this fixture must read the user manual thoroughly.
- Unpack and check contents carefully to make sure there is no damage caused by shipping before using the unit.
- Before connecting the charger, ensure that the voltage and frequency of power source match the power requirements of the unit.
- It's important to properly ground the fixture to avoid electric shock.
- The unit is designed for indoor or outdoor use. It is alright to leave outdoors in rain or sun but do not submerge in water. Do not point fixture directly into sunlight. Make sure main power connector is connected to an outlet that is not near water or moisture. Even though the fixture is IP65 rated, the chargers and charging cables are not.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Disconnect main power before moving fixture.
- Make sure there are no flammable materials close to the unit while operating, as it is fire hazard.

- Use safety cable when mounting this unit.
- Do not connect this product to dimmer packs.
- Maximum ambient operating temperature is 40°C. Do not operate if the temperature is higher than this.
- Unit surface temperature may reach up to 85°C. Do not touch the housing bare-handed during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or servicing.
- In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled/ not certified individuals can lead to further damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type of parts.
- **DO NOT CHARGE FIXTURES WITH THE CASE CLOSED. THE LID OF THE CASE MUST BE LEFT OPEN WHEN CHARGING TO RELEASE ANY HEAT GENERATED BY THE CHARGING PROCESS.**

### **3. Maintenance and Installation**

#### **3.1 Maintenance**

- To reduce the risk of electrical shock or fire, do not expose the charger and power cable connector of this unit to rain or moisture.
- Intermittent usage will extend this fixtures service life.
- Please clear the optical lens of any dust or obstructions in order to keep the fixture in a proper working state.
- Do not use alcohol or any other organic solvent to wipe the shell.

#### **3.2 Statement**

All fixtures have been tested thoroughly before leaving the factory. In order to keep the product in good condition and ensure safe operation, users should follow the safety precautions and warnings in this manual.

**Important: Damages caused by not following the guidelines in this user manual are not covered under warranty. The manufacturer is not responsible for product issues caused by misuse.**

### **3.3 Safety Precaution**

- In order to guarantee the product's life expectancy, do not store or use in environments over 60°C.
- If mounting, always mount this unit in a safe and stable manner. Mounting system must be able to withstand 10x that of the fixture's weight. A safety cable must always be used as a secondary source for securing the fixture.
- Installation of this fixture may only be carried out by skilled individuals.
- This product can be used in the voltage range of 90-240V and is an indoor/outdoor product. Please make sure that the power source used is not higher/or lower than what the product can withstand! The power plug must be inserted into a protected Class I socket and must be grounded properly.
- **DO NOT CHARGE FIXTURES WITH THE CASE CLOSED. THE LID OF THE CASE MUST BE LEFT OPEN WHEN CHARGING TO RELEASE ANY HEAT GENERATED BY THE CHARGING PROCESS.**
- In order to make sure the product is used properly, please read this manual carefully.

### **3.4 Battery Safety**

- Do not short circuit the battery.
- Make sure to only use the provided charger to charge the batteries.
- Do not try to open the fixture and replace the battery. The battery is not a user replaceable part.
- Do not expose battery to high heat or flammable materials.
- It is best to store batteries in a cool room and have them charged at least to 50% for best battery life.
- If storing fixtures for longer than 3 months without use it is best to charge and let the batteries run for some time to extend battery life.

## **4. Control Modes**

The Magic 9 IP v2 can run in numerous modes.

### **4.1 Wireless DMX Mode**

The magic 9 IP v2 has a built-in wireless DMX receiver which can receive data directly from a wireless DMX sending unit (not included). There are multiple modes/wireless channels to choose from and are use a 2.4G wireless signal. Make sure the device is set to master mode to receive wireless DMX control

signal. If the device is set to slave, it will receive data from another fixture that is set to master and not from the DMX controller.

#### 4.2 WIFI Mode

To use the WIFI mode, you must follow these steps:

1. Enter sub-menu of "Shows" in LCD display,
2. Select "5.Wifi Mode" to enable Wifi function. The display will show LED\_XXX. The "XXX" is the Wifi ID for this unit.
3. Open the phone's/tablet's Wifi settings page, find the wireless network WLAN, connect to the device named LED\_XXX.
4. Install the mobile device APP by scanning the QR code displayed on the LCD screen, run the mobile phone APP to control the unit.

**NOTE: ONLY ONE MOBILE PHONE CAN BE USED TO CONTROL ONE LIGHT AT A TIME VIA THE WIFI MODE. IF YOU WANT CONTROL MORE QUANTITY, PLEASE SET THE OTHER FIXTURE'S WORK MODE IN DMX MODE**

#### 4.3 IR Control Mode

*Refer to the table below for an explanation of all the IR remotes functions.*

▲	Data +	A	Static Amber	6	Static color	
▼	Data -	UV	Static Red+Blue	7	Static color	
OFF	Switch off light	0	DMX mode	8	Static color	
ON	Switch on light	1	Static color	9	Static color	
R	Static Red	2	Static color	AUTO	Jump mode	
G	Static Green	3	Static color	STROBE	Strobe	
B	Static Blue	4	Static color	FADE	Fade mode	
W	Static White	5	Static color	SOUND	No function	

## 5. Display Operation

DMX	A001~A512	DMX mode, Press up or down to adjust address code	
Shows	1 Auto Color	Press Enter --UP/DOWN to adjust speed from 01-16	Macro function
	2 Auto Fade		
	3 Auto Sudden		
	4 Auto Strobe		
Wifi	Wifi Mode	Press Enter: shows LED_xxx	Controlled by mobile phone APP
Manual	1 Custom Color	Red 0-255	Dimming static color
2		Green 0-255	
3		Blue 0-255	
4		White 0-255	
5		Amber 0-255	
		Strobe 0-255	Strobe from slow to fast
	2 Static	Color: 01	27 static color presets
		.....	
		Color: 27	
Set	1 DMX Channel	5CH	5 DMX channels mode
		7CH	7 DMX channels mode
		9CH	9 DMX channels mode
	2 DMX Signal State	Black	Goes off if DMX signal is disconnected
		Hold	Hold signal if DMX signal is disconnected
	3 2.4g Wireless	WIRELESS	ON/OFF
		MODE	Transmit/Receive
		RESET	No/YES
		CONNECT	No/YES
	4 Infrared	ON/OFF	Enable or disable infrared remote
	5 Display Backlight	0~100%	LCD background
	6 LCD close time	1. open	LCD wake up
		2. 10s	10/30/45/60 seconds without operation, LCD enters sleep mode
		3. 30s	
		4.45s	
5. 60s			
7 Restore Factory	Load default data	Password: 8888	
8 Limit Light	Adjust working current	Password: xxxx, operated only by manufacturer	
9 Battery	ON/OFF	Show battery capacity on display	

	10 BackGroundColor	00~08	Different LCD background color
	11 Menu Lock	ON/OFF	press up/down together for 4 second to release lock

Help	Name: Magic 9IP v2	
	Version: V2.x	Software version
	DMX Channel: Xch	DMX channel mode
	Run Time: x:xx	Work time
	User Time	Work time
	QR code for download mobile phone app	Press UP or DOWN to show this code

## 6. DMX Channels

### ◆ 5 Channel mode

CH	Value	function
1	0~255	Dimming Red
2	0~255	Dimming Green
3	0~255	Dimming Blue
4	0~255	Dimming White
5	0~255	Dimming Amber

### ◆ 7 Channel mode

CH	Value	function
1	0~255	Master dimmer
2	0~255	Strobe from slow to fast
3	0~255	Dimming Red
4	0~255	Dimming Green
5	0~255	Dimming Blue
6	0~255	Dimming White
7	0~255	Dimming Amber

◆ 9 Channel mode

CH	Value	function
1	000~255	Master dimmer
2	000~255	Dimming red
3	000~255	Dimming green
4	000~255	Dimming blue
5	000~255	Dimming white
6	000~255	Dimming amber
7	000~010	Strobe from slow to fast
	011~255	Strobe from slow to fast
8	000~008	No function
	009~060	static color(Chart 1)
	061~120	Jump mode
	121~180	Pule mode
	181~255	Fade mode
9	001~255	Speed for channel 8
		Static color when channel 8=9~50

Channel 9 Value	Function	Channel 9 Value	Function
000 - 007	Red	128 - 135	Static color
008 - 015	Green	136 - 143	Static color
016 - 023	Blue	144 - 151	Static color
024 - 031	White	152 - 159	Static color
032 - 039	Amber	160 - 167	Static color
040 - 047	Red+Green	168 - 175	Static color
048 - 055	Green+Blue	176 - 183	Static color
056 - 063	Red+Blue	184 - 191	Static color
064 - 071	Red+Green+Blue	192 - 199	Static color
072 - 079	Red+White	200 - 207	Static color
080 - 087	Red+Amber	208 - 215	Static color
088 - 095	Green+White	216 - 223	Static color
096 - 103	Static color	224 - 231	Static color
104 - 111	Static color	232 - 239	Static color
112 - 119	Static color	240 - 247	Static color
120 - 127	Static color	248 - 255	Static color



## **7. Technical Specifications**

- Input Voltage for charging: AC110V-240V 50/60HZ
- Light Source: 9x10W RGBWA LEDs (5 in 1)
- Total Power Draw (charger): 45w each when charging
- Beam Angle: 25° Custom lenses
- Battery Capacity: 10400Ah
- Battery Charge Time: 6 hours
- Battery Usage Life: up to 40 hrs single color, up to 5.5 hrs full on (with full charge)
- Battery Cycle Life: ~500 Charge cycles
- Operating Modes: Wireless DMX (built-in), Wifi App control, Manual, Auto, Sound, Master/Slave
- DMX Channels: 5ch ,7ch, & 9ch DMX modes
- Strobe: 1-50Hz
- Adjustable Tilting Base
- IP Rating: IP65 rated (waterproof) not submersible
- Temperature controlled intelligent heat dissipation
- Display: IP65 rated LCD w/touch buttons
- N.W. 3 kg, 6.61 lb (each fixture)

## **8. Warranty**

This product carries a 1-year manufacturer's warranty which covers factory defects or internal issues not caused by the owner/operator of the fixture. Misuse, physical damage, or any other issues caused by misuse by the customer are not covered under manufacturer's warranty. All warranty claims must be handled directly through the manufacturer and not the dealer. Original sales receipt required for all warranty claims. Submit all claims to [Info@AcueLighting.com](mailto:Info@AcueLighting.com).

For more information about this product as well as all our other products please visit:

[www.AcueLighting.com](http://www.AcueLighting.com)

Or contact us directly:

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