User Manual

RGBWUVA 6 Color

Read all cautions and warnings
prior to operation of this
equipment

Protection Against Fire

Fire

1. Maintain a minimum of 1 50cm distance from any type of flame
2. Replace fuse only with the specified type and rating
3. Do not install the unit to close a heat source
4. Make sure cable are properly secured away from unit movement
5. Maximum surface operating temperature 80°

Protection Against Electrical

Electrical

1. Disconnect power before servicing
2. The unit must be earthed (electronically grounded)

Protection Against Mechanical Hazards

Mechanical

1. Use safety chain when hanging unit
2. Use quality clamps or bolts when positioning unit
3. Do not open unit while it is on, risk of electrical shock

Specifications:

Model: Golden Par1815

Light source: TX high power 12X RGBWUVAX18pcs

Input voltage: 90-250v/50-60Hz

Lens: 25/45

Display: LED display

DMX Channel: 6/10 CH

Dimmer: 0-100%;16bit

Connector: Powercon in+out

Data connector: 3pin/5pin DMX XLR

Protection rating: IP20

Dimension: 300x242x123,,

N.W: 4.6KGS

Features

- ●Multi-Colors
- ●Color Strobe
- ●Electronic Dimming 0-100%
- ●DMX-512 protocol

- ● Master/Slave synchronization
- ● LED operation menu with function buttons
- ● Daisy Chain Units Together in DMX Mode
- ●Sound control

Set UP

Power Supply: Before plugging your unit in, be sure the source voltage in your area matches the voltage required for your every suit. Every unit is available in 90V-240v version. Because line voltage may vary from venue to venue, you should be sure your unit voltage matches the wall outlet voltage before attempting to operate you unit.

DMX Linking: To ensure proper DMX data transmission, when using several DMX units try to use the shortest cable path possible. The order in which units are connected in a DMX line does not influence the DMX addressing. For example; a unit assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a unit is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

Operating Instructions

Operating Modes: You can use the suit in 4 ways:

- ● Auto Mode-The unit will automatically chase through the different colors.
- ● DMX control mode – This function will allow you to control each individual units traits with a standard DMX 512 controller.
- ● Sound control mode- When music play. The unit will work with music beat.
- ● Master-slave mode – One unit will work as the master in the one of the above three modes, other units in the chain will work in synchronization towards the master.
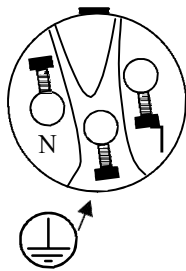
Main Power Connection

Caution!

1. Do not connect fixture to a dimmer system.
2. This unit has Auto switching power supply. It will respond to 110V or 220V automatically This unit must be earthed.
3. (electronically grounded)
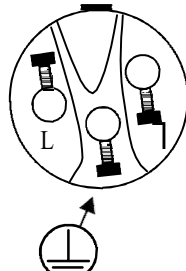4. Replace fuse only with the specified type and rating.

The occupation of the connection-cable is as follows:

This fixture is equipped with an electronic power supply that will let the unit operate from 90V to 240V from 50Hz to 60Hz

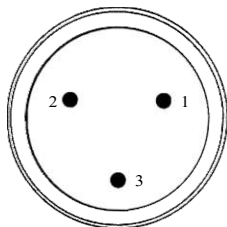| Cable (USA)	Cable (EU)	Pin	110V	220V
Black	Brown	Live	L	L
White	Light Blue	Neutral	N	L
Green	Yellow/Green	Ground	⏚	⏚

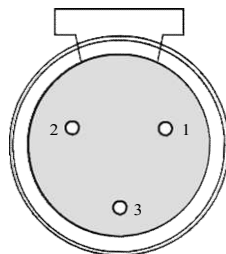110V Connection   220V Connection

DMX-512 Connection

The fixture is equipped with 3 pin XLR Sockets for DMX input and output. The sockets are wired in parallel. Only use a shielded twisted pair cable designed for RS-485 and 3 pin XLR plugs and connectors in order to connect the controller with the fixture or the fixture with another.

DMX—input   **DMX—output**

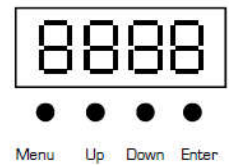| 1. Shield |
| 2. Signal (-) |
| 3. Signal (+) |

Caution!

At the last fixture the DMX signal needs to be terminated with a terminator. Solder a 120 Ohm resistor between the (-) and the (+) signal into a 3 pin XLR plug and plug it into the last fixture on the signal run. Pre-manufactured terminator plugs are available.

Main Control Menu

The control board on the fixture base is your Interface to access and control all the functions on the unit. Its digital display gives you a code view of the options and functions. The following will explain each function and its options

Menu   Up   Down   Enter

6CH	10CH	Color Snap	Color Fade	Color Pulse	Sound
d001	A001	CC00	8888	8888	8888

Red	Green	Blue	White	Amber	UV
r000	G000	b000	E000	Y000	u000

`d001` **6CH mode**

Press Enter to select. Use the up/down keys to select 6 channel mode. Press Enter to confirm.

`A001` **10CH mode**

Press Enter to select. Use the up/down keys to select 10 channel mode. Press Enter confirm.

`CC00` **Color Snap**

This function allows you to select color snap mode from one color to another. Press Enter to use the up/down keys to select desired speed setting. Press Enter to confirm the settings.

`8888` **Color Fade**

This function allows you to fade LEDs from one color to another. Press Enter to use the up/down keys to select desired speed setting. Press Enter to confirm the settings.

`8888` **Color Pulse**

This function allows you to change pulse color from one color to another. Press Enter to use the up/down keys to select desired speed setting. Press Enter to confirm the settings.

`8888` **Sound**

This function allows you to set the fixture be Sound control. Press Enter to confirm.

`r000` **Red**

This function allows you to dim red LED's on the whole module. Press Enter to use the up/down keys to select desired dimmer setting. Press Enter to confirm the settings.

`GOOO` **Green**

This function allows you to dim greenLED's on the whole module. Press Enter to use the up/down keys to select desired dimmer setting. Press Enter to confirm the settings.

`bOOO` **Blue**

This function allows you to dim blue LED's on the whole module. Press Enter to use the up/down keys to select desired dimmer setting. Press Enter to confirm the settings.

`EOOO` **White**

This function allows you to dim white LED's on the whole module. Press Enter to use the up/down keys to select desired dimmer setting. Press Enter to confirm the settings.

`YOOO` **Amber**

This function allows you to dim amber LED's on the whole module. Press Enter to use the up/down keys to select desired dimmer setting. Press Enter to confirm the settings.

`UOOO` **UV**

This function allows you to dim UV LED's on the whole module. Press Enter to use the up/down keys to select desired dimmer setting. Press Enter to confirm the settings.

6 channels mode

Channel	Function	Description	Value
1	LED Color	Red LED Intensity	000-255
2	LED Color	Green LED Intensity	000-255
3	LED Color	Blue LED Intensity	000-255
4	LED Color	White LED Intensity	000-255
5	LED Color	Amber LED Intensity	000-255
6	LED Color	UV LED Intensity	000-255

10 channel mode

Channel	Function	Description	Value
1	Dimmer	Off/On	000-255
2	Strobe	Slow to fast	000-255
3	Macro	DMX control	000-050
		Color snap	051-100
		Color fade	101-150
		Pulse fade	151-200
		Sound control	201-255
4	Speed	Slow to fast	000-255
5	LED Color	Red LED Intensity	000-255
6	LED Color	Green LED Intensity	000-255
7	LED Color	Blue LED Intensity	000-255

8	LED Color	White LED Intensity	000-255
9	LED Color	Amber LED Intensity	000-255
10	LED Color	UV LED Intensity	000-255

Cleaning

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe off the outside casing.
2. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. Always be sure to dry all parts completely before plugging the unit back in.

Cleaning frequency depends on the environment in which the unit operates (i.e. smoke, fog residue, dust, dew).

Trouble Shooting

Listed below are a few common problems the user may encounter, with solutions.

Unit not responding to DMX:

Check that the DMX cables are connected properly and are wired correctly (pin 3 is "hot"; on some other DMX devices pin 5 may be "hot"). Also, check that all cables are connected to the right connectors;   it does matter which way the inputs and outputs are connected.