eco Stage

User Manual

LED ZOOM PAR64 COB 200W

WW+CW 2IN1 IP

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1. Safety instructions

This device is suitable for indoor use only.

All modifications to the device will void the warranty.

Repairs are to carry out by skilled personnel only.

Use only fuses of the same type and original parts as spare parts.

Protect the unit from rain and humidity to avoid fire and electric shocks.

Make sure to unplug the power supply before opening the housing.

1.1. FOR SAFE AND EFFICIENT OPERATION

Be careful with heat and extreme temperature

Avoid exposing it to direct rays of the sun or near a heating appliance.
Not put it in a temperature bellow 32°F /0°C, or exceeding 104°F /40°C.

Keep away from humidity, water and dust

Do not place the set in a location with high humidity or lots of dust.
Containers with water should not be placed on the set.

Keep away from sources of hum and noise

Such as transformer motor, tuner, TV set and amplifier.

To avoid placing on un-stable location

Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning

Use a clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

If out of work, contact sales agency immediately

Any troubles arose, remove the power plug soon, and contact with an engineer for repairing, do not open the cabinet by yourself, it might result a danger of electric shock.

Take care with the power cable

Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug. When not using the device for an extended period of time, be sure to disconnect the plug from the receptacle.

Important: Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems. Make sure the electrical connection is carried out by qualified personnel. All electrical and mechanical connections have to be carried out according to the European safety standards.

2. Technical Information

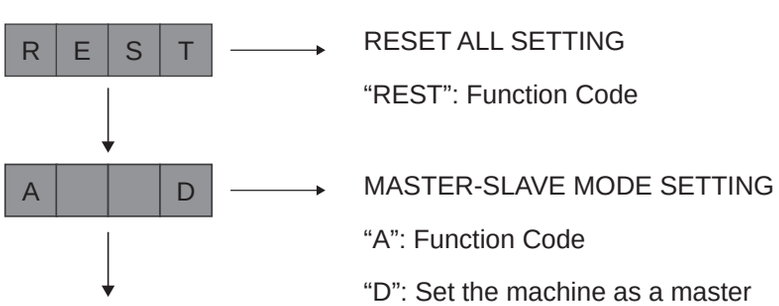
- DMX 512 control
- DMX Modes with 1, 2, 3, 4, 5, 6, 7 Channels
- Sound controlled via built-in microphone
- Adjustable sound sensitivity; Linear and curve lighting option

- Function: Built-in programs
  Strobe effect with adjustable speed
  Dimmer
  Master/slave
- LED-display
- 3 Pin XLR in/out (IP65); Powercon in/out (IP65)
- 1 x 200W COB LEDs Warm White + Cold White
- Beam Angle: 10 ~ 40 degree, manual adjustable
- Power Max. 250W
- Power input AC 100-240V, 50/60Hz
- Weight: 4.8kgs (L*W*H = 480 x 305 x 275mm)

3. Menu structure

Master-Slave mode as “A SL” or “A HO”, all of the settings are controlled by four buttons: “MODE, Up, Down and Enter”.

Press “MODE” to switch functions (8 functions can be selected):



C			1

DMX AMOUNT SETTING

“C”: Function Code

“1”: Channel amounts

D	0	0	1

DMX ADDRESS SETTING

“D”: Function Code

“001”: DMX Address

F	0	0	0

SINGLE MODE SETTING, work only on the situation of

A		H	O

“F”: Function Code

“000”: Function number

2	8	_	C

Temperature setting

“C”: Function Code

“28”: Show temperature of LED PCB

U	2	5	5

SINGLE COLOR SETTING

“U255”: 0-255 setting for Warm White color

C	2	5	5

SINGLE COLOR SETTING

“U255”: 0-255 setting for Cold White color

Press the “MODE” then press the “ENTER” to begin your setting. Press “UP” and “DOWN” to switch the modes with the shining Function Code. Be sure to press the “ENTER” button to save your changing, it won’t be saved if the button has not been pressed. Moreover, the saving data still exists even after power off and then on.

MASTER SLAVE MODE SETTING

A			D

Press “MODE” -> “Enter” and Press UP/Down button to setting.

Press “Enter” to confirm the DMX condition and forbid the Master Slave Mode.

A		H	O

The machine will send signal to all connected slave-machines.

A		S	L

→ SLAVE MODE

The machine only accept the signal that send from host-machine, it won't accept the signal from the console.

WHILE IN MASTER-SLAVE MODE, ONLY ONE HOST MACHINE CAN BE EXISTED, IF NOT, IT MAY CAUSE SIGNAL CONFLECTS.

DMX CHANNEL SETTING

C			1

→ Default in C1, DMX Channel: CH. 1

C			2

→ DMX Channel: CH. 2

C			3

→ DMX Channel: CH. 3

C			4

→ DMX Channel: CH. 4

C			5

→ DMX Channel: CH. 5

C			6

→ DMX Channel: CH. 6

C			7

→ DMX Channel: CH. 7

DMX ADDRESS SETTING

D	0	0	1

→ Default in D001, DMX Address from "D001-D512", Press "ENTER" to save the setting.

SINGLE MODE SETTING:

F	0	0	0

→ Press "MODE" to begin your setting, and press "ENTER" to select the mode. Select the UP/DOWN from F010～F120, press "ENTER" to save your setting. Original setting "F000", the light goes off.

F 0 1 0 → SINGLE WHITE F010~F019 strobe, speed low to high

F 0 2 0 → FADE IN/OUT: Adjust the speed from F020(slow)～F029(fast).

F 0 3 0 → SOUND ACTIVE MODE: Color jump and Strobe. Adjust the strobe speed from F030(slow)～F039(fast). Shut down the light in 5 seconds mute.

F 1 2 0 → FULL BRIGHTNESS

TEMPERATURE CONTROL

2 8 _ C → Show the temperature of LED PCB.

RESET TO DEFAULT

R E S T → RESET TO DEFAULT: Press “ENTER” to reset all setting.

Default as following:

R E S T → A D → C 1

D 0 0 1 → F 0 0 0 → 2 8 _ C

U 2 5 5 → C 2 5 5

MASTER-SLAVE MODE:

Controlled by DMX512 console. The machine accepts DMX512 signals and DMX dimming signals.

4. DMX Table

4.1. DMX Mode 1 (1 Channel)

DMX Channel	DMX Value	Function
1. White Dimming	1~255	Adjust LEDs dimmer low to high

4.2. DMX Mode 2 (2 Channel)

DMX Channel	DMX Value	Function
1. WW Dimming	1~255	Adjust LEDs dimmer low to high
2. CW Dimming	1~255	Adjust LEDs dimmer low to high

4.3. DMX Mode 3 (3 Channel)

DMX Channel	DMX Value	Function
1. White Dimming	1~255	Adjust LEDs dimmer low to high
2. WW Dimming	1~255	Adjust LEDs dimmer low to high
3. CW Dimming	1~255	Adjust LEDs dimmer low to high

4.4. DMX Mode 4 (4 Channel)

DMX Channel	DMX Value	Function
1. White Dimming	1~255	Adjust LEDs dimmer low to high
2. WW Dimming	1~255	Adjust LEDs dimmer low to high
3. CW Dimming	1~255	Adjust LEDs dimmer low to high
4. STROBE	1~255	Speed Adjustment from slow to fast.

4.5. DMX Mode 5 (5 Channel)

DMX Channel	DMX Value	Function
1. White Dimming	1~255	Adjust LEDs dimmer low to high
2. WW Dimming	1~255	Adjust LEDs dimmer low to high
3. CW Dimming	1~255	Adjust LEDs dimmer low to high
4. STROBE	1~255	Speed Adjustment from slow to fast.
5. Linear and curve lighting option	0~9	Linear
	10~255	6 selectable dimming curves 10~49 1s; 50~99 2s; 100~149 3s; 150~199 4s; 200~249 5s; 250~255 6s

4.6. DMX Mode 6 (6 Channel)

DMX Channel	DMX Value	Function
1. White Dimming	1~255	Turn on the light and White Dimming and color is controlled by CH2, 3, 4, 5
2. WW Dimming	1~255	Adjust LEDs dimmer low to high
3. WW Dimming	1~255	Adjust LEDs dimmer low to high
4. CW Dimming	1~255	Adjust LEDs dimmer low to high
5. CW Dimming	1~255	Adjust LEDs dimmer low to high
6. STROBE	1~255	Speed Adjustment from slow to fast.

4.7. DMX Mode 7 (7 Channel)

DMX Channel	DMX Value	Function
1. White Dimming	1~255	Turn on the light and White Dimming and color is controlled by CH2, 3, 4, 5
2. WW Dimming	1~255	Adjust LEDs dimmer low to high
3. WW Dimming	1~255	Adjust LEDs dimmer low to high
4. CW Dimming	1~255	Adjust LEDs dimmer low to high
5. CW Dimming	1~255	Adjust LEDs dimmer low to high
6. STROBE	1~255	Adjust strobe low to high (the color is controlled by CH2-CH5).
7. Linear and curve lighting option	0~9	Linear
	10~255	6 selectable dimming curves 10~49 1s; 50~99 2s; 100~149 3s; 150~199 4s; 200~249 5s; 250~255 6s

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