Eternal Lighting

User Manual

EchoICON™   EchoEDGE™

Introduction:

Thank you for your purchase. The EchoICON/EchoEDGE RGBWA+UV LED is a DMX intelligent LED par light. This LED par light is for the serious production company looking for high powered LED output with (8) 18Watt 6in1 RGBWA+UV LEDs.

Unpacking: Thank you for purchasing the EchoICON/EchoEDGE RGBWA+UV light fixture. Every EchoICON/EchoEDGE RGBWA+UV has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit has arrived intact. In the case damage has been found or parts are missing, please contact the manufacturer or your dealer for further instructions. Do not return this unit to your dealer without first contacting them.

Contents in each package: (1) EchoICON or EchoEDGE , (1) IEC power cord, (1)Bracket, (2) knobs, (4) washers.

FIRST CHARGE YOUR FIXTURE FOR 6-8 HOURS. Securely, plug the IEC power cord in the Power Input on the side of the light fixture, and then plug into a powerstrip or wall outlet that supports 100-220V/50-60Hz.

- IMPORTANT NOTE: Do Not LINK Power in to Power out more than 3 Units at a time. You will blow a fuse and the light will not charge.

Warning! To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

Caution! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself; doing so will VOID your manufactures warranty. In the unlikely event your unit may require service please contact the manufacturer or your dealer. Also, when operating the EchoICON or EchoEDGE fixture in battery mode, have the Red power button OFF. Do not have the battery button on and the Red Power button on at the same time.

Caution: **Do not operate in Color50 with all colors at 255 other than Testing for short time.**

The CUBE Series including the CUBE3, CUBE4, CUBE5, CUBEecho, CUBEechoUV, EchoICON and EchoEDGE as well as the ElitePar Series are Designed in Houston, TX.

Features & Technical Specifications:

- (8) 18 Watt All in One RGBWA+UV LEDs
- All in One LEDs RGBWA+UV Fixture - RED, GREEN, BLUE, WHITE, AMBER and UV!
- 3CH, 4CH, 5CH, 8CH, 11CH or 13CH DMX Modes
- Flicker Free Refresh Rate >400 Hz (HDTV Video, Guaranteed No Flicker)
- Ideal for ideal for HDTV recordings with Flicker Free operation
- Sound Active with 2 Sound Active Modes (1 Without Strobe/1 With Strobe)
- Auto Mode with 8 Speed Settings
- Smooth Color Mixing
- Fade mode with 8 Speed Settings
- 50 built in PRE-SET Colors
- Manual Color Mix Mode on Push Button Display
- Built In Color Macros, Auto & Manual control
- 16 Digit, 2 Line, Full Text read out Back-Lit LCD Push Button Display
- Ability to create & store into memory 5 Custom/manual Colors.
- Power In & Power Out
- Master/Slave Control
- Up to 20 Hours of Battery Life
- Flush Mounted Wireless DMX Antenna recessed to keep the antenna safe
- 2.4gHz Wireless DMX Receiver that is also a Transmitter (Up to 300ft Line of Sight)
- Simultaneous master signal transmitting from Master to all other lights in range
- IR Remote control. Also the Signal Received from the IR Remote can Transmit to the other lights by Wireless DMX.
  (Compatible with CUBE5, ElitePar5, CUBEecho & EchoEDGE)
- Dual Mount Bracket for hanging or sitting on the floor
- Rubber feet for non intrusive lay flat design.
- PHOTOMETRICS: 19,345 LUX @ 1meter (Full Power)

EchoICON and EchoEDGE Manual

Start Up	Welcome to ETERNAL LIGHTING		
Switch to Display	CUBEecho RGBWAI (Note: I = UV: Ultra Violet) Version 1.0		
DMX addr CH mode	DMX addr: 001-512 CH-mode: 3 / 4 / 5 / 6 / 8 / 11 /13		
Mast/Slave	Mast / Slave		
Manual	R/G/B/W/A/I (000-255)		
SHND	Color	Color 01-50 NOTE: Do not operate in Color50 with all colors at 255 other than Testing for short time.	
		Auto	Auto Speed 01-08
		Custom Color A	
		Custom Color B	
		Custom Color C	
		Custom Color D	
		Custom Color E	
	Sound	S01	
		S02	
	Fade	00-10	
Boot time	Operating Time		
Work time	Total Operating Time		
Battery Capacity	Battery Test		
LCD Display time	Full on		
	10s/11s/12s…60s		
IR INFA	Enable/Disable		

Menu:

- **DMX Address and Channel Mode** – Press Enter to move up and down between DMX Addr and CH also press Enter to save a command.
- **Master/Slave** – Press Up or Down to change the command of Master or Slave, Enter to save the command. (NOTE: In order to use the IR Remote, put the CUBEecho in Master Mode. The CUBEecho will not respond to the IR Remote if it is in Slave Mode.)
- **Manual Color Mix** – Press Enter to go through Red, Green, Blue, White, and Amber. Press Up or Down to adjust color brightness on a scale of 0-255. Enter to save. This color can be found in Color 50.
- **SHND** –Press Up to scroll through options: Color, Sound, and Fade. Enter to select choice.
  - **Color** – Pre-set colors 1-50, after color 50 is AUTO change (Speed 1-8). After AUTO, is Custom Color A – E; Enter make a custom color. You can make 5 custom colors that will be saved under A through E.
  - **Sound** – Sound 1 (auto change when hears sound & Fade when quiet). Sound 2 (Strobe effect when hears sound & Fade when quiet).
  - **Fade** – Color Fade 1 through 10. Fast (1) to slow (10).
- **Boot Time and Work Time** – Current operating time and total run time
- **Battery Capacity** – Percentage left on the battery
- **LCD Display Time** – Full On
- **IR INFA** – Enable or Disable

Receiver button – ON/OFF

ID Code Selector – Red (1), Green (2), Yellow (3), Blue (4), Purple (5), Cyan (6), White (7)

To Master/Slave the EchoEDGE or EchoICON, put one fixture in Master Mode and the rest of the fixtures in Slave Mode. Turn on the Receiver button and put all fixtures on same ID Code Color. You now control the Master fixture and all the Slave fixtures will do what the Master is doing.

Trick: To Master Reset your EchoICON or EchoEDGE, press Menu and Enter button at the same time for 5 seconds. This will put Address back to 1, Channel back to 5, Slave Mode, Manual Colors back to 255, and put all custom colors (A-E) to 0.

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Infrared remote control:

To control the fixture you must aim the controller at the front of the fixture. To use the remote control, you must first activate the fixture's infrared receiver. To activate the fixtures infrared receiver you should press the button MAST on the remote control, when the display screen show "yes" means the light is on mast mode, Press "Slav" to chose the slave mode.

ON/OFF turn on /off the light, If you don't need the light for a while, you could press OFF to save electric energy.

PRO   Auto program aim UP or DOWN to chose auto mode.

SOU   sound active mode press UP or Down to chose sound active mode 1 or 2

STRO strobe mode

SPEE speed

MAST master mode press and then the display screen show "yes" means the light is on master mode,

SLAV   slave mode Press "Slav" to chose the slave mode.

CH   addr / channel

FULL   all leds light up

SHUT all leds turn off

Red = red color
GREE = green color
BLUE = blue color
WHIT = white color
AMBE = amber color
PINK = pink color
ORG = orange color
GYAN = cyan color
PURP = UV color

DMX Values and Functions: DMX Cannel Mode 3ch / 4ch / 5ch / 6ch / 8ch / 11ch / 13ch

3CH Mode EchoEDGE & EchoICON

	Value	RGBWA+UV 8pc 18 Watt x 6in1
CH1	0-255	RED dimmer (0-255)
CH2	0-255	GREEN dimmer (0-255)
CH3	0-255	BLUE dimmer (0-255)

4CH Mode EchoEDGE & EchoICON

	Value	RGBWA+UV 8pc 18 Watt x 6in1
CH1	0-255	RED dimmer (0-255)
CH2	0-255	GREEN dimmer (0-255)
CH3	0-255	BLUE dimmer (0-255)
CH4	0-255	WHITE dimmer (0-255)

5CH Mode EchoEDGE & EchoICON

	Value	RGBWA+UV 8pc 18 Watt x 6in1
CH1	0-255	RED dimmer (0-255)
CH2	0-255	GREEN dimmer (0-255)
CH3	0-255	BLUE dimmer (0-255)
CH4	0-255	WHITE dimmer (0-255)
CH5	0-255	AMBER dimmer (0-255)

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6CH Mode EchoEDGE & EchoICON

	Value	RGBWA+UV 8pc 18 Watt x 6in1
CH1	0-255	RED dimmer (0-255)
CH2	0-255	GREEN dimmer (0-255)
CH3	0-255	BLUE dimmer (0-255)
CH4	0-255	WHITE dimmer (0-255)
CH5	0-255	AMBER dimmer (0-255)
CH6	0-255	Ultra Violet/I dimmer(0-255)

8CH Mode EchoEDGE & EchoICON

	Value	RGBWA+UV 8pc 18 Watt x 6in1
CH1	0-255	RED dimmer (0-255)
CH2	0-255	GREEN dimmer (0-255)
CH3	0-255	BLUE dimmer (0-255)
CH4	0-255	WHITE dimmer (0-255)
CH5	0-255	Auto
CH6	0-255	Auto Slow to Fast (0-255)
CH7	0-255	R, G, B,W STROBE from slow to fast (0-255)
CH8	0-255	SOUND (Off 0-15 ON 16-255)

11CH Mode EchoEDGE & EchoICON

	Value	RGBWA+UV 8pc 15 Watt x 6in1
CH1	0-255	RED dimmer (0-255)
CH2	0-255	GREEN dimmer (0-255)
CH3	0-255	BLUE dimmer (0-255)
CH4	0-255	WHITE dimmer (0-255)
CH5	0-255	AMBER dimmer (0-255)
CH6	0-255	R, G, B, W dimmer (0-255)
CH7	0-255	R, G, B, A dimmer (0-255)
CH8	0-255	Auto
CH9	0-255	Auto Slow to Fast (0-255)
CH10	0-255	R, G, B,W, A STROBE from slow to fast (0-255)
CH11	0-255	SOUND 1 (Off 0-15, ON 16-100 Color change, Fade and Strobe, ON 101-255 Color Change & Fade)

13CH Mode EchoEDGE & EchoICON

	Value	RGBWA+UV 8pc 15 Watt x 6in1
CH1	0-255	RED dimmer (0-255)
CH2	0-255	GREEN dimmer (0-255)
CH3	0-255	BLUE dimmer (0-255)
CH4	0-255	WHITE dimmer (0-255)
CH5	0-255	AMBER dimmer (0-255)
CH6	0-255	Ultra Violet/I dimmer (0-255)
CH7	0-255	R, G, B, W dimmer (0-255)
CH8	0-255	W, A dimmer (0-255)

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CH9	0-255	Ultra Violet/I dimmer (0-255)
CH10	0-255	Auto
CH11	0-255	Auto Slow to Fast (0-255)
CH12	0-255	R, G, B,W, A STROBE from slow to fast (0-255)
CH13	0-255	SOUND 1 (Off 0-15, ON 16-100 Color change, Fade and Strobe, ON 101-255 Color Change & Fade)

For more information, please contact Support by email at support@eternallighting.com