

Eddylight™



RB-WBIS2406 USER MANUAL

*Thank you for purchasing our 24pcs*6w RGBAW+UV 6-in-1 LED light Bar. Please read these instructions carefully before operating to avoid any possible damage and accidents caused by misuse.*

The light Bar has a hydrodynamic aluminum shell. Highbrightness LED lights (containing red, green, blue, amber, white+UV) are used to create a wide spectrum of colors. Each red, green, blue, amber, white and UV color can be independently mixed, dimmed, faded and so on. It draws low power and is low weight, and is remote controllable. The DMX controls include dimming, fade, strobe, gradual change and more. The unit is compatible with the standard DMX 512 signal for external DMX control. Practical uses of the product include dance halls, stage backgrounds, hotels and drapery uplighting.

IMPORTANT SAFETY INSTRUCTIONS

- To reduce risk of electric shock, never open the unit. There are no user serviceable parts, refer service to our Eddy center.
- Avoid looking directly into the lights.
- Do not expose this unit to any kind of moisture.
- The products housing may become hot during operation. Do not touch.
- Please ensure that the unit is situated in a properly ventilated area. Allow at least 20 inches between this device and a wall.
- Do not attempt to operate this unit if the power cord has been frayed or broken.
- Do not attempt to break off or remove the ground prong. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Never plug this unit into a dimmer pack.
- Do not operate this unit if it is damaged.
- This unit is intended for indoor use only.
- During long periods of non-use, disconnect the unit from power source.
- Always mount this unit in a safe and stable matter.

- Always mount this unit in a safe and stable manner.
- Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point of exit from the unit.
- To avoid unnecessary wear and to improve the unit's lifespan, unplug the unit when not in use for extended periods of time.
- Assembly and installation of the device must be carried out by a specialist familiar with the hazards and the relevant regulations. Maintenance, operation and commissioning of this device must only be carried out by qualified persons.
- When choosing a location for your device, make sure to avoid impact, vibration, dust, hot and cold temperatures and dampness. Furthermore, no powerful transformers or motors must be used close to the device.
- The effect light must only be operated at a maximum ambient temperature of 40°C.
- Never cover the device. Make sure when mounting with other equipment that there is sufficient ventilation. Maintain a sufficient distance to other devices and walls. Never install the effect light in direct proximity of heat sources. Do not point any strong spot lights or light sources towards the device. This may cause overheating (danger of fire!).
- Do not drill or screw additional screws into the casing in order to fasten the device. This may expose dangerous voltage to touch.
- The device must be mounted out of normal reach.
- Illuminated objects must be at least 0.5 m away from the device's light emission source. Easily flammable materials such as decorative fabrics must also have a distance of at least 0.5 m to the device. Otherwise, such objects may catch fire!
- When mounting the product, make sure that the power cord is neither jammed nor damaged by sharp edges. During installation or service work, the area below the place of installation must be cordoned off.

- The installation surface or mounting fixture needs to be designed in a way that it can take 10 times its load capacity for at least 1 hour without permanent damaging deformation.
- It is also essential that the device is secured by means of a second safety restraint that is independent of the actual mounting supports when installing it in an elevated position. No part of the installation must fall down if the main suspension system fails.
- Observe all relevant regulations of your country when installing the device. Acceptance test (in case of industrial/public use) .
- Before first use and after any significant modifications, the installation (including the electrical connections) must be inspected by an official expert.
- A yearly inspection by an expert is required.
- At least every 4 years, an acceptance test must be carried out by an expert.
- If you want to mount the device on a suitable traverse system, attach the effect light with the mounting bracket and a suitable traverse clamp that is available separately.
- For this, install the effect light with the assembly bore of the mounting bracket to the traverse clamp and that in turn to the traverse system. Use only assembly material suitable for the type of assembly and for bearing the effect light load.
- The assembly must never swing freely.
- Additionally, secure the installation with a suitable safety restraint cable or a safety net.
- The safety retention rope or the net must be designed to support the effect light in the event of failure of the main support system independently of the main attachment.



ATTENTION

- Please charge fixture for 8 hours before initial use.
- To charge the light: plug in the power cord, turn off the black main power switch, and turn-on the red battery power switch.

FEATURES AND SPECIFICATIONS

- 100% true wireless! Built-in 2.4GHZ Wireless DMX 512 receiver allows you to link multiple lights together without wires
- Built-in rechargeable battery allows you to use the lights without plugging them in making your setup 100% wireless
- Light Source: 24pcs LEDs/6 Watts each LED
- Each LED is a 6-in-1 RGBWA+UV (RED, GREEN, BLUE, WHITE, AMBER + ULTRAVIOLET)
- DMX control channels: 6/11/17/48/59CH
- DMX input and output (3 pin)
- 50,000 hours life expectancy
- Large 4-digit display for easy color mixing & Operation.
- LED angle: 40 degree
- Built in 13,200 mAh lithium battery
- Battery indicator on display so you always know how much longer your battery will last
- Auto color run time: 14hours
- Single color run time: 6hours
- All color run time: 4hours

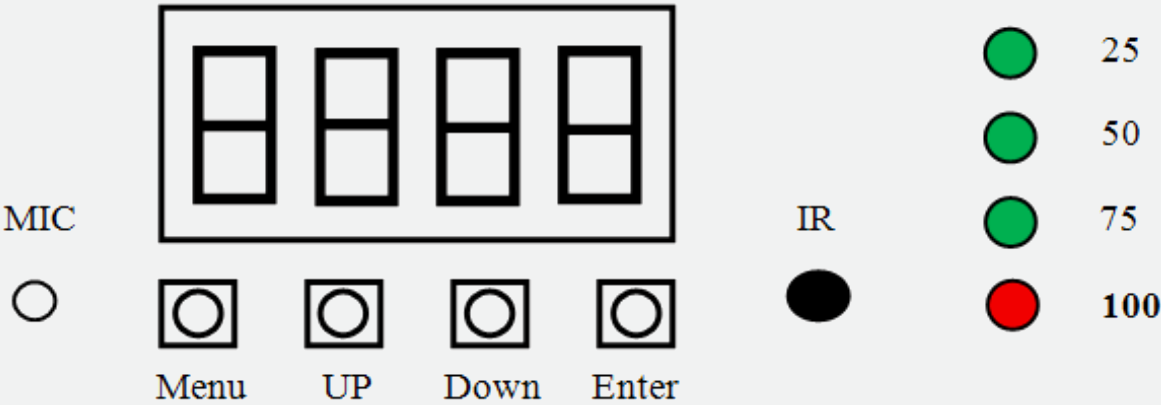
PACKING LIST

- EDD-GL-BFLAT9/EDD-GL-FLAT9 5-in-1 LED light
- Power cable
- Remote control

FUNCTION



OPERATION



USER MANUAL

MODE		FUNCTION
A001	A001–A512	DMX ADDRESS
Chnd	6CH	6CH Mode
	11CH	11CH Mode
	17CH	17CH Mode
	48CH	48CH Mode
	59CH	59CH Mode
FAIL	BLND	DMX512 Data not manteined (Black Field)
	HOLd	DMX512 Data is maintained
CL01	CI01 - CL32	32 static color mixing mode,up/down to select color Strobe Mode After Enter (St00 no Flash) St01-St99
AUTO	AU00	All AutoEffect, After Enter Speed adjustment SP01-SO99, Slow to Fast
	AU01	AutoEffect 1, After Enter Speed adjustment SP01-SO99, Slow to Fast
	AU02	AutoEffect 2, After Enter Speed adjustment SP01-SO99, Slow to Fast
	AU03	AutoEffect 3, After Enter Speed adjustment SP01-SO99, Slow to Fast

MODE		FUNCTION
AUTO	AU53	AutoEffect 53, After Enter Speed adjustment SP01-SO99, Slow to Fast
	AU54	AutoEffect 54, After Enter Speed adjustment SP01-SO99, Slow to Fast
	AU55	AutoEffect 55, After Enter Speed adjustment SP01-SO99, Slow to Fast
SOU0	SOU0	Sound Control Effect
	SOU1	Sound control Color Change
	SOU2	DB1 Sound Control DB1
	SOU3	DB2 Sound Control DB2
NANU	D000-255	Manual general edimmed
	R000-255	Manual Red dimmer
	G000-255	Manual Green dimmer
	B000-255	Manual Blue dimmer
	W000-255	Manual White dimmer
	A000-255	Manual Amber dimmer
	P000-255	Manual Purple dimmer
	S000-255	Manual strobe speed adjustment
IRCL	ON	IR on
TEST	OFF	IR off
ECO	ON	IR on
	OFF	IR off
LED	ON	LED display On, Off after 30s
	OFF	LED display Off, full work
T000		Temperature display (centigrade)
VER	V10	Soft Version No.

DMX Controller Function

- When using a DMX controller, use the chart below to reference each channel function.

CH1	0-255 Red Dimmer
CH2	0-255 Green Dimmer
CH3	0-255 Blue Dimmer
CH4	0-255 White Dimmer
CH5	0-255 Amber Dimmer
CH6	0-255 UVDimmer

CH1	0-255 General Dimmer
CH2	0-10 Closed Light
	11-255 Strobe (Slow to fast)
CH3	0-10 Closed Light
	11-17 Red
	18-24 Green
	24-31 Blue
	32-38 White
	39-45 Amber
	46-52 UV
	53-59 Red+Green
	60-66 Red+Blue
	67-73 Green+Blue
	74-80 Red+Green+Blue
	81-87 Red+White
	88-94 Green+White
	95-101 Blue+White
	102-109 Red+Amber
	110-116 Green+Amber
	117-123 Blue+Amber
	124-130 White+Amber
	131-137 Red+UV
	138-144 Green+UV
	145-151 Blue+UV
	152-158 White+UV
	159-165 Amber+UV
	166-172 Red+Green+Blue+White
	173-179 Red+Green+Blue+Amber
	180-186 Green+Blue+UV
	187-193 Red+Blue+White+Amber
	194-200 White+Amber+UV
	201-207 Red+Blue+Amber
	208-214 Green+White+UV
	215-221 Red+Green+White+UV

11CH

CH3	222-228 Red+Green+Amber+UV
	229-255 Red+Green+Blue+White+Amber+UV
CH4	0-10 Closed Light
	11-13 Effect 1
	14-16 Effect 2
	17-19 Effect 3

	11-50 Effect 53
	11-50 Effect 54
	11-200 Effect 55
	201-210 Sound Activated all Effect
	211-220 Sound Activated color change
	221-230 Sound Activated DB1
	231-255 Sound Activated DB2
CH5	0-255 Effect Speed
CH6	0-255 Red Dimmer
CH7	0-255 Green Dimmer
CH8	0-255 BlueDimmer
CH9	0-255 White Dimmer
CH10	0-255 Amber Dimmer
CH11	0-255 UV Dimmer

17CH

CH1	0-255 General Dimmer
CH2	0-10 Closed Light
	11-255 Strobe (Slow to fast)
CH3	0-10 Closed Light
	11-17 Red
	18-24Green
	24-31Blue
	32-38White
	39-45Amber
	46-52UV
	53-59 Red+Green

17CH

CH3	60-66 Red+Blue
	67-73 Green+Blue
	74-80 Red+Green+Blue
	81+87 Red+White
	88-94 Green+White
	95-101 Blue+White
	102-109 Red+Amber
	110-116 Green+Amber
	117-123 Blue+Amber
	124-130 White+Amber
	131-137 Red+UV
	138-144 Green+UV
	145-151 Blue+UV
	152-158 White+UV
	159-165 Amber+UV
	166-172 Red+Green+Blue+White
	173-179 Red+Green+Blue+Amber
	180-186 Green+Blue+UV
	187-193 Red+Blue+White+Amber
	194-200 White+Amber+UV
	201-207 Red+Blue+Amber
	208-214 Green+White+UV
	215-221 Red+Green+White+UV
	222-228 Red+Green+Amber+UV
	229-255 Red+Green+Blue+White+Amber+UV
CH4	0-10 Closed Light
	11-13 Effect 1
	14-16 Effect 2
	17-19 Effect 3

	11-50 Effect 53
	11-50 Effect 54
	11-200 Effect 55
	201-210 Sound Activated all Effect
	211-220 Sound Activated color change
	221-230 Sound Activated DB1
	231-255 Sound Activated DB2
CH5	0-255 Effect Speed

17CH

CH6	0-255 Red Dimmer
CH7	0-255 Green Dimmer
CH8	0-255 Blue Dimmer
CH9	0-255 White Dimmer
CH10	0-255 Amber Dimmer
CH11	0-255 UV Dimmer
CH12	0-255 Red Dimmer 2
CH13	0-255 Green Dimmer 2
CH14	0-255 Blue Dimmer 2
CH15	0-255 White Dimmer 2
CH16	0-255 Amber Dimmer 2
CH17	0-255 UV Dimmer 2

48CH

CH1	0-255 Red Dimmer 1
CH2	0-255 Green Dimmer 1
CH3	0-255 Blue Dimmer 1
CH4	0-255 White Dimmer 1
CH5	0-255 Amber Dimmer 1
CH6	0-255 UV Dimmer 1
CH7	0-255 Red Dimmer 2
CH8	0-255 Green Dimmer 2
CH9	0-255 Blue Dimmer 2
CH10	0-255 White Dimmer 2
CH11	0-255 Amber Dimmer 2
CH12	0-255 UV Dimmer 2
CH13	0-255 Red Dimmer 3
CH14	0-255 Green Dimmer 3
CH15	0-255 Blue Dimmer 3
CH16	0-255 White Dimmer 3
CH17	0-255 Amber Dimmer 3
CH18	0-255 UV Dimmer 3
CH19	0-255 Red Dimmer 4
CH20	0-255 Green Dimmer 4
CH21	0-255 Blue Dimmer 4
CH22	0-255 White Dimmer 4
CH23	0-255 Amber Dimmer 4
CH24	0-255 UV Dimmer 4

48CH

CH25	0-255 Red Dimmer 5
CH26	0-255 Greend Dimmer 5
CH27	0-255 Blue Dimmer 5
CH28	0-255 White Dimmer 5
CH29	0-255 Amber Dimmer 5
CH30	0-255 UV Dimmer 5
CH31	0-255 Red Dimmer 6
CH32	0-255 Green Dimmer r6
CH33	0-255 Blue Dimmer 6
CH34	0-255 White Dimmer 6
CH35	0-255 Amber Dimmer 6
CH36	0-255 UV Dimmer 6
CH37	0-255 Red Dimmer 7
CH38	0-255 Green Dimmer 7
CH39	0-255 Blue Dimmer 7
CH40	0-255 White Dimmer 7
CH41	0-255 Amber Dimmer 7
CH42	0-255 UV Dimmer 7
CH43	0-255 Red Dimmer 8
CH44	0-255 Greem Dimmer 8
CH45	0-255 Blue Dimmer 8
CH46	0-255 White Dimmer 8
CH47	0-255 Amber Dimmer 8
CH48	0-255 UV Dimmer 8

59CH

CH1	0-255 General Dimmer
CH2	0-10 Closed Light
	11-255 Strobe (Slow to fast)
CH3	0-10 Closed Light
	11-17 Red
	18-24 Green
	24-31 Blue
	32-38 White
	39-45 Amber
	46-52 UV
	53-59 Red+Green
	60-66 Red+Blue
	67-73 Green+Blue

59CH

CH3	74-80 Red+Green+Blue
	81+87 Red+White
	88-94 Green+White
	95-101 Blue+White
	102-109 Red+Amber
	110-116 Green+Amber
	117-123 Blue+Amber
	124-130 White+Amber
	131-137 Red+UV
	138-144 Green+UV
	145-151 Blue+UV
	152-158 White+UV
	159-165 Amber+UV
	166-172 Red+Green+Blue+White
	173-179 Red+Green+Blue+Amber
	180-186 Green+Blue+UV
	187-193 Red+Blue+White+Amber
	194-200 White+Amber+UV
	201-207 Red+Blue+Amber
	208-214 Green+White+UV
	215-221 Red+Green+White+UV
	222-228 Red+Green+Amber+UV
	229-255 Red+Green+Blue+White+Amber+UV
CH4	0-10 Closed Light
	11-13 Effect 1
	14-16 Effect 2
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	11-50 Effect 53
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	201-210 Sound Activated all Effect
	211-220 Sound Activated color change
	221-230 Sound Activated DB1
	231-255 Sound Activated DB2
CH5	0-255 Effect Speed
CH6	0-255 Red Dimmer
CH7	0-255 Green Dimmer
CH8	0-255 Blue Dimmer

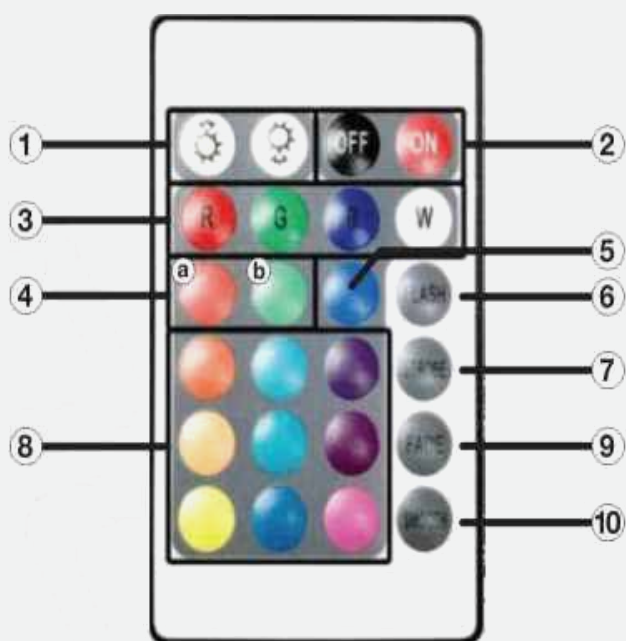
59CH

CH9	0-255 White Dimmer
CH10	0-255 Amber Dimmer
CH11	0-255 UV Dimmer
CH12	0-255 Red Dimmer 1
CH13	0-255 Green Dimmer 1
CH14	0-255 Blue Dimmer 1
CH15	0-255 White Dimmer 1
CH16	0-255 Amber Dimmer 1
CH17	0-255 UV Dimmer 1
CH18	0-255 Red Dimmer 1
CH19	0-255 Green Dimmer 2
CH20	0-255 Blue Dimmer 2
CH21	0-255 White Dimmer 2
CH22	0-255 Amber Dimmer 2
CH23	0-255 UV Dimmer 2
CH24	0-255 Red Dimmer 3
CH25	0-255 Green Dimmer 3
CH26	0-255 Blue Dimmer 3
CH27	0-255 White Dimmer 3
CH28	0-255 Amber Dimmer 3
CH29	0-255 UV Dimmer 3
CH30	0-255 Red Dimmer 4
CH31	0-255 Green Dimmer 4
CH32	0-255 Blue Dimmer 4
CH33	0-255 White Dimmer 4
CH34	0-255 Amber Dimmer 4
CH35	0-255 UV Dimmer 4
CH36	0-255 Red Dimmer 5
CH37	0-255 Green Dimmer 5
CH38	0-255 Blue Dimmer 5
CH39	0-255 White Dimmer 5
CH40	0-255 Amber Dimmer 5
CH41	0-255 UV Dimmer 5
CH42	0-255 Red Dimmer 6
CH43	0-255 Green Dimmer 6
CH44	0-255 Blue Dimmer 6
CH45	0-255 White Dimmer 6
CH46	0-255 Amber Dimmer 6
CH47	0-255 UV Dimmer 6

59CH

CH48	0-255 Red Dimmer 7
CH49	0-255 Green Dimmer 7
CH50	0-255 Blue Dimmer 7
CH51	0-255 White Dimmer 7
CH52	0-255 Amber Dimmer 7
CH53	0-255 UV Dimmer 7
CH54	0-255 Red Dimmer 8
CH55	0-255 Green Dimmer 8
CH56	0-255 Blue Dimmer 8
CH57	0-255 White Dimmer 8
CH58	0-255 Amber Dimmer 8
CH59	0-255 UV Dimmer 8

REMOTE CONTROL OPERATION



1. Dimming/Speed/Up-Down: Adjusts the brightness of the fixture When manually adjusting colors. In Auto Mode, the buttons are used To adjust the speed of theselected program. In color mixing mode, They serve as up and down buttons.
2. On/Off buttons
3. Red, Green, Blue, and White LED buttons
4. (a) Amber and (b) UV buttons
5. Color mixing: press this button to activate mode, then use the Dimming/Speed buttons to cycle through 32 available colors.
6. Flash: Activate/deactivate auto color switching mode
7. Strobe: Activate/deactivate strobe mode
8. Color select: use these buttons to select a specific color.
9. Fade: Activate/deactivate auto fade mode
10. Smooth: Activate/deactivate sound mode

TROUBLESHOOTING

PROBLEM	SOLUTION
No power	<ol style="list-style-type: none"> 1. Make sure the unit is plugged in and the black power switch is in the ON position. 2. Make sure the power cord is not damaged. 3. Check and replace the fuse if necessary
No power (battery mode)	<ol style="list-style-type: none"> 1. Make sure the unit is fully charged, the red power switch is in the ON position, and the black power switch is in the OFF position. 2. Charge the battery for 6 hours. Make sure the black power button is set to OFF and the red power switch is set to ON or else the unit will not charge.
No fixture DMX response	<ol style="list-style-type: none"> 1. Make sure that the starting address at the fixture is correct and all other fixtures are set to the same address. 2. Make sure the DMX channel setting is the same for all fixtures. 3. Make sure you are using the correct faders on the controller. 4. Make sure you are using the correct fixture template and assign controller faders accordingly. 5. Change the signal polarity at the controller. 6. Check your DMX cables to ensure they are not damaged. 7. Check that the DMX cables are connected properly and are wired correctly (pin 3 is "hot"; on some other DMX devices pin 2 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.
No fixture DMX response (wireless mode)	<ol style="list-style-type: none"> 1. Check all the steps listed in the "No fixture DMX response" section above. 2. Make sure you've followed all the steps in the "Wireless Link Function" section of this manual. 3. Check that the wireless antenna is properly positioned and connected. 4. Make sure there are no obstructions between the master unit and the slave fixtures.
Unit does not Respond to sound	<ol style="list-style-type: none"> 1. Quiet or high pitched sounds will not activate the unit. 2. Make sure that Sound Activate mode is turned on.