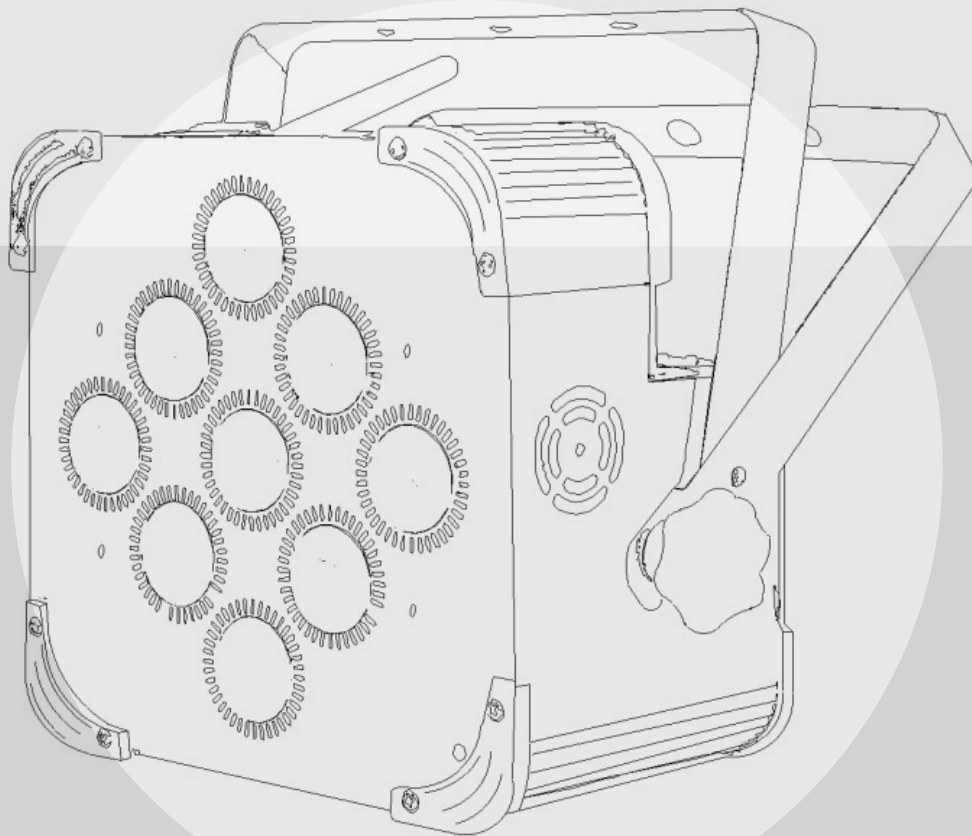# Eddylight™

5 in 1 DMX Flat LED Light

• Thank you for purchasing our EDD-GL-BFLAT9/EDD-GL-FLAT9 6-in-1 LED light. Please read these instructions carefully before operating to avoid any possible damage and accidents caused by misuse.

• The Cube light has a hydrodynamic aluminum shell. Six integrated, 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 EDDY service 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.

• 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 unifs 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 in stall 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.*
> *Always charge your light for a full 6 hours.*
> *This will help extend the battery5s life span*

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: 9 LEDs/6 Watts each LED

• Each LED is a 6-in-1 RGBWA+UV (RED, GREEN, BLUE, WHITE, AMBER + ULTRAVIOLET)

• DMX control channels: 6 or 10 channels

• DMX input and output (3 pin)

• 50,000 hours life expectancy

• RC wireless remote control included for easy wireless control

• Super bright: 6500 lux @1 m (way brighter than others on the market)

• Large 4-digit color LCD display - for easy color mixing & operating. Our interface is easiest to use on the market.

• Easy to operate either through the large LCD display, remote control, DMX controller, built-in programs, or sound activated mode

• Easy color mixing on one screen

• LED angle: 30 degree (±5)

• Built in 13,200 mAh lithium battery

• Battery indicator on LCD display so you always know how much longer your battery will last

• Single color run time: Red:18 hours/Green: 14 hours

• Double color run time: 7 hours

• All colors run time: 4 hours

• Recharge time: 6 hours

• Battery will still perform perfectly even after hundreds of charging cycles

• Built-in battery overcharge protection

• Field replaceable batteries

• Power supply: AC110V-220V/50-60Hz

• Power consumption: 60w

• Automatic modes: color change, strobe, dimmer, color gradual change, jump change, sound activated

- Flicker-free lights

- Colors: 16.7 million colors

- 1-year warranty

- Black housing

- Create customized colors using the built-in LCD display

- 110/220 switchable for use in any country

- Unit dimensions: 8.07" x 7.87" x 4.76"

- Unit weight: 7.28 Lbs.

Packing List

Included in delivery:

**1.** EDD-GL-BFLAT9/EDD-GL-FLAT9 5-in-1 LED light
2. Power cable
3. Remote control
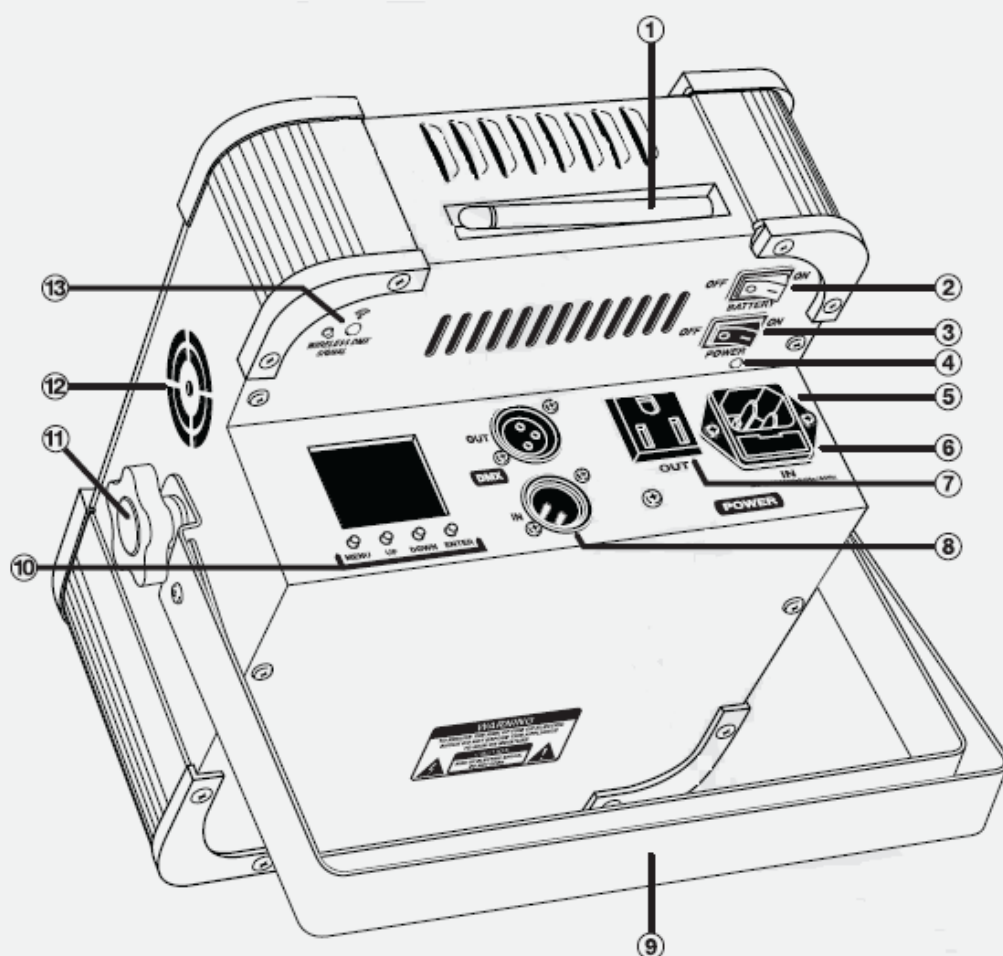
1. Antenna
2. Battery power switch
3. Main power switch
4. Battery power indicator light
5. IEC AC power socket
6. User serviceable fuse
7. Power out
8. DMX IN/OUT ports
9. Mounting bracket
10. Controls:

Menu - Press repeatedly to see mode options
Up - Scroll up through settings
Down - Scroll down through settings
Enter - Use to make selection

11. Tightening knob for mounting bracket
12. Cooling fan
13. Wireless DMX signal control and indicator LED

Charging

There are two switches on the rear panel of the light. The black switch is for power and the red switch is for battery operation. When charging the light, please switch the power switch to "off" and the battery button to "on". If the battery switch is not set to the on position the battery will not charge. The LED indicator below the power button will be red when the unit is charging. Once the unit is fully charged, the LED will be green. For prolonged battery life we recommend fully charging the unit before first use (8 hours) and charging for a full 6 hours whenever the battery is depleted.

Operation

MENU   UP   DOWN   ENTER
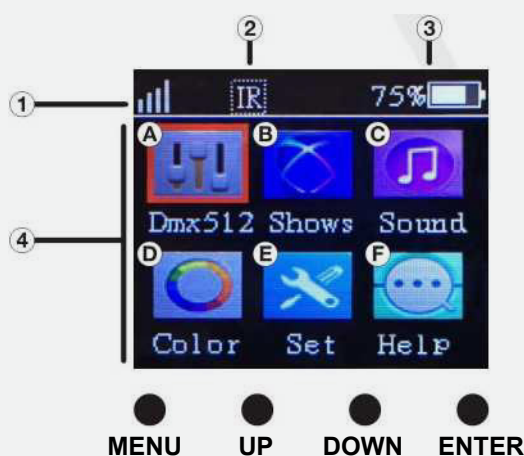
There are four touch buttons under the LCD display: Menu, Down, Up, Enter. Normally, the LCD will display the current DMX address code of the fixture. At this time, press Menu to enter the main menu. Use the Up or Down buttons to navigate to the desired functions. Press Enter to select the function you want to set up. Once the item has been selected, press Up or Down to scroll through the various options. To select an option, press the Enter button. Then use the Up and Down buttons to adjust the option settings. Once the adjustment is done, press Menu to exit back to the options screen. Press Menu again to return to the main menu, and yet again to return to the start-up screen displaying the DMX address code.

1 Wireless DMX signal strength

2 IR On/Off indicator. When the function is off, the IR icon will not be displayed.

3 Battery power indicators

4 Unit functions:

A. DMX512: Use the Up and Down buttons to set the DMX address. Press Menu button to return to the main menu.

B. Shows: Use this menu to select one of the 4 Auto modes (Auto Color, Auto Fade, Auto Sudden, and Auto Strobe). Once you've navigated to the desired mode, press Enter to adjust the mode speed using the Up and Down buttons.

C. Sound: Use this menu to select one of the 4 Sound activation modes. Once you've navigated to the desired mode, press Enter to adjust the sound sensitivity level using the Up and Down buttons. This will determine how loud external sound has to be to activate the fixture.

D. Color: Here you can customize each individual color or you can set the static color. To customize color, choose option 1 (Customize Color) by pressing Enter. Use the Up and Down buttons to navigate to the specific color, press Enter to select it, and then Up and Down to set the color.

E. Set: The settings menu will allow you to adjust the following options:

- DMX channel: switch between 6 channel and 10 channel.
- 2.4G wireless: turn function on or off. Must be off for wired DMX controller operation.
- Infrared: turn function on or off.
- Display backlight: set backlight brightness.
- LCD close time: select the amount of time the LCD screen will remain on before turning off to conserve power.
- Restore factory: to restore unit to original factory settings please enter the following 4- digit code: 8888. Use the Up/Down buttons to set digits and the enter button to move to the next digit.
- Manual mode: Allows you to set brightness of each individual color. To enter this mode use the following 4-digit code: 6666. Use the Up/Down buttons to set digits and the enter button to move to the next digit.
- Battery: turn function on or off.
- Background color: choose from 8 background colors for the LCD screen.

F. Help: displays important system information such as unit name, software version, DMX channel setting, total run time, and total user time.

Wireless Link Function
Setting Master Light

1. Select your master light.

2. Press the Menu button » choose Set » press Enter button » choose DMX channel, you can choose 6CH or 10CH. Please ensure that all the slave light channels are set to the same DMX channel as the master light.

3. Press Menu button twice to return to the main menu.

Selecting Master Light Mode

You can choose from three modes: Shows, Sound, and Color. See unit functions section for mode setting options.

Slave Light Settings:

1. Turn on each slave light and set the DMX channel by following the instructions in step 2 of the Setting Master Light section.

2. In main menu select DMX512 » press the Enter button » use the Up/Down buttons to set the light to A001. Do this for each individual light. All slave lights must be set to A001.

Once you've completed the procedures described above, the master lighfs wireless DMX signal LED indicator should be red while the slave lighfs LED indicators should be green.

DMX Controller Function

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

6 Channel Mode

Ch.	Function	Value	Description
1	Red Dimmer	0-255	
2	Green Dimmer	0-255	
3	Blue Dimmer	0-255	Adjust individual LED brightness
4	White Dimmer	0-255	
5	Amber Dimmer	0-255	
6	Purple Dimmer	0-255	

10 Channel Mode

Ch.	Function	Value	Description
1	Master Dimmer	0-255	
2	Red Dimmer	0-255	
3	Green Dimmer	0-255	
4	Blue Dimmer	0-255	Adjust individual LED brightness
5	White Dimmer	0-255	
6	Amber Dimmer	0-255	
7	Purple Dimmer	0-255	
8	Strobe	0-255	
9	Close Color Selection Mode Auto Color Mode Auto Sudden Mode Auto Fade Mode Sound Mode 1 Sound Mode 2 Sound Mode 3	0-8 9-50 51-100 101-150 151-200 201-220 221-240 241-255	Functions
10	Color and Speed	0-255	

DMX Termination (Optional)

The last fixture of a DMX chain has to be "terminated". This prevents electrical noise from disturbing and corrupting the DMX control signals, lb terminate the last fixture solder a 1/4 Watt, 120 Ohm resistor across the DATA - and DATA + wires. The connections are illustrated below. If you are only connecting a few fixtures which are close together and use a short run to the controller, you may be able to operate without a terminator.
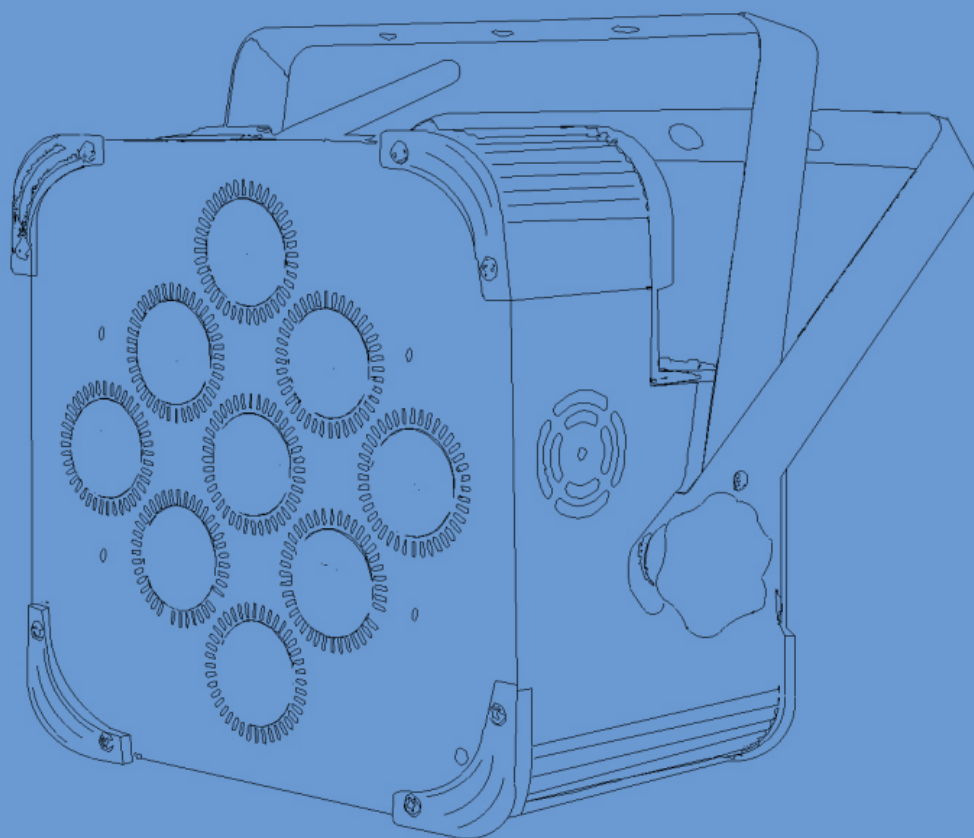

7
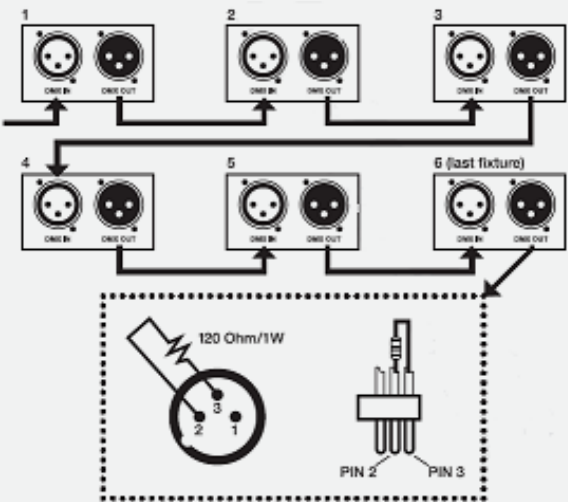
Remote Control Operation
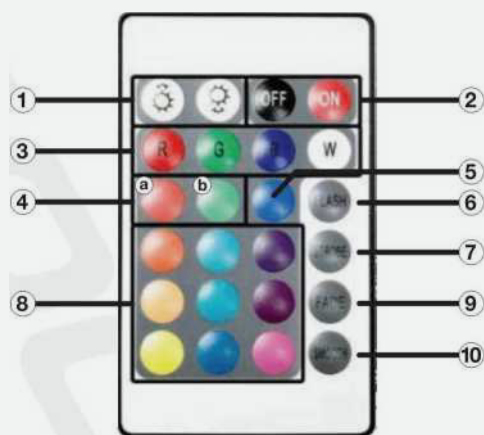
1. Dimming/Speed/Up-Down: Adjusts the brightness of the fixture when manually adjusting colors. In Auto Mode, the buttons are used to adjust the speed of the selected program. In color mixing mode, they serve as up and down buttons.
2. On/Off buttons
3. Red, Green, Blue, and White LED buttons
4. (a) 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
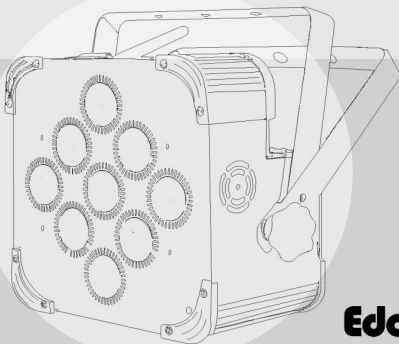**10.** Smooth: Activate/deactivate sound mode

Troubleshooting

PROBLEM	SOLUTION
No power	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)	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	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)	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	1. Quiet or high pitched sounds will not activate the unit. 2. Make sure that Sound Activate mode is turned on.

Event.Decor.Direct

EDD-GL-BFLAT9
EDD-GL-FLAT9

Eddylight™

DOWNLOAD INSTRUCTIONS