UPmini

15W RGBWA 5in1
Mini Battery Upligt

Content

Product info

Thank you for purchasing our Eagle Lite UPmini. The manual below will go through the product's features and functions

Product features

Eagle Lite UPmini is one of the smallest uplights on the market and your perfect partner when it comes to reliable, handy and good lighting of objects. It can be used for lighting in rooms, objects and on stages. It's only the user who sets the limit.

- Perfect for small lighting tasks, space-limited setups and more.
- 1X15W RGBWA 5in1 LED.
- Magnetic Base
- The size of a coffee cup
- Compact and lightweight design
- Beam angle of 25°
- No fan in the device
- Wireless DMX
- Quick and easy to set up

General information before use

Responsibility and attention are requested when using the device.
With high-voltage electricity, there is a risk of shock when touching exposed wires.

Risk of eye injury
Never look directly into the light source. Always wear protection if it is necessary to look directly into the light source.

Always check that you are using the product correctly!
Correct voltage according to the specifications stated on the device or manual. Make sure the unit is always grounded. Never open the unit before the power is disconnected! Check periodically that the cord is not pinched or damaged of any kind. Always check the device and cord time to time. When replacing a fuse, it must be replaced with the same type and rating.

Always read the manual before use
For your own safety and understanding of the device, we strongly recommend that the manual is read through before using the product. Always read warnings and recommendations before use.

Hot Surface Warning
This symbol indicates that the device may become hot in certain places on the device. The device may become hot during use. Therefore, it is recommended that you let the device cool for a minimum of 10 minutes after use. This avoids injury and takes the best care of the device.

Should only be operated by qualified persons.
We strongly recommend that all persons who will use the device do the following, read the manual before using the device, are qualified to use the device, and can rig equipment safely.

For indoor use only
The device must only be used indoors and in dry environments. It must also not be exposed to water or other liquids, as this is only IP20 rated

Responsibility and attention when using devices with lithium batteries
In the event of an accident or other case of overheating, one must be extremely aware that lithium batteries are extremely dangerous. In the event of a fire or similar, authorities must be notified of these.

Safety Instructions & Usage Guide

Frequency Interference
This device emits electromagnetic signals, which may cause interference due to the overlap of radio waves. Do not use the device in places where the use of wireless devices is prohibited.

Safe Power
Before connecting the device, make sure that the input voltage (AC plug) matches the voltage rating of the unit and that the AC plug is protected by an RCD. Failure to do so may result in damage to the device and possibly injury to the user. Unplug when storms occur and when the unit is not used for long periods of time to reduce the risk of electric shock or fire.

Ensuring correct polarity when changing the battery
Incorrectly inserted batteries may damage the device or batteries. Be sure to observe the correct polarity when inserting the batteries.

Attention to lithium batteries
If a leak is discovered on the device's battery, it must be removed as soon as possible, this should only be replaced by qualified personnel.

It is important to store devices with lithium batteries properly
otherwise this will damage the batteries and significantly reduce their lifespan. At full discharge, lithium batteries can be permanently damaged or lose some of their capacity. Before longer breaks, charge the batteries to about 50% of their capacity, then turn off the device. Store the device at room temperature or cooler in as dry an environment as possible. If the batteries are stored for an extended period, charge them to 50% every three months. Only fully charge the batteries shortly before use at room temperature.

Possible smudge by a chemical reaction
Rubber coating in the rubber surface of this product may react with the coating and after some time cause permanent dark spots. In case of doubt, do not place the rubber foot directly on the surface, and instead use a suitable underlay, e.g. felt or similar.

Uses

- This device is an LED projector to create decorative lighting effects. The device is designed for professional use in event technology, such as on stage. It is not suitable for household lighting.
- Only use the device in accordance with the instructions herein. Damage resulting from failure to follow this manual will void the warranty! We accept no responsibility for any resulting damages.
- We accept no responsibility for material and personal damage caused by improper use or failure to follow safety instructions. In such cases, the warranty/guarantee will be void.
- Unauthorized modifications or modifications to the device are not permitted for safety reasons and void the warranty.

Danger of electricity

- The device is only suitable for indoor use. Do not use it outdoors. Never expose it to rain or moisture. Should not be stored in a room exposed to moisture.
- To reduce the risk of electric shock, do not open any electrical parts. There are no serviceable parts inside the device.
- The device may only be opened in extreme emergency cases in connection with the removal of external objects.
- Only connect the device to a properly installed electrical outlet. The outlet must be protected by a circuit breaker (RCD). The voltage and frequency must be the same as indicated on the device. If the cord is equipped with a grounding switch, then it must be plugged into an outlet with a protective ground. Never remove the protective grounding of the cord. Removing the ground wire may result in damage to the device and possibly injury to the user.
- Never touch the device with wet or damp hands. There is a risk of potentially fatal electric shock.
- Unplug the unit during lightning storms when it will not be used for an extended period or before cleaning.

Instructions for using the device

- The specified operating temperature of the device is +5 to +45°C. Do not operate the device outside of this temperature range.
- The device can get up to 65°C during use. Avoid contact with people and materials.
- The device must have at least 80 cm to the nearest surface.
- Do not use the device near flammable materials. Always place the device in a place where adequate air circulation is ensured. Leave 50 cm of free space around the unit. Never cover the ventilation openings of the device.
- Only use the device in a moderate climate, never use the device outside the specified working temperature.
- Do not look directly at the light source. People with photosensitive epilepsy may suffer from epileptic seizures or sustain other injuries.
- Make sure the product is set up or installed safely and expertly and prevented from falling. Comply with the standards and regulations applicable in your country, in particular EN 60598-2-17.
- Eagle Lite cannot be held responsible for damage caused by improper installations or inadequate safety.
- When using the device overhead, the device must always be secured with a safety wire or safety net.
- Make sure the area below the installation location is blocked when rigging, unrigging, or servicing the device.

Service and maintenance of the device

- The unit is not designed for permanent operation; therefore, it is important to the unit for consistent breaks in operation. This helps to ensure longevity without defects.
- Never turn the device on and off at short intervals. This will significantly reduce the service life.
- If the device has been exposed to drastic temperature fluctuations, do not turn it on immediately. The resulting condensation may damage the device. Allow the device to reach the ambient temperature before plugging in. Wait until condensation has evaporated.

- After use, the unit must always be allowed to cool before unrigging if this is not observed and the unit is then defective. The warranty does not apply.
- Please use the original packaging to protect the device from vibration, dust, and moisture during transportation or storage.
- If a serial number sticker is affixed to the device, do not remove the label as this will void the warranty.

Cleaning and maintenance

The outside of the device should be cleaned periodically to remove contaminants such as dust, etc. Especially the lens must be clean to ensure maximum light output. In addition, it is also recommended to check for other foreign objects in the device.

1. Disconnect the power and allow the unit to cool before cleaning.
2. Clean the surface with a soft, lint-free and damp cloth. Never use alcohol or solvents, as these can damage the surface. Make sure no liquid can get into the device.
3. The unit must be dry before reconnecting power.

There are no serviceable parts inside. Do not open the housing. Do not attempt to repair the device as this may result in damage. Maintenance and service operations must only be performed by authorized repairers. If you need replacement parts, please use original parts. Should you have any further questions, please contact your dealer.

Wireless remote control
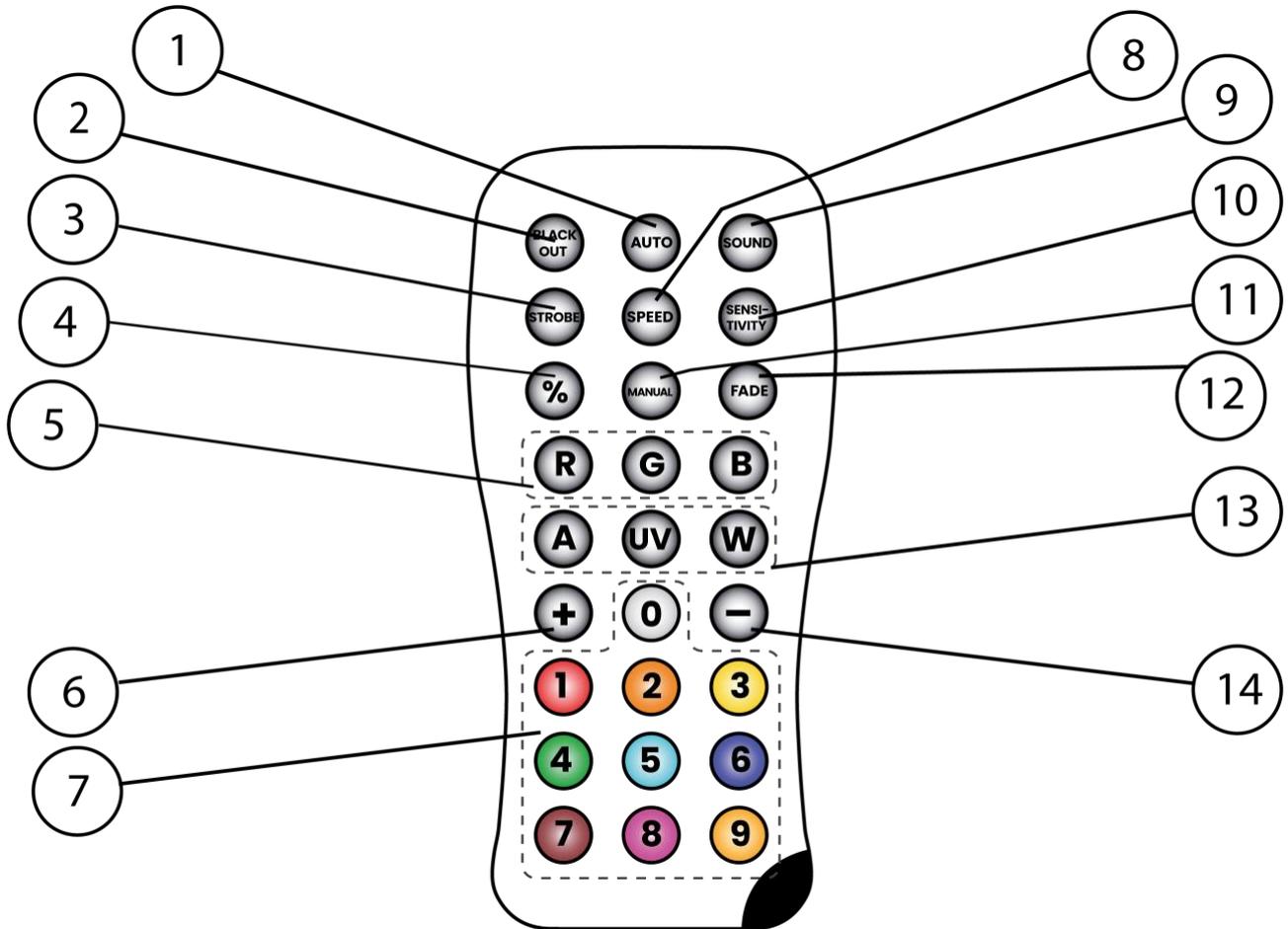
1	[Auto] Enable or disable Auto mode
2	[Blackout] Enable or disable Blackout
3	[Strobe] Enable or disable strobe effect
4	[%] Reset speed in [Speed] function
5	[R,G,B] Control values on the three primary colors
6	[+] Adjust values up on the desired function
7	Pre-installed color palette for a quick and easy setup (UV is only available if the device has this)
8	[Speed] adjust speed of auto program with [+/-]
9	[Sound] Turn sound control on or off.
10	[Credit] Adjust sensitivity on sound mode. Can be adjusted with [+/-]
11	[Manual] activate a constant color, align with one of the specified values [R,G,B,W,A,UV]
12	[Fade] Enable or disable fade mode
13	[A,UV,W] Control values on the three primary colors (UV is only available if the device has this)
14	[-] Downgrade values up to the desired function

Change the battery on remote control
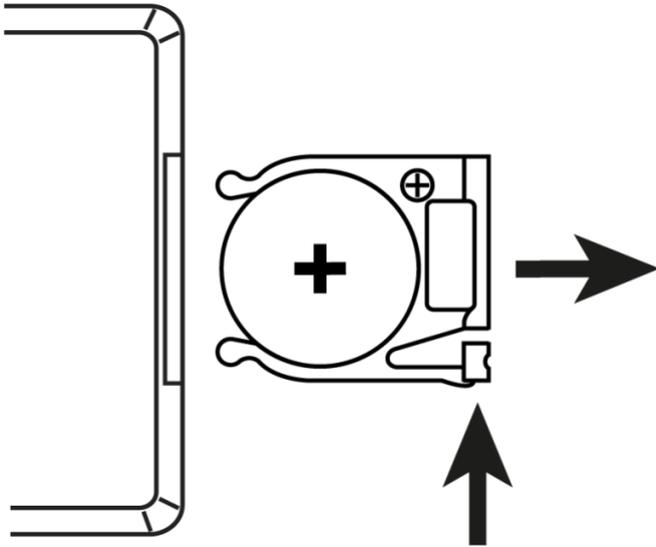
Press the specified latch and then pull out the battery pack. For proper replacement, the battery must be replaced with a battery of the same rating as the original battery. The battery is correctly inserted when the positive terminal is facing the bottom of the remote control, push the battery holder back in until it says click.

During shipping, the battery is already installed, this also means that there is plastic foil for protection against discharge.

Wireless & Master/Slave Setup

When using wireless DMX, up to 512 channels can be used per Universe. It is possible to make up to 4 universes in parallel transmission without interference

Guide to using wireless master slave

When using a wireless master slave, it is first important to confirm that all the desired devices are running the same network channel and that all devices are using the same DMX channel, e.g. 001.

1. Set the desired master to any value in, Auto, Sound, Manual or similar.
2. Then take your slave unit
3. Go into modes
4. Select DMX, here you can choose 5 or 9 channel mode. Here it is important that you run the same dmx mode as your master.
5. Then you must press enter.
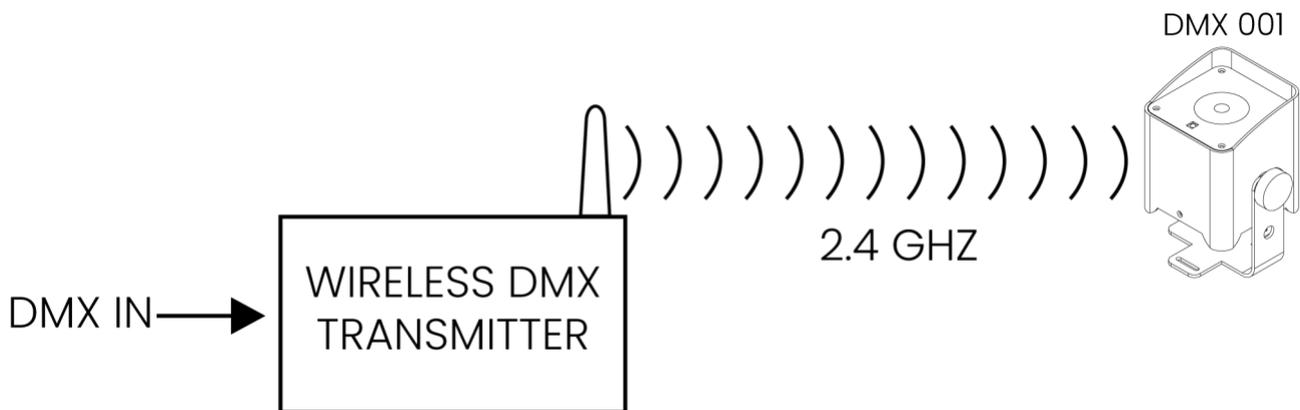6. Now your devices receive signal from your master.

My master/slave setup doesn't work, what do I do?

Always check the following

- Uses the same network channel 1-4 if not this is fixed
- Uses the same DMX mode 5/9 channels, if not this will be fixed
- Uses the same DMX address as the master, if not this is corrected

DMX 512 Wireless Setup Guide

1:1 DMX setup

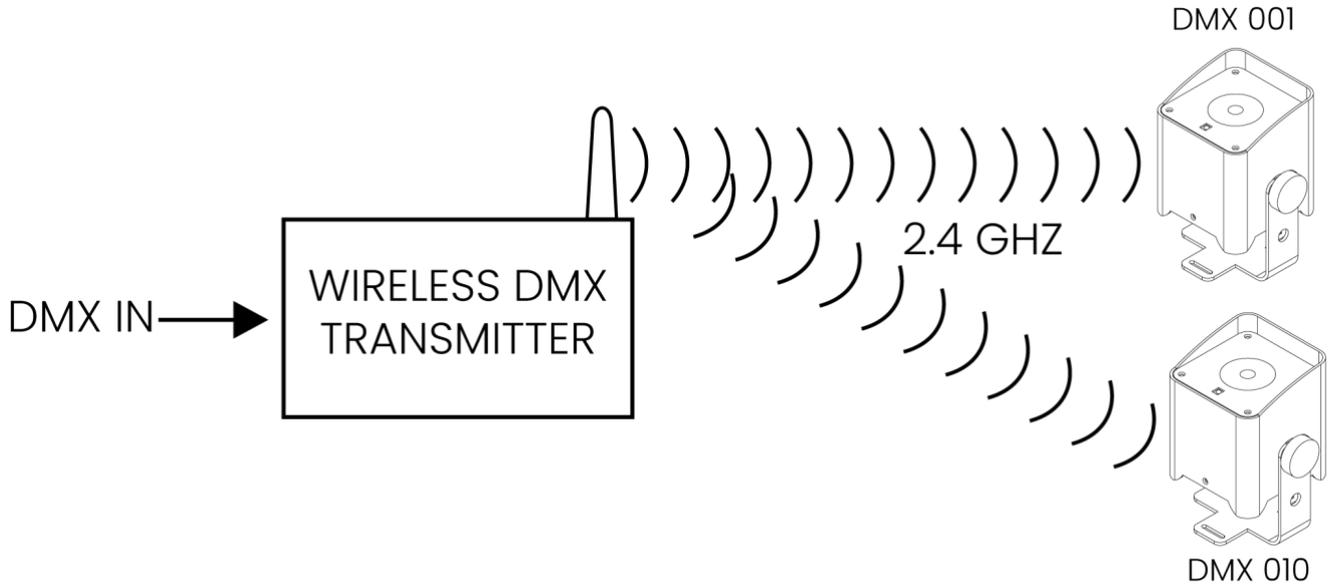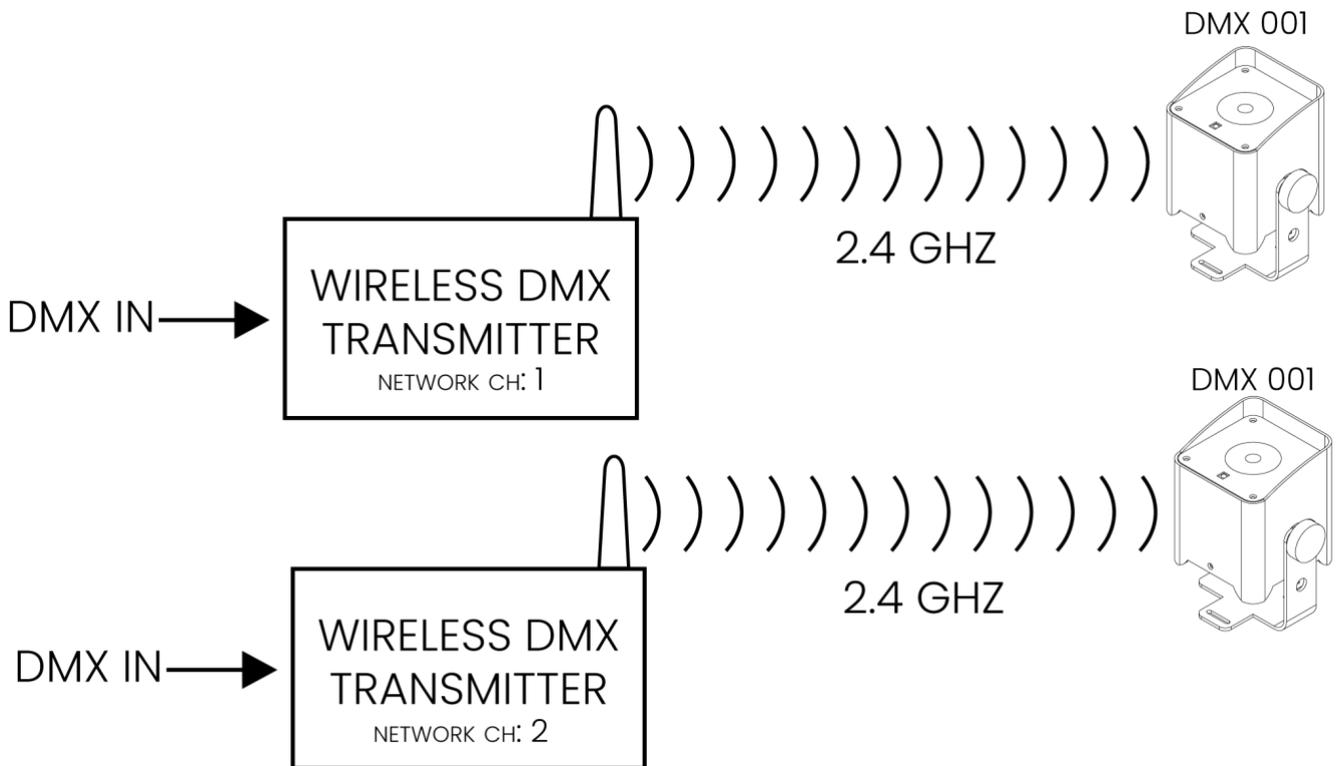## 1:X Setup of wireless DMX

Below is an example of broadcasting several different DMX signals on the same network. The network works as a regular DMX universe up to 512 channels
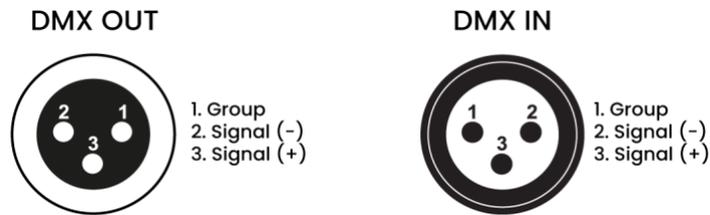
DMX 001

DMX IN → WIRELESS DMX TRANSMITTER

2.4 GHZ

DMX 010

Parallel DMX broadcast

DMX 001

DMX IN → WIRELESS DMX TRANSMITTER
NETWORK CH: 1

2.4 GHZ

DMX 001

DMX IN → WIRELESS DMX TRANSMITTER
NETWORK CH: 2

2.4 GHZ

DMX 001

Explanation of DMX/XLR Connections

DMX OUT

2 1
3

1. Group
2. Signal (−)
3. Signal (+)

DMX IN

1 2
3

1. Group
2. Signal (−)
3. Signal (+)

If you are using DMX control for this device, you can connect the DMX control output directly to the DMX input of the first device in the DMX chain. If you wish to connect DMX control with other XLR outputs, simply pull cables from the output on the unit, thereby linking further.

Daisy chaining DMXFor connect the DMX output of the first device in the DMX chain with the DMX input of the next device. Always connect one output to the input of the next device until all devices are connected.

DMX-512 Setup with DMX TerminatorFor installations where the DMX cable needs to be routed over a long distance, or is in an area with a lot of electrical noise, such as a disco, larger productions, etc., it is recommended to use a DMX terminator. This helps prevent interference with the digital signal by electrical noise.
The DMX terminator is simply an XLR connector with a 120 resistor connected between pins 2 and 3, which is then plugged into the XLR output of the last device in the chain.

Power Setup

Proper current and voltage are very important for the proper functioning of the device.
UPMINI run on 100 to 240 volts AC (+/- 10%, auto adjustment). The unit includes an automatic power supply for adjusting voltage.

Proper connection
Use the included power cable or one of the same ratings. When using other cables, it is important that the following are observed.

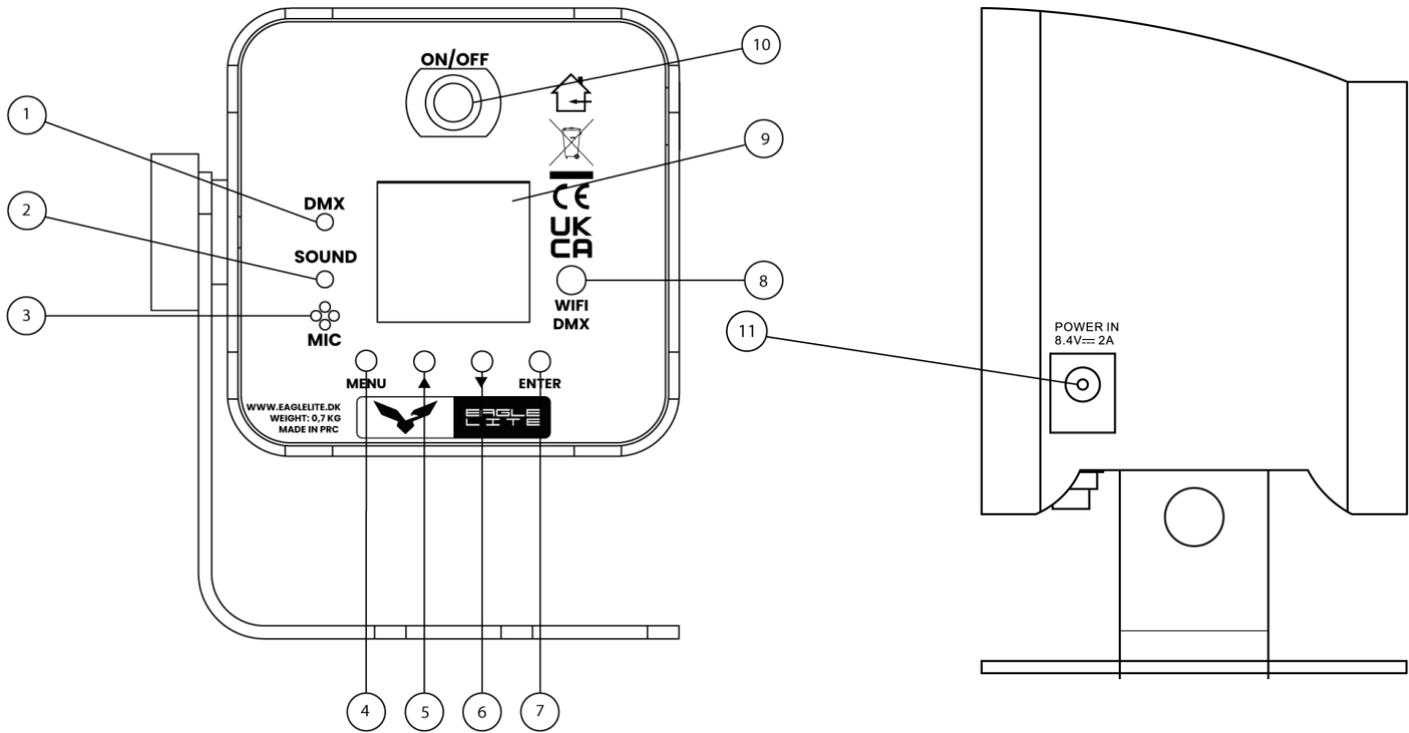| Cable Color	Connection explanation	International Signs
Brown	Plus	L
Blue	Minus	N
Yellow/Green	Earth	⏚

Accessory

The following is included

- 1x Charger
- 1x Remote Control

Accessories that can be purchased

- 6in1 Flightcase with space for accessories in the middle Article no.: 200110

Description of the device

Description of the device	
1	LED for indication of wireless dmx signal
2	Link to indicate if sound control is active
3	Microphone for sound control mode
4	Menu button to switch between menus
5	Up button to choose between levels in menu
6	Down button to choose between levels in menu
7	Enter button to confirm/select option in menu
8	LED for the status of Wireless dmx connection
9	LCD color display for displaying settings and other information
10	ON/OFF button
11	Charging port
12	Locking screw to tighten the foot
13	LED 1X15W RGBWA
14	Infrared sensor for receiving signals from remote control
15	Foot/Bracket with integrated magnet in the foot.

Size/Size

75 mm

139 mm

97 mm
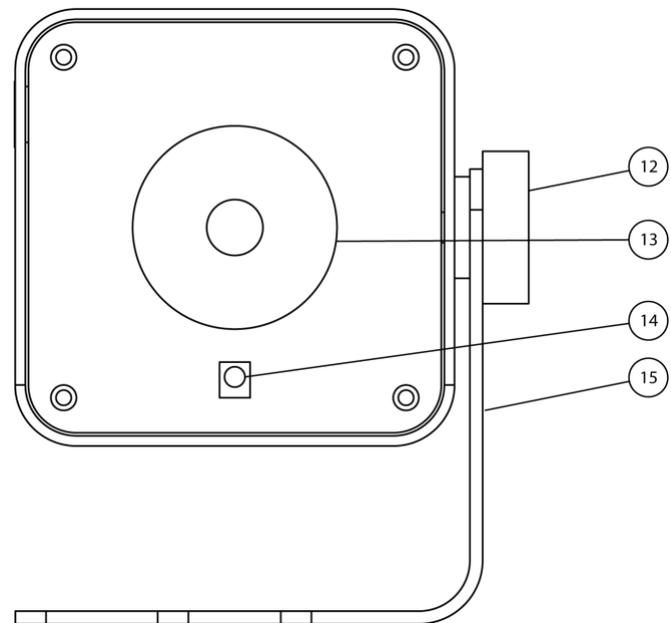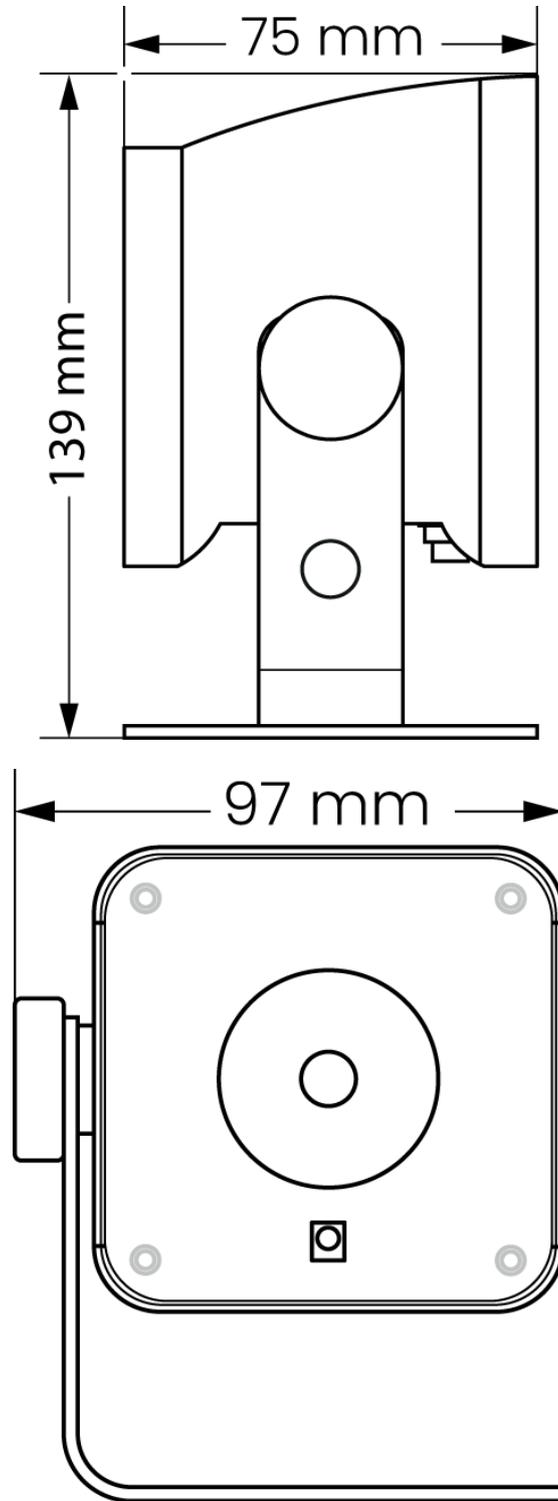
Menu overview

Head Menu	Under Menu Level 2	Under Menu Level 3	Under Menu Level 3	Description
DMX Address	001-512			Set DMX channels
Fashion	DMX	5/9 ch mode		Select DMX modes
	Auto			Select Auto modes
		Prog	SP00 – SP99	Program Speed on program
		Step	SP00 – SP99	Step Colour change, and speed change
		Fade	SP00 – SP99	Fade Colour change and speed change
	Sound			Select sound modes
		Step	SP00 – SP99	Step Colour change, and sensitivity change for microphone
		Fade	SP00 – SP99	Fade Colour change and sensitivity change for microphone
	Static	Dimmer	0-255	Set dimmer value
		Strobe	0-255	Set shutter and strobe effect
		C-Macro	1-9	Select premixed colors
		Ed	0-255	Red dimmer 0-100%
		Green	0-255	Green dimmer 0-100%
		Blue	0-255	Blue dimmer 0-100%
		White	0-255	White dimmer 0-100%
		Amber	0-255	Amber dimmer 0-100%
Settings	W-DMX	1-4 ch		Select between wireless dmx channel 1-4
	2.4G Master	ON/OFF		Choose between ON/OFF
	Wifi Reload	Yes/No		Reset/reload wifi dmx on this device
	Display	ON/OFF		Automatically shutdown screen when not in use
	Display Rev	ON/OFF		Rotate screen 180°

	Limiter	ON/OFF		Lower the maximum brightness to extend battery life
	DMX Fail	Blackout		Blackout when loss of dmx signal
		Sound		Sound control when loss of dmx signal
		Auto		Auto show when loss of dmx signal
		Team		Holding the last value when loss of dmx signal
	Dimmer curve	Linear		Linear dimmer curve
		Exp		Exponential dimmer curve
		Log		Logarithmic dimmer curve
		S-curve		S-shaped dimmer curve
System info	Firmware			Shows firmware version
	Timeinfo			Shows time info on the device
	Temperature			Shows device temperature

Technical Specifications

Description	Data
Power supply:	100-240V AC 50/60Hz.
Power consumption:	15W Max
Battery size	8.4V/3500MAH3 Ah
IP Class:	IP20
GATE:	1x15W RGBWA 5in1
Dimmer/Shutter:	8-Bit linear dimmer / 0-20 Hz
Estimated durability of one charge	One color activated up to 15 hours Color change mode up to 7 hours All colors activated up to 4 hours
Control:	Stand alone, Wireless DMX, Auto, Master Slave, manual
DMX Channels:	Normal Mode(5ch)/Ext.(9ch)
Power connection:	Included charger
DMX connection:	Only wireless Dmx is possible
Beam angle:	25°
Cooling:	Passive cooling no fan
Display type/Display	LCD Screen
Workspace	5°C~40°C
Size:	Depth: 9.7 cm
	Width: 7.5 cm
	Height: 13.9 cm

Weight:	0.7 kg

DMX CHART

Normal Mode (5ch)	Function	DMX Value	Description/Description
1	Red	0-255	0-100% Dimmer Red
2	Green	0-255	0-100% Dimmer Green
3	Blue	0-255	0-100% Dimmer Blue
4	White	0-255	0-100% Dimmer White
5	Amber	0-255	0-100% Dimmer Amber

Normal Mode (9ch)	Function	DMX Value	Description/Description
1	Dimmer	0-255	Master Dimmer 0-100%
2	Strobe/Shutter	0-0	Open
		1-255	Strobe effect 0-100&
3	Red	0-255	0-100% Dimmer Red
4	Green	0-255	0-100% Dimmer Green
5	Blue	0-255	0-100% Dimmer Blue
6	White	0-255	0-100% Dimmer White
7	Amber	0-255	0-100% Dimmer Amber
8	Auto programs	0-4	No Function
		5-80	Color macros
		81-150	Color step effect
		151-220	Color Fade effect
		221-255	Sound control
9	Speed for auto show	0-0	No function
		1-255	Speed/sensitivity for auto shows 0-100%

Company info
Mail: info@eaglelite.dk
PHONE: +45 27 58 72 31

WEB: https://eaglelite.dk/

Company: Eagle Lite
CVR: DK39524627