

LED BALLOON LIGHT TOWER

User Manual
Series 100W — 200W RGB+W

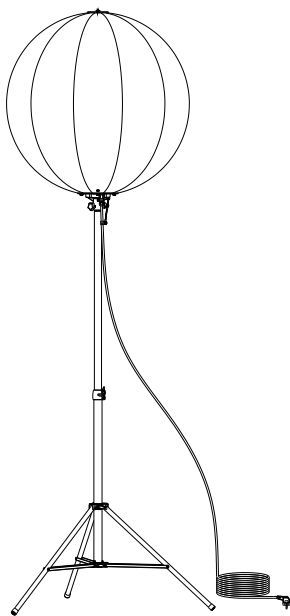


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WARNING

REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, GLARE, OR INJURY:

1. Do not stare directly at the powered light source.
2. Setup / foldback must be performed by qualified personnel.
3. Do not attempt to modify or repair the unit yourself - all service must be performed by our authorized personnel only.
4. Always disconnect the unit and wait for 15 minutes cool-down before servicing.
5. Do not operate the unit with a damaged envelope or without an envelope.
6. Do not operate the unit with damaged electronics or if parts are missing.
7. Do not operate the stand-mounted unit on an uneven surface or a sloping ground $> 8^{\circ}$ from horizontal.
8. Do not use the unit if wind speed exceeds 100 km/h (62 mph).
9. It is recommended to use our stands. Just always tighten all T-handles firmly to avoid injury.
10. Be aware of local weather conditions and changes, especially wind speed. Adapt stand height accordingly.
11. Always use a Ground Fault Circuit Interrupter (GFCI) when operating near water or during inclement weather.
12. For USA / Canada, use only NEMA 5-15 plug extension cords connected to the correct electrical source outlets.
13. Use only inverter-type generators. Non-inverter generators may cause voltage / frequency fluctuations and damage the light.
14. Do not use the product if the cable is damaged, twisted, or tangled.

KEEP THESE INSTRUCTIONS WITH YOUR PRODUCT

02 PRECAUTIONARY PRINCIPLES

1. Do not leave the deflated envelope uncovered when not in use.
2. Store the unit in a dry, ventilated area away from heat sources and chemical products.
3. Make sure the envelope is completely dry before storage.
4. Do not use chemical solvents to clean the envelope. Use mild soap and water if necessary.
5. Protect the envelope by operating away from walls, projectiles, electric wires, trees, animals, etc.
6. Do not modify the electrical components or unit structure.
7. Do not operate the unit if the cable is damaged, twisted, or tangled.
8. Operate the unit with the air filter as clean as possible. A clogged filter raises internal temperature and shortens LED lifetime.
9. Care must be taken when handling the product in its original packaging. Be careful not to drop the product under its own weight.
10. Any damaged or torn container (envelope) must be replaced.
11. Heavy weight -take care of footing during setup and movement always operate on stable, level ground.
12. In strong wind, stop use immediately to prevent tipping, and deflate the balloon.
13. Do not touch the unit with bare hands during operation or shortly after shutdown- the housing is hot.

**FAILURE TO COMPLY WITH ONE OR MORE OF THESE
RECOMMENDATIONS WILL LEAD TO THE LOSS OF
THE PRODUCT WARRANTY**

03 PRODUCT OVERVIEW

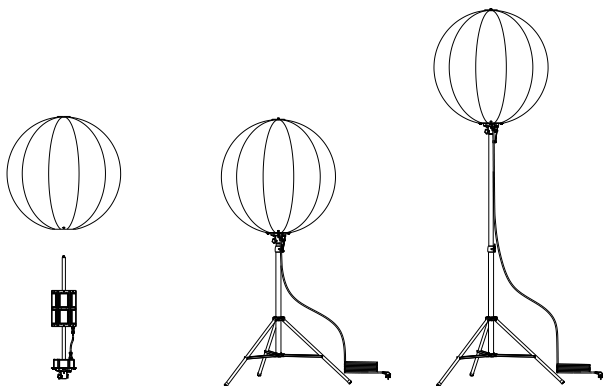


Fig.1 Product Overview

KEY FEATURES

360° Glare-Free Illumination

Wind-Resistant Up to 100 km/h

Self-Inflating Balloon Envelope

Fast Setup & Tear-Down

Energy-Efficient LED Technology

Wide Voltage 100-277 V AC

Waterproof & Dust-Resistant (IP54)

PRODUCT INTRODUCTION

Our RGBW balloon light is specifically designed for events, with two power options of 100W and 200W, and comes with a remote control to provide stable and rich lighting options for your event site.

04 PRODUCT SPECIFICATIONS

LED Balloon/Tower Light 360° OMNI ILLUMINATION



IP54



Easy Setup



Dimmable



Rapid Heat
Dissipation



No Glare



RGB Adjustable



360° Illumination



Diffused Light



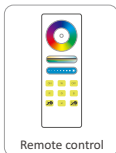
ACCESSORIES



Safety pin



Switch



Remote control

SPECIFICATIONS

Model	HV-BL-100W-RGBW	HV-BL-200W-RGBW
⚡ Power	100W	200W
☀ Lumen	14000lm	28000lm
🌈 Color temperature	RGB+3000K	
🔌 Voltage	AC 100-277V	
📡 Frequency	50/60Hz	
🛡 Protection Rating	IP54	
📏 Inflated Dimension	100cm(3.28 ft)	130cm(4.27 ft)
📱 Control	Wireless Remote + Physical Button	
🌙 Dimming	Supported	
🕒 Lifetime	50,000+ Hours	
🛠 Warranty	5 Years	



Foldable Design
Quick setup and
easy to transport



Wireless Remote
Convenient control
from a distance



RGB
Full color with
warm & cool whites



360° Illumination
Even, softlight
in every direction

05 PARTS LIST

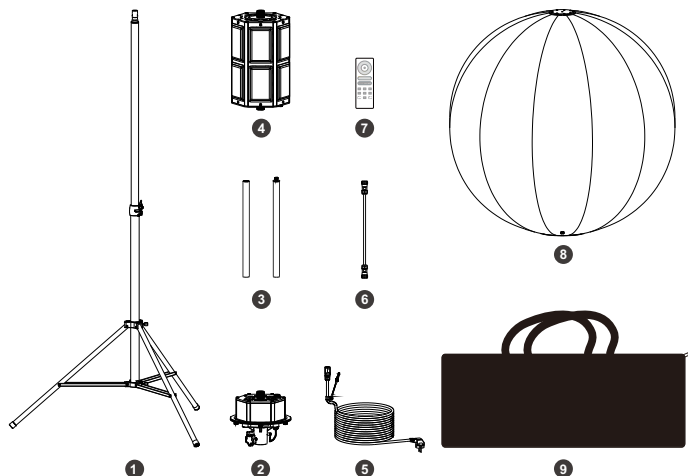
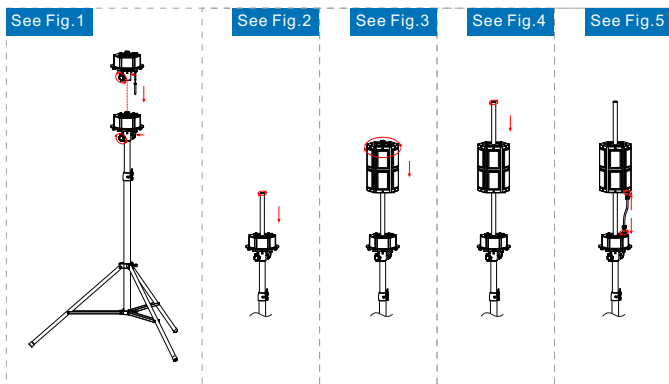


Fig.2 Standard Parts & Accessories

No.	Name	Description
1	Stand(sold separately)	4 stand options
2	Lamp Base	Houses air filter and power inlet
3	Lamp Pole	Connecting lamp base and lamp head, fixed balloon envelope
4	Lamp Head	High-efficiency LED module, replaceable
5	Power Supply Cord	5m or 10m options
6	Power Connection Cable	Connect the power cable between the lamp base and the lamp head
7	Remote control	Convenient control from a distance
8	Balloon Envelope	Self-inflating fabric balloon, 360° diffused
9	Carry Bag	Lightweight design with handle for easy carrying

06 INSTALLATION GUIDE

- 1.Place the tripod on flat ground and make sure the legs are stable before mounting. Pull out the chain pin of the light base, loosen the bolt, align the hole of the tripod column, insert the chain pin fully, then tighten the knob to fix the base. (See Fig.1)
- 2.Screw the lower internal-thread lamp pole to the lamp base.(See Fig.2)
- 3.Mount the lamp head onto the lamp pole with quick connector downward. (See Fig.3)
- 4.Screw the upper internal-thread lamp pole onto the top thread of lamp head.(See Fig.4)
- 5.Plug the quick-connect terminals from the base and lamp head together. (See Fig.5)
- 6.Ensure all connections are tightly fastened. The internal assembly of the light fixture is now complete.



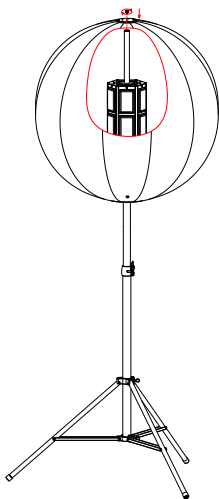


Fig.3 Envelope Zipper

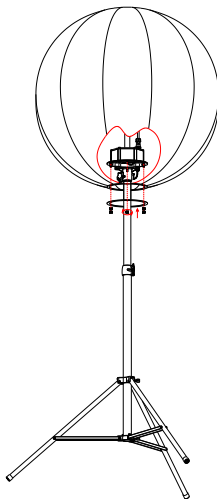


Fig.4 Envelope Attachment

HOW TO REPLACE THE ENVELOPE

Envelope Fixation Points

- The envelope is fixed to the fixture at 7 points: 1 screw cap on top, 6 screw caps on the bottom.

Install the New Envelope

- Place the new envelope over the fixture, aligning the fixing holes with the screw positions.
- Screw on the top screw cap first to hold the envelope in position.
- Cover the bottom balloon holes with the round black frame, then screw on the 6 bottom screw caps in sequence.
- Ensure all 7 screw caps are firmly tightened.

Remove the Old Envelope

- Unscrew the 1 top screw cap and the 6 bottom screw caps.
- Carefully remove the envelope from the fixture, avoiding snagging on protrusions.

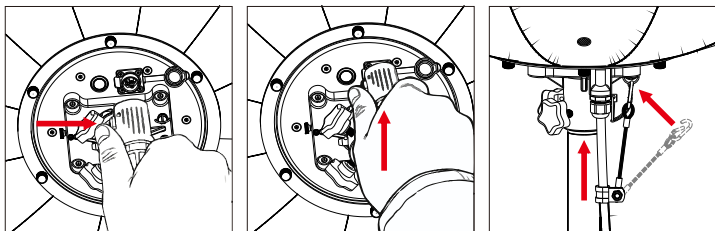


Fig.5 Power Connector

STEP 1 - Check the Connector Orientation

Verify the orientation of the power cord connector. Align the pins and push the connector all the way into the light's inlet until it clicks. To disconnect, press and hold the lock-release button while pulling out.

STEP 2 - Verify Connection

Pull gently on the connector to confirm it is locked and cannot be pulled out.

STEP 3 - Attach the Safety Wire

Loop the safety wire attached to the cable over the hook on the light fixture to prevent the connector from falling or being damaged.

POWER ON /OFF

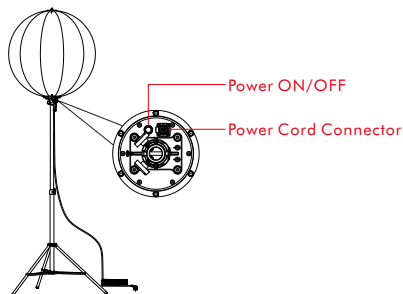


Fig.6 Control Panel & Switch

Confirm the tripod and light are securely fixed. Plug the cable firmly into the outlet. Turn on the power switch on the bottom of the light. The fan starts, the envelope inflates automatically, and the LED lights up.

When finished, turn off the power switch, then unplug. The envelope will deflate automatically.

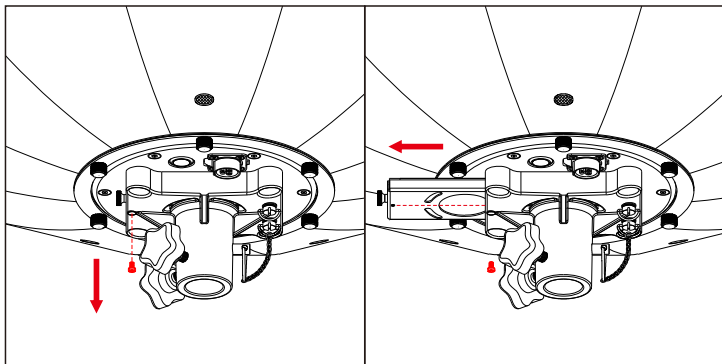


Fig.7 Air Filter Location

CLEANING INTERVAL

Inspect the air filter every 50 operating hours. Clean immediately if the filter appears discoloured or visibly clogged.

A clogged filter raises internal temperature and shortens LED lifetime.

CLEANING PROCEDURE

1. Disconnect power and wait 15 minutes for the unit to cool down completely.
2. Under the south pole plate, remove the rain-cover protection by unscrewing its 1 screws.
3. Slide the sponge-type air filter out along the support stand.
4. Wash the filter with mild soap and water. Allow it to dry completely before reinstallation.
5. Reinstall the clean (or new) air filter, then reattach the rain-cover protection with its 1 screws.

10 CONTROL OPERATION INSTRUCTIONS

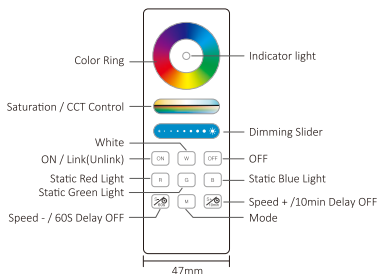
PRODUCT FEATURES

- ◆ WHITE/COLOR LED, REMOTE CONTROL; RGB/RGBW/CCT OPTIONS, 100W-200W, CUSTOMIZABLE SHAPE, GRAPHICS AND LOGO
- ◆ FOLDABLE TRIPOD, LIGHTWEIGHT, PORTABLE WITH RAPID SETUP
- ◆ 360° GLARE-FREE DIFFUSED SOFT LIGHT, DIMMABLE, EQUIPPED WITH POWER SWITCH
- ◆ WATERPROOF, TRANSLUCENT, ANTI-UV & FLAME-RETARDANT BALLOON; BUILT-IN FILTER AGAINST DUST AND MOSQUITOES
- ◆ OPTIONAL IP54 WEATHERPROOF RATING FOR OUTDOOR APPLICATION
- ◆ 50,000+ HOURS LIFESPAN, LOW MAINTENANCE

APPLICATIONS

- ◆ PERFECT FOR FILM SHOOTING, STUDIO PHOTOGRAPHY, WEDDINGS, PARTIES, LIVE SHOWS AND VARIOUS INDOOR & OUTDOOR EVENTS.

REMOTE CONTROL



MULTIPLE ADAPTERS

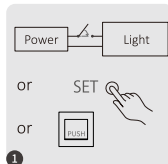
- Touch the color ring to change colors.
- Under white light mode, adjust color temperature; Under color light mode, change color saturation.
- Slide the brightness slider to adjust the brightness.
- Press the button to get white light.
- Touch ON button, turn on the linked device.
- Touch OFF button, turn off the linked device.
- Static red light.
- Static blue light.
- Static green light.
- Dynamic mode switching button.
- Accelerate the speed under present dynamic mode. Under static mode, Long press for 2 seconds, the light shine once, the light will be off after 10 minutes.
- Slow the speed under present dynamic mode. Under static mode, long press for 2 seconds, the light shine once, the light will be off after 60 seconds.



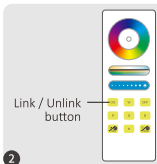
MULTIPLE MODES
CCT ADJUSTABLE

2.4G RF REMOTE CONTROL INSTRUCTION

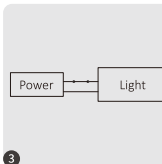
Linking Code Instructions



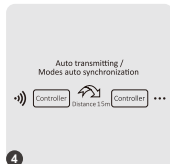
Power off 10 seconds and power on again or short press "SET" one time or turn on light via PUSH switch



Short press "I" button 3 times within 3 seconds.



Lights blink 3 times slowly means linking is done successfully.



When one remote controls multiple lights, each light shall be paired separately with the same remote. Keep 15 m safe distance between lights for synchronous control.



Linking failed if light is not blinking slowly, Please follow above steps again.
(Note: Light that have linked can't link again)

11 ADJUST HEIGHT

We provide 4 kinds of heights of tripods for this LED RGBW balloon light, with a minimum height of 1 meter and a maximum height of 5 meters, to meet customers' different scene needs.

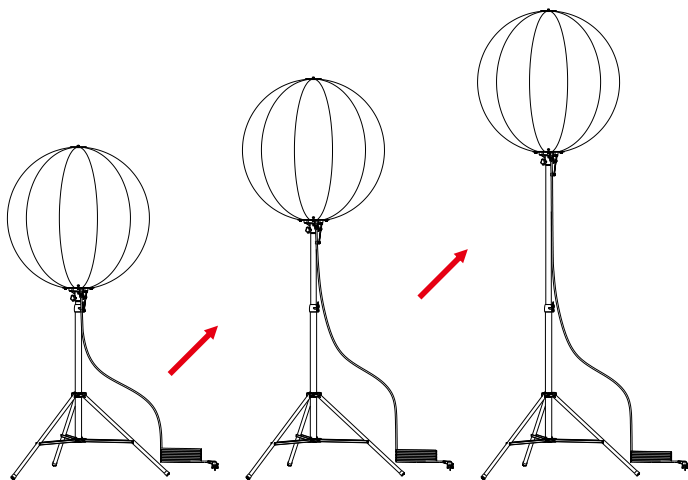


Fig.8 Height Adjustment

TRIPOD STANDS

Model	Weight	Height Range	Suitable For
Tripod-S	4 kg	1050-2000mm	100W
Tripod-N	4.7 kg	1130-2800mm	100-200W
Tripod-V	11.8 kg	1540-3800mm	100-200W
Tripod-H	12.1 kg	1630-5000mm	100-200W

12 TROUBLESHOOTING

Before requesting service, please check the following common issues.

Symptom	Possible Cause	Solution
Does not light up	No power at the outlet	Check power supply and breaker
Does not light up	Power switch is OFF	Turn on the switch
Does not light up	Plug not fully inserted	Re-insert firmly, wait 10 s between attempts
Does not light up	Outlet fault	Try a different outlet
Does not light up	Possible earth leakage	Unplug, wait a while, re-insert
Light flickers	Unstable voltage	Use a stable power source or inverter
Balloon does not inflate	Air filter is clogged	Clean or replace the air filter
Overheating alarm	Filter clogged or blocked vents	Clean the filter, ensure ventilation
Unusual noise or smell	Internal fault	Switch off immediately and contact service

13 WARRANTY

We are proud of the quality and reliability of our LED Balloon Light products. The following warranty coverage applies:

The entire LED Balloon Light is covered by a 5 (five) year warranty from the date of purchase against manufacturing defects, under correct use conditions.

The balloon envelope is a consumable item - each unit comes with a spare envelope. Envelope wear and tear is not covered under warranty.

CLAIM PROCEDURE

1. Contact authorised dealer to initiate a warranty claim.
2. Send the unit (via ground shipping), together with a copy of the original invoice, to dealer for technical analysis.
3. Our technicians will determine if the issue is covered under warranty.
4. After repair, we will return the unit at our expense via ground shipping (express available at extra charge).
5. If complete unit replacement is required, we must receive the original unit before shipping a replacement.

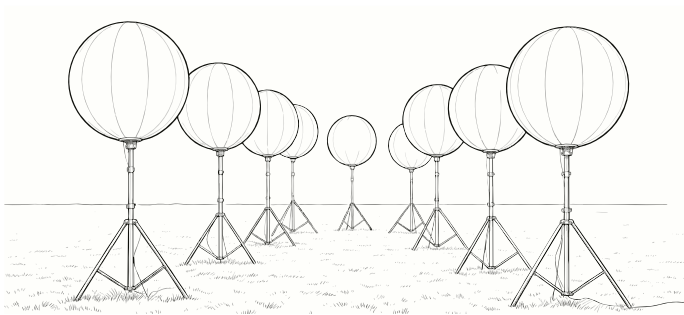
WARRANTY EXCLUSIONS

Damage caused by improper use, unauthorized modification or repair, or use of non-original parts.

Damage caused by accidents, impact, water immersion, fire, or acts of nature.

Normal wear and tear of consumable parts (envelope, air filter).

Damage caused by use with non-inverter generators or improper power sources.



ACKNOWLEDGEMENT

Thank you for choosing our LED Balloon Light Tower. We are committed to providing you with safe, reliable and innovative lighting solutions for the most demanding environments.

