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GODOX SZ300R

Godox SZ300R Zoom RGBWW LED Video Light

User Manual

Introduction

This manual provides detailed instructions for the safe and effective operation of your Godox SZ300R Zoom RGBWW LED Video Light. Please read this manual thoroughly before use to ensure proper functionality and to prevent damage to the product or injury to yourself or others. Keep this manual for future reference.



Image: The Godox SZ300R LED Video Light, featuring its cylindrical body, integrated U-bracket, and a standard reflector attached to the front. It is shown mounted on a light stand.

Safety Instructions

To prevent damage to the product and to ensure your safety, please observe the following precautions:

- Do not disassemble or modify this product.
- Keep this product dry. Do not handle with wet hands or immerse in water.
- Keep out of reach of children.
- Do not use in the presence of flammable gases or liquids.
- Ensure the power supply voltage matches the product's requirements.
- Unplug the power cord during thunderstorms or when not in use for extended periods.

- Avoid direct eye exposure to the light source.
- Do not obstruct the ventilation openings on the light body.

What's in the Box

Verify that all components are present upon unpacking:



Image: An overhead view displaying all items included in the Godox SZ300R package. This includes the main light unit, a standard reflector, a diffusion dome, power supply unit, power cables, a safety cable, and a custom carrying bag.

- Godox SZ300R LED Video Light
- Standard Reflector
- Diffusion Dome
- Power Adapter
- Power Cable
- Safety Cable
- Carrying Bag
- Instruction Manual (this document)

Setup

1. **Mounting the Light:** Attach the SZ300R to a compatible light stand using the integrated U-type bracket. Secure it firmly with the locking knob on the stand. The 360° rotatable U-bracket allows for flexible positioning.

2. **Attaching Accessories:**
    - **Reflector/Diffuser:** Align the reflector or diffusion dome with the Bowens mount on the front of the light. Rotate clockwise until it clicks into place.
3. **Connecting Power:** Connect the power adapter to the DC input port on the light. Then, plug the power cable into the adapter and a suitable AC power outlet.



Image: The main light unit, a standard reflector, a diffusion dome, and a power cable, illustrating the modular components for setup.

Operating Instructions

The Godox SZ300R offers multiple control methods and lighting modes.

1. Power On/Off

Locate the power switch on the rear control panel of the light. Flip the switch to the "ON" position to power on the device. Flip to "OFF" to power down.



Image: A detailed view of the SZ300R's control panel, highlighting the display screen, function buttons (FN, MENU, FX, HSI, CCT, DIM), and rotary knobs for adjustments. The power switch is visible on the right side.

2. Control Methods

- **Light Body Control:** Use the integrated display, buttons, and rotary knobs on the rear panel for direct adjustments.
- **Bluetooth App Control:** Download the Godox Light app on your smartphone. Pair the light via Bluetooth for remote control of all functions.
- **2.4G Wireless Control:** The light supports 2.4G wireless control with compatible Godox remote controllers (sold separately).

3. Lighting Modes and Adjustments

Navigate through the modes using the dedicated buttons on the control panel (e.g., CCT, HSI, FX).

- **CCT Mode (Correlated Color Temperature):**

  Adjust color temperature from 2500K (warm) to 10000K (cool) using the CCT knob. Adjust brightness (DIM) from 0% to 100%.

- **HSI Mode (Hue, Saturation, Intensity):**

  Access 36000 colors and 360° color gamut. Use the HSI knob to select Hue (H) and Saturation (S). Adjust Intensity (brightness) with the DIM knob.





Image: The SZ300R's display screen showing the HSI mode interface. It indicates a Hue of 170 degrees, Saturation at 100%, and current brightness level at 70%. Channel and Group settings are also visible.

- **GEL Mode:**

  Select from 60 popular color filters. Use the appropriate knob to cycle through the available gels.

- **RGBW Mode:**

  Mix Red, Green, Blue, and White colors to create custom hues.

- **FX Mode (Special Effects):**

  Choose from 14 built-in special effects, including RGB cycle, laser, flash, lightning, cloudy, broken bulb, TV, candle, fire, firework, explosion, welding, police car, and SOS. Adjust parameters for each effect as needed.

- **Mute Mode:**

  Activate mute mode to turn off the cooling fan, suitable for shooting scenes requiring strict silence. Note that prolonged use in mute mode at high power may lead to overheating and automatic shutdown for protection.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the light body. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the light in a cool, dry place, away from direct sunlight and excessive humidity. Use the provided carrying bag for protection during transport and storage.
- **Ventilation:** Ensure the ventilation openings are clear of dust and debris to maintain optimal cooling performance.

Troubleshooting

Problem	Possible Cause	Solution
Light does not power on.	Power cable not connected properly; power outlet issue; faulty adapter.	Check all power connections. Try a different power outlet. Ensure the power adapter is functioning.
Light output is inconsistent or flickers.	Loose connection; overheating; incorrect settings.	Check power and accessory connections. Allow the light to cool down if it has been running at high power. Verify mode and brightness settings.
Remote control (Bluetooth/2.4G) not working.	Not paired; out of range; interference; low battery in remote.	Ensure the light is in pairing mode. Move closer to the light. Check for sources of interference. Replace remote battery if applicable.
Light automatically shuts down.	Overheating protection activated (especially in Mute Mode).	Allow the light to cool down. Avoid prolonged use at high power in Mute Mode. Ensure ventilation is not obstructed.

Specifications

Feature	Detail
Model Number	SZ300R
Color Temperature Range	2500K - 10000K
Color Modes	CCT, HSI (36000 colors, 360° gamut), GEL (60 filters), RGBW
Special Effects (FX)	14 types (RGB cycle, laser, flash, lightning, cloudy, broken bulb, TV, candle, fire, firework, explosion, welding, police car, SOS)
Control Methods	Bluetooth App, 2.4G Wireless, On-body Control
Cooling	Active cooling with Mute Mode option
Mounting	360° Rotatable U-type bracket
Product Dimensions	14.9 x 13.9 x 7.9 inches
Item Weight	0.005 ounces *(Note: This weight appears unusually low and may be a data entry error. Please refer to official product packaging for accurate weight.)*
Manufacturer	Godox

Warranty and Support

Godox products are typically covered by a limited warranty. Please refer to the warranty card included with your product or visit the official Godox website for detailed warranty terms and conditions specific to your region.
For technical support, service, or inquiries, please contact your authorized Godox dealer or visit the official Godox support page. When contacting support, please have your product model number (SZ300R) and purchase information ready.
Official Godox Website: www.godox.com

Video Resources

No official product videos from the seller were provided in the available data for embedding in this manual.

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