Govee H605C

Govee Envisual TV Backlight T2 User Manual

Model: H605C | Brand: Govee

Introduction

The Govee Envisual TV Backlight T2 is an advanced RGBIC LED lighting system designed to enhance your television viewing experience by extending the on-screen colors into your room. Utilizing dual cameras and patented Envisual technology, it provides precise color matching for immersive entertainment. This manual provides comprehensive instructions for setup, operation, and maintenance of your Govee TV Backlight T2.

Product Features

- **Govee Patented Envisual Technology:** Features upgraded dual cameras for highly accurate color-matching along the edges of your TV screen, creating an extended visual effect.
- **Unlimited TV Content Compatibility:** Adjusts in real-time to any TV content, including movies, sports, and gaming, without requiring specific input sources.
- **DreamView Light Show:** Allows synchronization with other Govee smart lights to expand the immersive lighting experience across your entire room.
- **Functional App Control:** Manage the backlight system via the Govee Home App, offering control over brightness, color, and various dynamic modes such as Energetic, Rhythm, Spectrum, and Rolling. Includes DIY, Holiday Party Mode, and Music Mode options.
- **Enhanced RGBIC Lighting:** Equipped with an upgraded 60 LEDs per meter and double the light beads for denser, more vivid, and natural lighting effects.
- **Gravity-Mechanism Structure:** Designed to adapt securely to ultra-thin televisions.

Package Contents

Please verify that all components are present in your package:

- Govee Envisual TV Backlight T2 LED Strip (16.4ft for 75"-85" TVs)
- Dual Camera Unit
- Control Box

- Power Adapter
- Mounting Clips
- Calibration Cards



Image: All components included in the Govee TV Backlight T2 package, showing the LED strip, camera, control box, power adapter, and small bags of mounting clips and calibration cards.

Setup and Installation

Follow these steps to properly install your Govee Envisual TV Backlight T2:

1. **Clean the TV Back:** Ensure the back surface of your TV is clean and dry for optimal adhesive bonding of the LED strip.
2. **Attach the LED Strip:** Carefully peel the adhesive backing from the LED strip and attach it to the back of your TV, following the edges. Ensure the strip is positioned correctly for your TV size (16.4ft for 75"-85" TVs). Use the provided mounting clips for additional security, especially at corners.
3. **Mount the Camera:** Position the dual camera unit on the top center of your TV screen. The gravity-mechanism structure allows it to rest securely. Ensure the camera lenses are unobstructed and facing the screen.



Image: Illustration of the gravity-mechanism structure securely attaching the camera unit to the top edge of an ultra-thin TV.

4. **Connect Components:** Connect the LED strip and the camera unit to the control box. Then, connect the power adapter to the control box and plug it into a power outlet.
5. **Download Govee Home App:** Download the Govee Home App from your smartphone's app store (iOS App Store or Google Play Store).
6. **Pair with App:** Open the Govee Home App, create an account or log in, and follow the in-app instructions to add your Govee TV Backlight T2 (Model H605C).
7. **Calibrate the Camera:** This is a crucial step for accurate color matching.
    - In the Govee Home App, navigate to the device settings for your TV Backlight T2.
    - Select the "Calibration" option.
    - The app will display a calibration screen on your TV. Use the provided calibration cards to mark the corners of your TV screen as instructed by the app.
    - Confirm the calibration points in the app. Ensure your mobile device is close to the router or using a mobile hotspot for faster loading of the calibration screen.
    - Avoid direct sunlight on the camera during calibration.

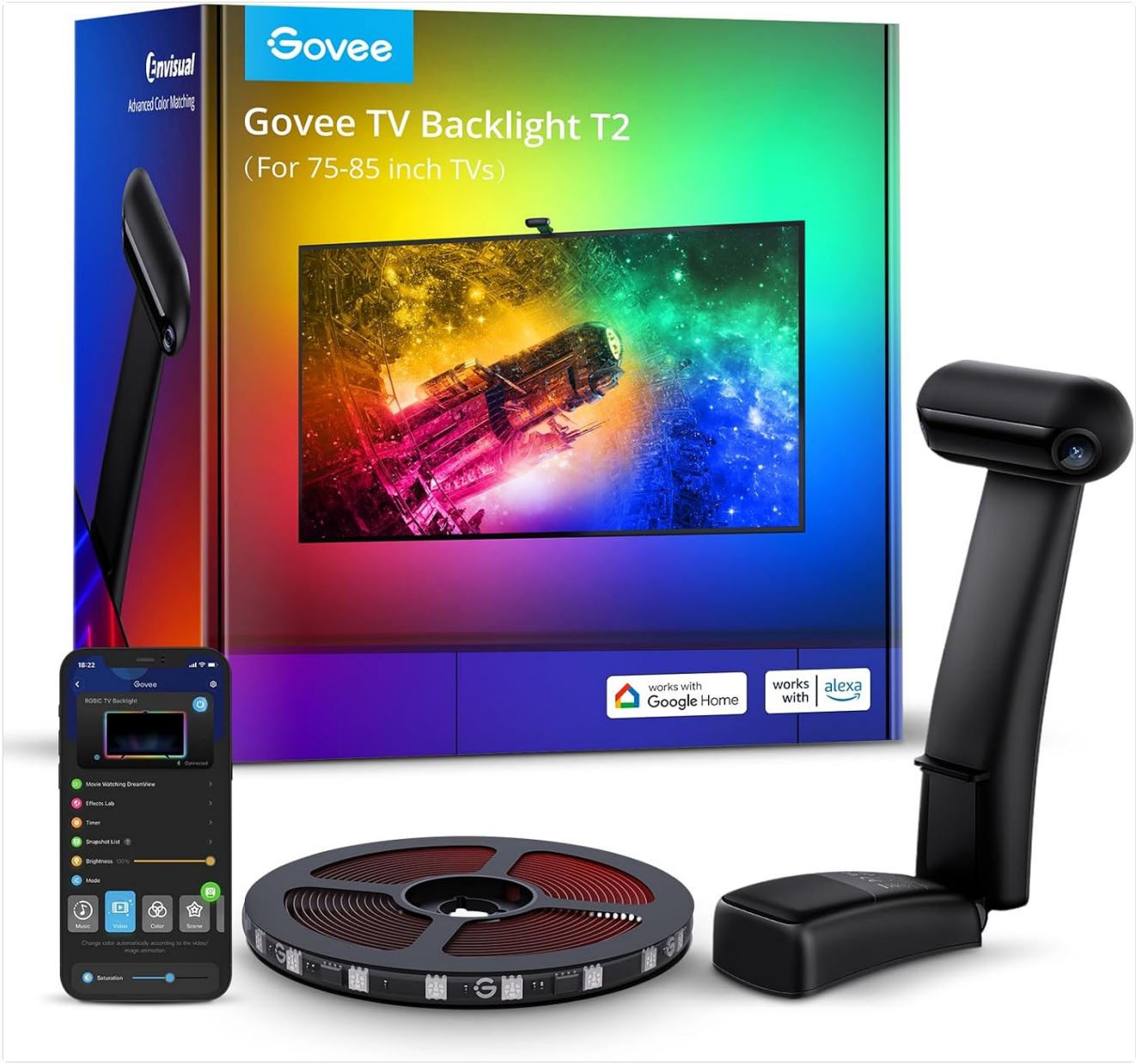


Image: A visual representation of the Govee TV Backlight T2 components, including the camera, LED strip, and control box, alongside a smartphone displaying the Govee Home App interface for setup and calibration.

Operating Instructions

The Govee Envisual TV Backlight T2 is primarily controlled via the Govee Home App. Once installed and calibrated, you can enjoy its various features:

Govee Home App Control

- **Power On/Off:** Toggle the power button within the app to turn the lights on or off.
- **Brightness Adjustment:** Use the slider to adjust the overall brightness of the LED backlights.
- **Color Selection:** Choose from a wide spectrum of colors or select specific color segments for customized lighting.
- **Scene Modes:** Explore various pre-set scene modes designed for different moods and occasions.
- **Music Mode:** Activate Music Mode to synchronize the lights with audio playing from your TV or external speakers. The lights will react to the rhythm and beat of the music.
- **DIY Mode:** Create and save your own custom lighting effects and color patterns.
- **DreamView:** If you have other Govee smart lights, use the DreamView feature to sync them with your TV backlight, extending the immersive effect throughout your room.



Image: A living room setup demonstrating the Govee TV Backlight T2 in action, casting vibrant colors onto the wall behind the TV, enhancing the visual experience of an astronaut scene on screen.

- **Saturation Adjustment:** Manually adjust the lighting effects based on your screen's color saturation for a more personalized experience.

Voice Control

The Govee TV Backlight T2 supports voice control via compatible smart assistants like Google Home and Amazon Alexa. Ensure your device is linked to your Govee account in the respective smart assistant app.

Maintenance

To ensure the longevity and optimal performance of your Govee Envisual TV Backlight T2, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the LED strip and camera unit with a soft, dry cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **Adhesive Check:** Periodically check the adhesive of the LED strip to ensure it remains securely attached to the TV. Reapply mounting clips if necessary.
- **Camera Lens:** Keep the camera lens clean and free from smudges or dust to maintain accurate color detection.
- **Environmental Conditions:** This product is designed for indoor use only. Avoid exposing it to moisture, extreme temperatures, or direct sunlight for prolonged periods.

Troubleshooting

If you encounter issues with your Govee Envisual TV Backlight T2, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	Power connection issue, faulty adapter, or device not powered on.	Ensure the power adapter is securely plugged into the control box and a working outlet. Check if the control box indicator light is on. Try a different power outlet. Verify the device is turned on via the Govee Home App.
Inaccurate color matching.	Improper camera calibration, camera obstruction, or lighting conditions.	Recalibrate the camera using the Govee Home App, ensuring accurate placement of calibration cards. Ensure the camera lens is clean and free from dust or smudges. Avoid direct sunlight or strong ambient light hitting the camera during operation. Ensure the camera is centered on the top of the TV.
Cannot connect to Wi-Fi/Bluetooth.	Incorrect network credentials, distance from router, or interference.	Ensure your Wi-Fi network is 2.4GHz (5GHz is not supported). Verify your Wi-Fi password is correct. Move the control box closer to your Wi-Fi router. Restart your router and the Govee device. Ensure Bluetooth is enabled on your smartphone during the initial pairing process.
Lights flicker or behave erratically.	Loose connection, power fluctuation, or software glitch.	Check all cable connections between the LED strip, camera, and control box. Unplug the power adapter for 10 seconds and plug it back in. Update the Govee Home App and device firmware to the latest version.

Specifications

Attribute	Detail
Model Number	H605C
Brand	Govee
Color	Multicolor (RGBIC)
Light Source Type	LED
Power Source	Corded Electric
Voltage	12 Volts
Wattage	48.0 W
Connectivity	Bluetooth, Wi-Fi (2.4GHz only)
Control Method	App, Voice (Google Home, Amazon Alexa)
Indoor/Outdoor Usage	Indoor Only
Light Strip Length	16.4 ft (5m)
Compatible TV Size	75-85 inches
LED Density	60 LEDs/meter
Item Weight	2.55 pounds
UPC	810088344688

Warranty and Support

Govee products typically come with a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official Govee website.
For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Govee Customer Service through their official website or the Govee Home App. You can also find frequently asked questions (FAQs) and additional resources on the Govee support page.
Govee Official Website: www.govee.com

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question