Govee H6631

Govee Gaming Pixel Light User Manual

Model: H6631

1. INTRODUCTION

The Govee Gaming Pixel Light (Model H6631) is an advanced RGBIC LED panel designed to enhance your gaming environment and provide dynamic visual experiences. Featuring a 52x32 pixel resolution, it offers clear and smooth display of pixel art, animated GIFs, and real-time information. This device integrates seamlessly with your smart home ecosystem via Wi-Fi, supporting voice control through Alexa and Google Assistant. Its versatile design allows for both desktop and wall-mounted installations, making it a flexible addition to any space.

Figure 1.1: Govee Gaming Pixel Light, showcasing the device and its packaging.

2. WHAT'S IN THE BOX

Carefully unpack all components and ensure everything is present before proceeding with installation.

- Gaming Pixel Light (1 unit)
- Desktop Stand (1 unit)
- Wall Mount Bracket (1 unit)
- Power Adapter (1 unit)
- User Manual (1 unit)
- Screws (for wall mounting)

3. SETUP GUIDE

Follow these steps to set up your Govee Gaming Pixel Light.

3.1 Physical Installation

Choose between desktop placement or wall mounting based on your preference.

- **Desktop Setup:** Attach the provided Desktop Stand to the back of the Gaming Pixel Light. Ensure it is securely fastened. Place the device on a stable, flat surface.
- **Wall Mounting:** Use the Wall Mount Bracket and included screws to securely attach the device to a wall. Refer to the detailed instructions in the included User Manual PDF for proper wall mounting procedures.

Figure 3.1: The Govee Gaming Pixel Light with its desktop stand and wall mount bracket options.

3.2 Power Connection

Connect the power adapter to the Gaming Pixel Light and plug it into a standard electrical outlet. The device

will power on automatically.

3.3 App Download and Wi-Fi Connection

To unlock the full features of your Gaming Pixel Light, download the Govee Home App and connect the device to your 2.4GHz Wi-Fi network (Bluetooth is not supported).

1. Download the **Govee Home App** from the App Store (iOS) or Google Play Store (Android).
2. Open the app and create an account or log in.
3. Tap the '+' icon in the top right corner to add a new device.
4. Search for 'H6631' or 'Gaming Pixel Light' and follow the in-app instructions to connect to your Wi-Fi network.

Video 3.1: Official Govee guide on how to install the Govee Gaming Pixel Light.

4. OPERATING INSTRUCTIONS

Explore the various functionalities of your Govee Gaming Pixel Light through the Govee Home App and smart voice assistants.

4.1 Pixel Art Display and Scene Modes

The device features an impressive 52x32 pixel resolution, ensuring clear and vibrant visuals. It comes with over 150 preset scene modes, ranging from dynamic pixel art to animated GIFs, suitable for any mood or occasion.

- Navigate to the 'Scene' tab in the Govee Home App to browse and select from the extensive library of pre-designed effects.
- The display offers smooth 30 frames per second (fps) animations for a fluid visual experience.

Figure 4.1: The Govee Gaming Pixel Light displaying real-time information such as time, weather, and game scores, along with various pixel art designs.

Figure 4.2: The display's capability for ultra-smooth 30fps animations, as shown with a pixel art spaceship.

4.2 Real-time Information Display

The Gaming Pixel Light can provide live updates for various data points, including time, weather, stock prices, and game scores. Ensure your device's firmware is updated to unlock all available features, such as DIY clock faces.

4.3 Creative Freedom: DIY Options

Unleash your creativity by uploading your own GIFs or photos to the display. The Govee Home App provides advanced editing tools, including multi-layer animations, pixel effects, and AI-generated art, allowing for instant customization.

- Access the 'DIY' section in the app to create custom designs.
- Utilize the AI-generated art feature by providing prompts to the AI Bot within the app.

Figure 4.3: The Govee Home App's interface for Pro-Grade Pixel Crafting, demonstrating multi-layer design capabilities.

Figure 4.4: The AI-Generated Pixel Art feature within the Govee Home App, allowing users to create unique designs.

4.4 Retro Speaker & Music Sync

The built-in 8-bit speaker provides nostalgic sound effects and audio alerts. It also supports music synchronization, allowing the light display to dance to the beat of your audio. You can add music from your own library (under 10MB) or use the 10 built-in music modes.

- Access 'Music' modes in the Govee Home App.
- For optimal music sync, ensure the device is placed near your audio source.

Figure 4.5: The Govee Gaming Pixel Light showcasing its dynamic music modes, where the pixel display reacts to audio beats.

4.5 Smart Control (Wi-Fi Only)

Control your Gaming Pixel Light using voice commands via Alexa or Google Assistant, or directly through the Govee Home App. The device also supports DreamView synchronization with other Govee products via an HDMI 2.1 sync box for an immersive lighting experience.

Video 4.1: An overview of the Govee Gaming Pixel Light, highlighting its features and ideal use in a game room setting.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Govee Gaming Pixel Light, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the display and exterior surfaces with a soft, dry, lint-free cloth. Avoid using abrasive cleaners, solvents, or spray cleaners directly on the device.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.
- **Placement:** Ensure the device is placed in a well-ventilated area, away from direct sunlight, excessive heat, or moisture.

6. TROUBLESHOOTING

If you encounter issues with your Govee Gaming Pixel Light, refer to the following common troubleshooting tips:

- **Device Not Connecting to Wi-Fi:**

    - Ensure your Wi-Fi network is 2.4GHz. The device does not support 5GHz networks.
    - Check your Wi-Fi password for accuracy.
    - Move the device closer to your Wi-Fi router.
    - Restart your router and the Gaming Pixel Light.

- **Display Issues (e.g., flickering, incorrect colors):**

    - Ensure the power adapter is securely connected.
    - Check for firmware updates in the Govee Home App. Updates can resolve many software-related issues.
    - Try resetting the device (refer to the full user manual for specific reset instructions).

- **Voice Control Not Working:**

    - Verify that the Gaming Pixel Light is properly linked to your Alexa or Google Assistant account in their respective apps.
    - Ensure your voice assistant device is online and functioning correctly.
    - Check your Wi-Fi connection for stability.

- **Firmware Update Issues:**

    - If a firmware update fails or gets stuck, ensure a stable Wi-Fi connection and sufficient power. Wait 10-20 minutes after connecting to Wi-Fi for the device to prepare for updates, then restart the device and try again.

For further assistance, please contact Govee Customer Support.

7. SPECIFICATIONS

Feature	Detail
Brand	Govee
Model Name	H6631

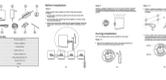| Feature	Detail
Product Dimensions	10.47 x 7.09 x 1.38 inches
Item Weight	1.54 pounds
Connectivity Technology	Wi-Fi Only (2.4GHz)
Resolution	52x32 Pixels
Voltage	12 Volts
Power Source	Corded Electric
Special Features	Timer, Color Changing, Real-time Info Display, Music Sync
Included Components	Gaming Pixel Light, Desktop Stand, Wall Mount Bracket, Power Adapter, User Manual, Screws
Country of Origin	China

8. WARRANTY AND SUPPORT

Govee products come with a limited warranty. For detailed warranty information, product support, or to report any issues, please visit the official Govee website or contact Govee Customer Support directly. Keep your purchase receipt for warranty claims.

Govee US Customer Service: Visit Govee Store on Amazon

Related Documents - H6631

Govee User Manual Model: H6630 Govee Gaming Pixel Light	**Govee H6630 Gaming Pixel Light User Manual** User manual for the Govee H6630 Gaming Pixel Light, detailing setup, operation, troubleshooting, and specifications. This RGBIC LED panel offers customizable lighting effects for gaming environments and smart home integration.

	Govee Glide Hexa Light Panels H6061 Quick Start Guide Quick start guide for Govee Glide Hexa Light Panels (H6061), covering installation, app setup, and basic operation of these smart RGBIC LED wall lights.
Govee **User Manual** Model: H6069A Govee Mini Panel Lights	**Govee Mini Panel Lights H6069A User Manual** Comprehensive user manual for the Govee Mini Panel Lights (Model H6069A), covering safety instructions, setup, features, troubleshooting, and specifications for this RGBIC smart lighting system.
Govee **User Manual** Model: H6047 Govee RGBIC Gaming Light bars	**Govee H6047 RGBIC Gaming Light Bars User Manual** User manual for the Govee H6047 RGBIC Gaming Light Bars, detailing setup, features, specifications, and troubleshooting for this 16.7-inch smart ambient lighting solution designed for gamers.
	Govee RGBIC Wall Sconces Quick Start Guide A quick start guide for Govee RGBIC Wall Sconces, detailing installation steps, components, and usage.
Govee **User Manual** Model: H6631 Govee Gaming Pixel Light	**Govee Gaming Pixel Light User Manual H6631** Comprehensive user manual for the Govee Gaming Pixel Light, Model H6631. This guide covers essential safety instructions, product features, package contents, detailed installation steps for desktop and wall mounting, pairing with the Govee Home App, voice control setup, technical specifications, and troubleshooting tips. Learn how to optimize your Govee Gaming Pixel Light for an immersive lighting experience.