

Lytmi LDD21

# Lytmi Fantasy 3 TV Backlight Kit User Manual

Brand: Lytmi | Model: LDD21

## 1. PRODUCT OVERVIEW

The Lytmi Fantasy 3 TV Backlight Kit enhances your viewing experience by synchronizing ambient lighting with your screen content. It features an HDMI 2.1 sync box supporting high resolutions and a high-density LED strip for vibrant, accurate color reproduction.



Image: The Lytmi Fantasy 3 TV Backlight Kit providing immersive ambient lighting during a gaming session.

## Package Contents

Verify that all components are present in your package:

- Neo 3 Sync Box
- LED Light Strip
- HDMI Cable
- AC Power Adapter
- Fixing Clips
- User Manual (this document)



Image: Contents of the Lytmi Fantasy 3 TV Backlight Kit package.

## 2. SETUP GUIDE

### 2.1 App Installation and Initial Setup

Before connecting the hardware, download and set up the Lytmi Home App on your mobile device.

1. Search for "Lytmi Home" in your device's app store and install it.

2. Ensure your mobile device's Wi-Fi, Bluetooth, and location services are enabled.
3. Open the Lytmi Home App and follow the on-screen prompts to create an account or log in.

## 2.2 Hardware Connection

Follow these steps to connect the components:

1. **Prepare the TV Surface:** Clean the back of your TV thoroughly to ensure proper adhesion of the LED strip.
2. **Attach the LED Strip:** Carefully peel the adhesive backing from the LED strip and firmly press it along the edges of the back of your TV. Use the provided fixing clips for additional security, especially around corners. Ensure the strip is positioned correctly for full corner mapping.
3. **Connect LED Strip to Sync Box:** Plug the LED strip connector into the designated "LED STRIP" port on the Neo 3 Sync Box.
4. **Connect Power:** Plug the AC power adapter into the "POWER" port on the sync box, then into a wall outlet.
5. **Connect to TV:** Use an HDMI cable to connect the "TV" output port on the sync box to an HDMI input port on your television.
6. **Connect Input Devices:** Connect your HDMI source devices (e.g., gaming console, streaming box, PC) to the HDMI 1-4 input ports on the sync box. The sync box supports HDMI 2.1 for high-resolution pass-through.



# Four Ports Support HDMI 2.1

More HDMI ports to expand your entertainment



Image: Connection diagram for the Lytmi Fantasy 3 TV Backlight Kit.

## 2.3 Device Pairing and Verification

After physical connections, pair the sync box with the app and verify functionality.

1. Open the Lytmi Home App. The app should automatically detect the Neo 3 Sync Box. If not, tap "Add Device" and select "Neo 3".
2. Follow the app's instructions to complete the pairing process, including connecting to your Wi-Fi network.
3. **Check LED Strip:** Use the app to change the LED strip color (e.g., to blue or red) to confirm it is functioning

correctly.

4. **Check Sync Box:** Verify that the image and sound from your connected HDMI devices are correctly displayed on your TV through the sync box.

Your browser does not support the video tag.

Video: Official Lytmi Fantasy 3 Backlight Kit Installation Guide, demonstrating unboxing, app setup, hardware connections, and initial checks.

## 3. OPERATING MODES

The Lytmi Fantasy 3 TV Backlight Kit offers several operating modes to customize your lighting experience.

### 3.1 Sync Mode

In Sync Mode, the LED backlight dynamically matches the colors displayed on your TV screen in real-time. This creates an immersive visual extension of your content.

- Supports 8K 60Hz and 4K 120Hz for ultra-immersive viewing, ideal for gaming and high-resolution video.
- Features an accurate lighting algorithm that picks and combines colors to sync precisely, even with fast-paced content.
- Full Corners Mapping ensures all four corners of your TV are color-matched for a perfectly synchronized visual experience.



# Smart & Accurate Sync

Lytmi algorithm for accurately sync in real time



Image: Smart and Accurate Sync in action, providing real-time color matching.

## 3.2 Music Mode

Music Mode allows the LED lights to react to audio, creating a dynamic light show that pulsates and changes with the rhythm and intensity of your music.

## 3.3 Scene Mode

Choose from a variety of pre-set lighting scenes or customize your own to create specific moods and atmospheres in your room, independent of screen content.

### 3.4 Control Methods

The Lytmi Fantasy 3 TV Backlight Kit can be controlled via:

- **Lytmi Home App:** Provides comprehensive control over modes, colors, brightness, and custom scenes.
- **Voice Control:** Compatible with Alexa and Google Assistant for hands-free operation.

## 4. MAINTENANCE

To ensure the longevity and optimal performance of your Lytmi Fantasy 3 TV Backlight Kit, follow these general maintenance guidelines:

- **Cleaning:** Regularly wipe the LED strip and sync box with a dry, soft cloth to remove dust. Avoid using liquid cleaners directly on the components.
- **Cable Management:** Ensure all cables are neatly organized and not under strain to prevent damage.
- **Environmental Conditions:** Operate the device within recommended temperature and humidity ranges. Avoid exposing it to extreme heat, cold, or moisture.

## 5. TROUBLESHOOTING

If you encounter issues with your Lytmi Fantasy 3 TV Backlight Kit, consider the following basic troubleshooting steps:

- **No Power/Lights Off:** Check all power connections. Ensure the power adapter is securely plugged into the sync box and the wall outlet.
- **Lights Not Syncing:** Verify that your HDMI source device is connected to an input port on the sync box and that the sync box is correctly connected to your TV's HDMI input. Ensure Sync Mode is activated in the Lytmi Home App.
- **Incorrect Colors/Dim Lights:** Check the LED strip installation for any kinks or damage. Ensure the strip is clean. Adjust brightness and color settings in the Lytmi Home App.
- **App Connectivity Issues:** Ensure your mobile device's Wi-Fi, Bluetooth, and location services are active. Restart the Lytmi Home App or your mobile device. If issues persist, try re-pairing the device.
- **No Image/Sound from HDMI Device:** Confirm that the HDMI cables are securely connected. Try connecting the HDMI source directly to the TV to rule out cable or source issues.

For more complex issues or persistent problems, please refer to the support section.

## 6. SPECIFICATIONS

Feature	Detail
Brand	Lytmi



Model Number	LDD21
Color	RGB (Red, Green, Blue)
Light Source Type	LED
Power Source	DC
Voltage	12 Volts (DC)
Wattage	36 watts
Connectivity	Wi-Fi, Bluetooth
Control Method	App, Voice Control (Alexa, Google Assistant)
HDMI Support	HDMI 2.1 (8K@60Hz, 4K@120Hz)
LED Density	72 LEDs per meter (252 Built-in LEDs total for 55-60 inch TV)
Material	Polyvinyl Chloride
Item Weight	1.98 pounds
UPC	714955976449

## 7. WARRANTY AND SUPPORT

### 7.1 Warranty Information

The manufacturer's warranty for this product is not specified in the provided information. Please refer to your purchase documentation or contact Lytmi customer support for detailed warranty terms.


### 7.2 Customer Support






If you have any questions, require technical assistance, or need to report an issue, please contact Lytmi customer support:

- **Email:** [support@lytmi.co](mailto:support@lytmi.co)

Lytmi provides 24/7 customer service and aims to provide a satisfactory solution as quickly as possible.

## Related Documents - LDD21

	<p><a href="#">Lytmi Fantasy TV Backlight Kit LDD21 User Manual and Specifications</a></p> <p>Comprehensive user manual for the Lytmi Fantasy TV Backlight Kit (Model LDD21), detailing features, installation, operation, and troubleshooting. Enhance your TV viewing experience with smart, customizable LED lighting.</p>
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	<p><a href="#">Lytmi Fantasy 3 TV Backlight Kit HSA30R User Manual</a></p> <p>Comprehensive user manual for the Lytmi Fantasy 3 TV Backlight Kit (HSA30R), detailing installation, features, setup, control options via the Lytmi Home App and voice assistants, specifications, and troubleshooting for an immersive lighting experience.</p>
	<p><a href="#">Lytmi HDMI 2.0 Sync Stick TV Backlight Kit User Manual</a></p> <p>User manual for the Lytmi HDMI 2.0 Sync Stick TV Backlight Kit, detailing installation, setup, features, specifications, and troubleshooting for immersive TV lighting.</p>
	<p><a href="#">Lytmi HSA1SR HDMI 2.0 Sync Sticker User Manual for Dynamic LED Backlighting</a></p> <p>Comprehensive user manual for the Lytmi HSA1SR HDMI 2.0 Sync Sticker. Learn how to install, set up, and control dynamic LED backlighting for your TV, enhancing your viewing experience with features like 4K@60Hz support, Dolby Vision, HDR10+, and app control.</p>
	<p><a href="#">How to Connect Lytmi NEO Device to Google Assistant</a></p> <p>Step-by-step guide to integrate your Lytmi NEO smart device with Google Assistant using the Lytmi and Google Home apps for seamless voice control.</p>
	<p><a href="#">Lytmi CozyFit Open-Ear Headphones User Manual</a></p> <p>User manual for the Lytmi CozyFit open-ear headphones, covering product overview, wearing instructions, power on/pairing, power off, charging, touch controls, reset procedure, specifications, and customer service information.</p>