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Lytmi LDD21

Lytmi Fantasy 3 TV Backlight Kit User Manual

Model: LDD21

PRODUCT OVERVIEW

The Lytmi Fantasy 3 TV Backlight Kit with HDMI 2.1 Sync Box is designed to enhance your viewing experience by synchronizing ambient lighting with your screen content. It supports high resolutions up to 8K 60Hz and 4K 120Hz, making it ideal for gaming and high-definition media. The kit features a high-density LED strip and multiple HDMI 2.1 inputs for versatile connectivity.



Figure 1: Lytmi Fantasy 3 TV Backlight Kit enhancing a gaming experience.

PACKAGE CONTENTS

Verify that all components are present in the package:

- Lytmi Fantasy 3 Sync Box
- LED Light Strip (for 65-70 inch TVs)
- HDMI Cables
- Power Adapter
- Mounting Clips/Adhesives
- User Manual (this document)



Figure 2: Included components: Sync Box, LED strip, HDMI cables, power adapter, and mounting accessories.

SETUP INSTRUCTIONS

1. **Prepare Your TV:** Ensure your TV is clean and dry on the back surface where the LED strip will be applied.
2. **Attach LED Strip:** Carefully peel the adhesive backing from the LED strip and attach it to the back of your TV, following the perimeter. Ensure the strip is positioned correctly for full corner mapping.

Full Corners Mapping

All 4 corners of your screen are color matched



Missing Corners



Full Corners Mapping



Missing Bottom Strip



Figure 3: Proper placement of the LED strip for full corner mapping.

3. **Connect LED Strip to Sync Box:** Plug the LED strip's connector into the designated port on the Lytmi Sync Box.
4. **Connect HDMI Devices:** Connect your HDMI source devices (e.g., gaming console, TV box, PC) to the HDMI IN ports (HDMI 1-4) on the Sync Box.

Four Ports Support HDMI 2.1

More HDMI ports to expand your entertainment



Figure 4: Connecting various HDMI devices to the Sync Box.

5. **Connect Sync Box to TV:** Connect an HDMI cable from the Sync Box's HDMI OUT (TV) port to an HDMI IN port on your television.
6. **Power On:** Connect the power adapter to the Sync Box and plug it into a power outlet. The Sync Box will power on.
7. **Download Lytmi App:** Download the Lytmi Home App from your smartphone's app store. Follow the in-app instructions to pair your Sync Box via Wi-Fi.

OPERATING INSTRUCTIONS

Screen Synchronization

The Lytmi Fantasy 3 uses an advanced algorithm to accurately synchronize the backlight colors with the content displayed on your TV screen. This provides an immersive viewing experience, especially for high-performance gaming and fast-paced movies.



Figure 5: The system provides smart and accurate real-time color synchronization.

App Control

Use the Lytmi Home App to control various aspects of your backlight kit, including:

- Turning the lights on/off
- Adjusting brightness
- Changing colors and light effects
- Switching between screen sync mode, music mode, and ambient lighting scenes.

Voice Control

The Lytmi Fantasy 3 is compatible with popular voice assistants such as Alexa and Google Assistant. Once integrated, you can use voice commands for basic functions like turning the lights on/off or changing colors.

MAINTENANCE

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

- **Cleaning:** Gently wipe the Sync Box and LED strip with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Cable Management:** Ensure all cables are neatly organized and not under strain to prevent damage.
- **Ventilation:** Ensure the Sync Box has adequate ventilation and is not covered, to prevent overheating.

TROUBLESHOOTING

If you encounter issues with your Lytmi Fantasy 3 TV Backlight Kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights not turning on or syncing.	Loose connections, power issue, app not connected.	Check all cable connections (HDMI, power, LED strip). Ensure the Sync Box is powered. Verify app connection and settings.
Inaccurate color synchronization.	Incorrect LED strip placement, calibration needed.	Ensure the LED strip is correctly installed for full corner mapping. Use the Lytmi app to recalibrate the color detection if available.
Lights dim drastically in certain modes.	Software setting, potential hardware issue.	Check brightness settings in the Lytmi app. If the issue persists, contact customer support.
HDMI input switching issues.	HDMI cable quality, device compatibility.	Ensure you are using high-quality HDMI 2.1 cables. Try manually switching inputs via the Sync Box button or app. Some TV models may have compatibility nuances (e.g., Dolby Vision with LG TVs).

SPECIFICATIONS

Feature	Detail
Model	LDD21
Color	RGB (Red, Green, Blue)

Feature	Detail
Indoor/Outdoor Usage	Indoor
Special Feature	Sync Screen/Music
Light Source Type	LED
Power Source	DC
Light Color	Multicolor
Theme	Tv
Occasion	indoor ambiance
Style	Modern
Material	Polyvinyl Chloride
Controller Type	App Control, Voice Control
Connectivity Protocol	Bluetooth, Wi-Fi
Connectivity Technology	Wi-Fi
Number of Light Sources	72
Voltage	12 Volts (DC)
Wattage	36 watts
Included Components	Hub
Item Weight	2.1 Pounds
Number of Items	1
Control Method	App
Water Resistance Level	Not Water Resistant
Wireless Communication Technology	Wi-Fi
Size	For 65-70 Inch TV(Uncroppable)



Model: LDD21-65EU	FCC ID:2A9X9-LPA10R
Input Voltage:DC 5V	Rated voltage (V):100-240V~
Input Current:2A(Max.)	Rated Power (W):48W
Manufacturer:Willsea Limited	
Address:1730 W Cameron AveSuite 200,West Covina, CA 91790	
EC REP:eVatmaster consulting GmbH, Bettinastr. 30,60325 Frankfurt am Main,Germany	
 WARNING: This bag is not a toy. To avoid danger of suffocation, keep this plastic bag away from babies and children. Do not use this bag in cribs, beds, carriages or play pens.	 WARNING: This device complies with part 15 of FCC Rules.Operation is subject to the following two conditions:(1) this device may not cause harmful interference and (2) including interference that may cause undesired operation.

Figure 6: Electrical specifications and compliance details for the LDD21-65EU model.

WARRANTY AND SUPPORT

Warranty Information

The product's warranty description states: **No**. Please refer to your purchase documentation or retailer for any specific return or exchange policies.

Customer Support

For any questions or assistance regarding your Lytmi product, please contact customer support:

Email: support@lytmi.co

Lytmi provides 24/7 customer service to assist you.

