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Fancy LEDs FSB1P2.1

Fancyleds HDMI 2.1 Fancy Sync Box User Manual

Model: FSB1P2.1

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Fancyleds HDMI 2.1 Fancy Sync Box. This device is designed to synchronize ambient lighting with the content displayed on your television, enhancing your viewing experience. It supports advanced video specifications including 4K 120Hz, 8K 60Hz, HDR, DV, ARC, ALLM, and VRR capabilities.

Important Note: The Fancy Sync Box requires a compatible HDMI device for content syncing. Applications running directly on your Smart TV will not be synchronized. Only content from external HDMI sources (e.g., streaming devices, gaming consoles) can be synced. Use with a PC is not recommended.

2. SAFETY INFORMATION

- Ensure the power adapter is connected to a suitable power outlet.
- Do not expose the device to water or excessive moisture.
- Avoid placing the device near heat sources or in direct sunlight.
- Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.
- Keep the device and its components out of reach of children.
- Use only the provided power adapter and cables.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- Fancyleds HDMI 2.1 Fancy Sync Box (Model FSB1P2.1)
- RGBW LED Strip (for 55" to 65" TVs)
- Universal Power Adapter with interchangeable plugs (US, EU, AU, UK)
- HDMI Cable

- LED Strip Corner Connectors
- User Manual (this document)



Image 3.1: Contents of the FancyLEDs HDMI 2.1 Fancy Sync Box package, including the sync box, LED strip, power adapter with various plugs, HDMI cable, and corner connectors.

4. PRODUCT OVERVIEW

4.1. Fancy Sync Box



Image 4.1: Top view of the Fancyleds HDMI 2.1 Fancy Sync Box, showing the Fancyleds logo and indicator lights.



Image 4.2: Rear view of the Fancyleds HDMI 2.1 Fancy Sync Box, illustrating the HDMI Input, HDMI Output, LED Strip port, and DC power input.

The Fancy Sync Box is the central unit that processes video signals and controls the LED lighting. It features:

- **HDMI Input:** Connect your external HDMI source (e.g., game console, streaming stick).
- **HDMI Output:** Connect to your TV's HDMI input.
- **LED Strip Port:** Connects to the included RGBW LED strip.
- **DC Power Input:** For connecting the power adapter.
- **Indicator Lights:** Provide status information (e.g., power, HDMI signal, Wi-Fi).

4.2. RGBW LED Strip



Image 4.3: The RGBW LED strip provided, coiled on a reel, ready for installation.

The included RGBW LED strip features dedicated white diodes for enhanced white tones, providing accurate and vibrant color reproduction. It is designed for TVs ranging from 55" to 65".

4.3. Universal Power Adapter

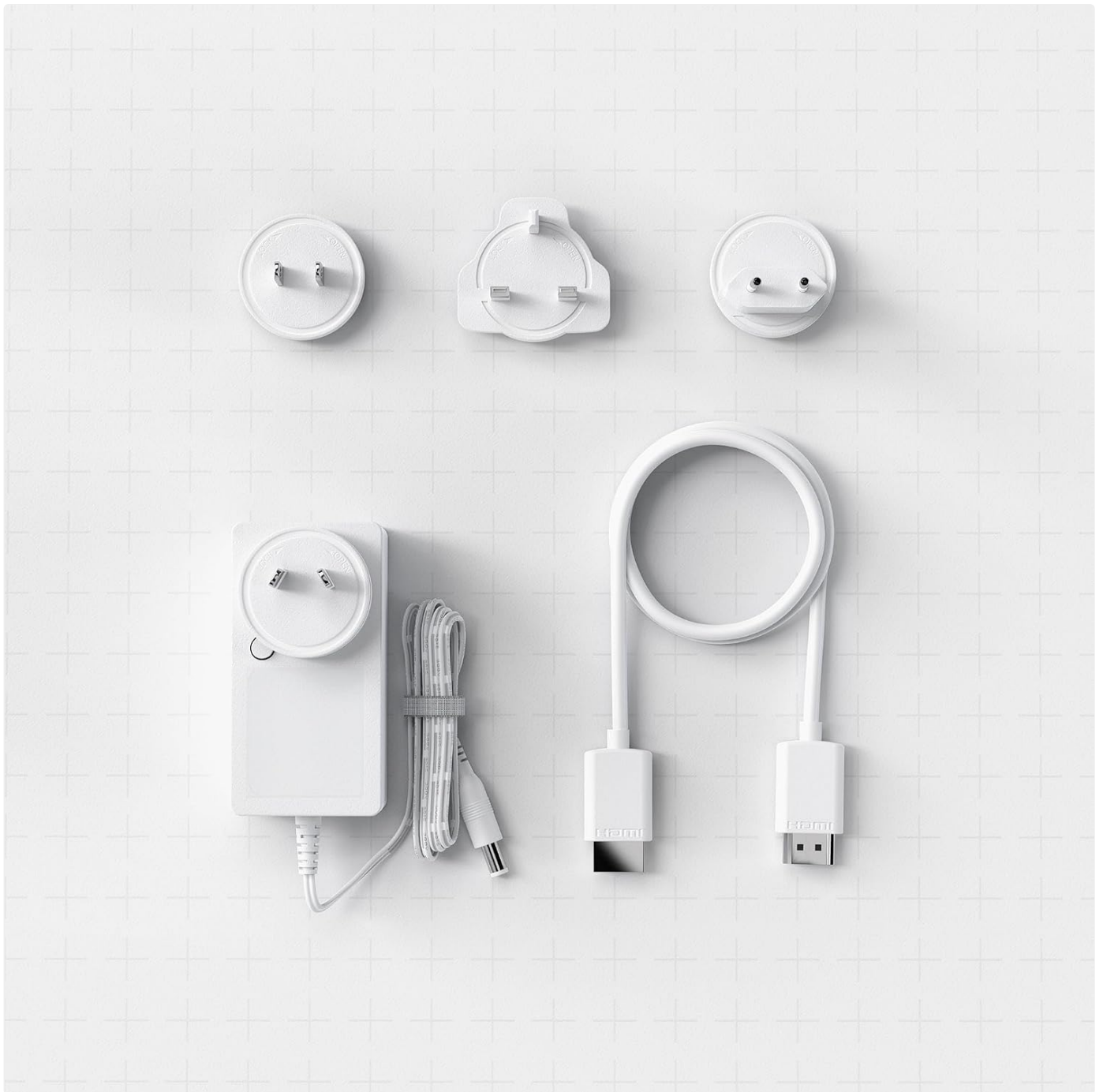


Image 4.4: The universal power adapter with various interchangeable plugs (US, EU, AU, UK) and an HDMI cable.

The universal power adapter comes with interchangeable plugs to ensure compatibility with various power sockets worldwide (US, EU, AU, UK).

5. SETUP

Follow these steps to set up your Fancyleds HDMI 2.1 Fancy Sync Box:

1. **Prepare your TV:** Ensure your TV is turned off and unplugged from the power outlet.
2. **Attach LED Strip:**
 - Clean the back of your TV thoroughly to ensure proper adhesion of the LED strip.
 - Carefully peel the adhesive backing from the LED strip and attach it to the back perimeter of your TV. Start from the bottom center or a designated corner.
 - Use the provided corner connectors to make neat turns at each corner of the TV.
 - Ensure the LED strip is securely attached and the end connector is accessible for the sync box.

3. **Connect LED Strip to Sync Box:** Plug the end of the LED strip into the "LED Strip" port on the Fancy Sync Box.
4. **Connect HDMI Devices:**
 - Connect your external HDMI source (e.g., streaming device, game console) to the "HDMI Input" port on the Fancy Sync Box using an HDMI cable.
 - Connect the "HDMI Output" port of the Fancy Sync Box to an available HDMI input on your TV using another HDMI cable.
5. **Connect Power:**
 - Select the appropriate plug for your region and attach it to the universal power adapter.
 - Plug the power adapter into the "DC Power Input" port on the Fancy Sync Box.
 - Plug the power adapter into a wall outlet.
6. **Power On:** Turn on your TV and the Fancy Sync Box. The indicator lights on the sync box should illuminate.
7. **App Configuration:** Download the Fancyleds app on your smartphone or tablet. Follow the in-app instructions to connect the Sync Box to your Wi-Fi network and calibrate the lighting.



Image 5.1: An example setup showing a television with the Fancyleds ambient lighting system active, creating an immersive viewing environment.

6. OPERATING INSTRUCTIONS

6.1. Basic Operation

- Once connected and configured via the app, the Fancy Sync Box will automatically detect the HDMI signal and begin synchronizing the LED lights with your TV's content.
- Ensure your TV input is set to the HDMI port where the Sync Box is connected.

6.2. Using the Fancyleds App

The Fancyleds app provides comprehensive control over your Sync Box and LED lights:

- **Color Calibration:** Adjust the color accuracy to match your TV's display.
- **Brightness Control:** Set the desired brightness level for the ambient lighting.
- **Lighting Modes:** Select from various preset lighting modes or create custom effects.
- **On/Off Scheduling:** Schedule the lights to turn on or off at specific times.

- **Firmware Updates:** Receive notifications and install updates for improved performance and new features.

Refer to the in-app help section for detailed instructions on specific features.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the Sync Box and LED strip. Do not use liquid cleaners or abrasive materials.
- **Cable Management:** Ensure all cables are neatly organized and not under tension to prevent damage.
- **Software Updates:** Regularly check the Fancyleds app for firmware updates to ensure optimal performance and compatibility.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No lights or incorrect colors	Loose LED strip connection Incorrect app calibration Power issue	Ensure the LED strip is securely plugged into the Sync Box. Recalibrate colors using the Fancyleds app. Check power connections and ensure the Sync Box is receiving power.
No HDMI signal to TV	Loose HDMI cables Incorrect TV input selection Incompatible HDMI source	Verify all HDMI cables are securely connected. Select the correct HDMI input on your TV. Ensure your HDMI source is compatible with the Sync Box (refer to FancyLEDs website for compatibility).
Lights not syncing with TV content	Content from Smart TV apps Sync Box not receiving HDMI signal	Remember, only content from external HDMI devices connected to the Sync Box will sync. Smart TV apps are not supported. Ensure your HDMI source is active and connected to the Sync Box's HDMI Input.
Wi-Fi connection issues	Incorrect Wi-Fi password Sync Box too far from router Router settings	Double-check your Wi-Fi password in the app. Move the Sync Box closer to your Wi-Fi router or consider a Wi-Fi extender. Ensure your router is broadcasting a 2.4GHz network (5GHz may not be supported by the device).

If you encounter issues not listed here, please visit the [Fancyleds website](#) or contact customer support for assistance.

9. SPECIFICATIONS

Feature	Detail
Model Number	FSB1P2.1

Feature	Detail
Product Dimensions	6.6 x 4.1 x 9.1 inches
Item Weight	1.68 pounds
HDMI Version	HDMI 2.1
Supported Resolutions	4K 120Hz, 8K 60Hz
Supported Technologies	HDR, DV (Dolby Vision), ARC, ALLM, VRR, HDCP 2.3
Connectivity	Bluetooth, Wi-Fi
Controller Type	App Control
Compatible TV Sizes	55" to 65"
Manufacturer	Fancyleds

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Fancyleds website or contact their customer service directly. Details regarding product registration, troubleshooting guides, and frequently asked questions can be found on their support pages.

Online Support: Visit the [Fancyleds Store on Amazon](#) for additional resources and contact information.