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› MITSUKO AmbiMotion 2.0 TV Sync LED Backlight Kit User Manual (Up to 65 Inch TVs)

MITSUKO AmbiMotion 2.0

MITSUKO AmbiMotion 2.0 TV Sync LED Backlight Kit User Manual

Model: AmbiMotion 2.0 | For TVs up to 65 Inches

INTRODUCTION

The MITSUKO AmbiMotion 2.0 TV Sync LED Backlight Kit enhances your viewing experience by dynamically synchronizing LED lighting with the colors displayed on your TV screen. This system includes an HDMI 2.0 Sync Box and an RGBIC+W LED strip, supporting 4K 60Hz content for movies, gaming, and music. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your AmbiMotion 2.0 system.



Image: The AmbiMotion 2.0 LED backlight kit creating an immersive viewing environment behind a television.

WHAT'S IN THE BOX

Please verify that all components are present in the package:

- HDMI 2.0 Sync Box x1
- Strip Lights x1 (RGBIC+W, 30 LEDs/meter)
- Power Adapter x1
- HDMI 2.0 Cable x1

IMPORTANT SAFETY INFORMATION

- Ensure the power adapter is connected to a suitable power outlet.
- Do not expose the sync box or LED strips to water or excessive moisture, unless specified for outdoor use (this product is for indoor use).
- Avoid bending the LED strip at sharp angles to prevent damage to the circuit.
- Keep out of reach of children.

- Disconnect power before cleaning or maintenance.

SETUP INSTRUCTIONS

The AmbiMotion 2.0 system requires an external HDMI device for light synchronization. It does not sync with applications running directly on a Smart TV.

1. LED Strip Installation

1. Clean the back surface of your TV thoroughly to ensure proper adhesion of the LED strip.
2. Carefully peel off the adhesive backing from the LED strip.
3. Attach the LED strip to the back of your TV, ensuring it is positioned evenly around the edges. The strip is designed for TVs up to 65 inches.
4. Connect the LED strip to the designated port on the HDMI Sync Box.

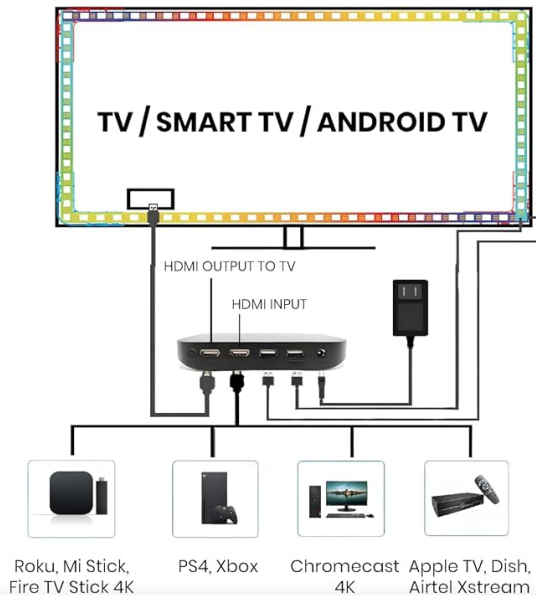
2. HDMI Sync Box Connection

1. Connect your HDMI source device (e.g., Firestick, set-top box, gaming console, Apple TV, Chromecast) to the **HDMI Input** port on the AmbiMotion 2.0 Sync Box using the provided HDMI 2.0 cable.
2. Connect the **HDMI Output** port of the Sync Box to an HDMI input port on your TV using another HDMI 2.0 cable.
3. Connect the power adapter to the Sync Box and plug it into a power outlet.

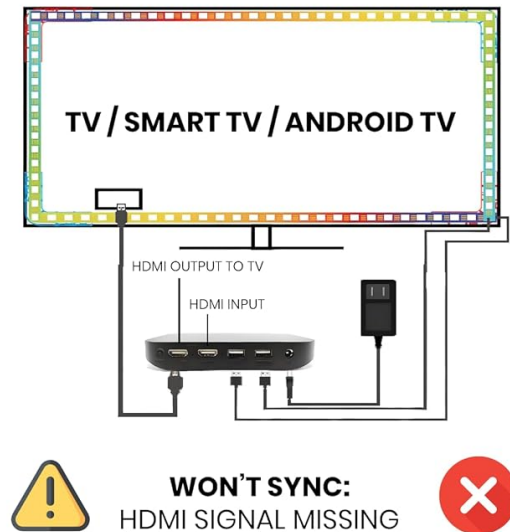
WANT THE LIGHTS TO SYNC WITH YOUR TV? HERE'S WHAT YOU NEED!

Mitsuko syncs only via HDMI devices – **NOT VIA APPS ON SMART TVS!**

THE CORRECT SETUP



THE WRONG SETUP



IMPORTANT NOTE

LIGHTS SYNC ONLY WITH APPS ON YOUR HDMI DEVICE (LIKE FIRE TV OR CONSOLE), NOT WITH APPS ON YOUR SMART/ANDROID TV.

Image: Correct and incorrect setup diagrams for the AmbiMotion 2.0 system, emphasizing the need for an external HDMI source.

Important Note: Lights sync only with content from apps on your HDMI device (like Fire TV or game console), not with apps on your Smart/Android TV directly. Ensure your HDMI device is connected through the sync box.

For any doubts
Call - 9354913946



**Requires HDMI device –
does not work directly with
Smart TV apps.**

Image: Connection diagram showing the required HDMI device connection and a reminder about Smart TV app limitations.

OPERATING INSTRUCTIONS

Once the AmbiMotion 2.0 system is set up, you can control it via the dedicated mobile application or physical buttons on the sync box.

1. Power On/Off

Press the power button on the Sync Box or use the app to turn the lights on or off.

2. Sync Modes

The AmbiMotion 2.0 offers various synchronization modes for an immersive experience:

- **Movie Mode:** Optimizes lighting effects for cinematic content.
- **Gaming Mode:** Provides dynamic lighting for an enhanced gaming experience.
- **Music Mode:** Synchronizes lights with audio rhythms.

Select your desired mode via the mobile application. The system ensures no transition delay and high accuracy in color matching.

EASILY SET UP A HOME THEATRE

Zero latency sync with TV image,
high color accuracy.



Image: A home theater setup with AmbiMotion 2.0 lights, highlighting ease of setup and compatibility with various HDMI devices.

3. Fantasia Technology

The AmbiMotion 2.0 features Fantasia Technology, allowing you to link multiple color-changing MITSUKO lights to your Sync Box. This enables simultaneous synchronization of all connected lights with your on-screen content, creating a unified ambient lighting experience.



Image: An immersive gaming setup with the AmbiMotion 2.0 lights responding to on-screen action.

MAINTENANCE

To ensure the longevity and optimal performance of your AmbiMotion 2.0 system, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the LED strips and sync box with a dry, soft cloth. Do not use abrasive cleaners or solvents.

- **Adhesion:** If the LED strip begins to peel, re-secure it with appropriate adhesive tape designed for electronics.
- **Cable Management:** Ensure all cables are neatly organized and not under tension to prevent damage.

TROUBLESHOOTING

If you encounter issues with your AmbiMotion 2.0 system, refer to the following common problems and solutions:

- **Lights are not syncing with TV content:**
 - Ensure an external HDMI device (e.g., streaming stick, game console) is connected to the Sync Box's HDMI Input, and the Sync Box's HDMI Output is connected to your TV. The system does not sync with Smart TV's built-in apps.
 - Verify all HDMI cables are securely connected.
- **No sound output from soundbar/audio system:**
 - If your audio system is connected to your TV, ensure the TV's audio output settings are correctly configured to pass through audio from the HDMI input connected to the Sync Box. Some TVs or sound systems may require specific settings for HDMI ARC/eARC.
 - Try connecting your audio system directly to the HDMI source device if possible, or use an audio extractor before the Sync Box if your setup requires it.
- **Lights are not turning on:**
 - Check if the power adapter is securely connected to the Sync Box and a working power outlet.
 - Ensure the LED strip is properly connected to the Sync Box.
- **Inaccurate color matching:**
 - Ensure the LED strip is correctly installed around the TV edges.
 - Check for any obstructions between the TV screen and the LED strip that might affect color detection.

SPECIFICATIONS

Feature	Detail
Model Number	Ambimotion 2.0 Mini
Color	Multicolor (RGBIC+W)
LEDs per Meter	30
HDMI Version	2.0
Max Resolution Support	4K@60Hz, 1080p@240Hz, 2K@144Hz
HDR Support	HDR10+, Dolby Vision
Audio Support	Dolby Atmos
Control Method	App Control, Button Control
Connectivity	HDMI, Bluetooth
Water Resistance Level	Water Resistant (IP65 for strip)
Indoor/Outdoor Usage	Indoor

Feature	Detail
Item Weight	800 Grams

More Delicate Segmented Lighting Effects

RGB+W

IP65

30 Leds/M



Image: Detail of the RGB+W LED strip, highlighting its segmented lighting effects and specifications.

WARRANTY INFORMATION

MITSUKO provides a **1-Year Warranty** on all MITSUKO products, including the AmbiMotion 2.0 TV Sync LED Backlight Kit. This warranty covers manufacturing defects and ensures product reliability. Please retain your proof of purchase for warranty claims.



Image: Warranty and customer support information.

CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims regarding your MITSUKO AmbiMotion 2.0 TV Sync LED Backlight Kit, please contact our customer support team:

Email: support@mitsukoindia.com

Phone: 9354913946

Our team is available to provide satisfactory solutions as quickly as possible.