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DeckTok SC-AR-60D-12V

DeckTok TV LED Backlight 15.5ft Instruction Manual

Model: SC-AR-60D-12V

1. PRODUCT OVERVIEW

The DeckTok TV LED Backlight system enhances your viewing experience by synchronizing LED lighting with your TV screen's content. This 15.5ft RGB LED strip is designed for 55-100 inch TVs and features AR technology for accurate color matching, smart app control, and music synchronization.



Image: Overview of the DeckTok TV LED Backlight system, showing the LED strip, camera sensor, power adapter, and control box, with an example of the lights in action behind a TV.



Image: Key features of the DeckTok RGB LED TV Backlight, including RGB colors, control box, app control, IP64 waterproof rating, and AR

2. SETUP AND INSTALLATION

Follow these steps for quick and easy installation of your DeckTok TV LED Backlight system.

2.1 Package Contents

- 15.5ft RGB LED Light Strip
- AR Camera Sensor
- Control Box
- Power Adapter
- Adhesive Buckles
- User Manual

2.2 Installation Steps

1. **Prepare the TV Surface:** Wipe the back of your TV or computer screen to ensure it is clean and free from dust or moisture. This helps the adhesive stick properly.
2. **Attach the LED Strip:** Tear off the adhesive backing from the LED light strip. Carefully stick the strip along the edges of the back of your TV. Press firmly to secure it. Use the provided buckles to reinforce the corners and ensure a strong hold. The strip is cuttable, allowing for length adjustment if needed.
3. **Position the AR Camera Sensor:** Fix the AR camera sensor in the center of the top edge of your TV. Align it so that the sensor faces the screen area where it will pick up colors. Adjust the sensor's length according to your screen size. Use additional adhesive if necessary to prevent shaking.
4. **Connect Components:** Connect the LED light strip to the control box. Connect the power adapter to the control box and then plug it into a power outlet. Connect the color sensor cable to the control box. Position the control box in an appropriate, accessible location near the TV.
5. **Power On and App Connection:** Power on the light strip. Download and open the uLamp app on your smartphone. Follow the in-app instructions to connect to your DeckTok TV LED Backlight system.



Image: Visual guide showing the five steps for installing the TV LED backlight: cleaning the surface, attaching the strip, positioning the camera, connecting cables, and powering on with app connection.

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Video: A detailed demonstration of how to install the DeckTok TV LED Backlight system, including placement of the LED strip and camera sensor.

3. OPERATING INSTRUCTIONS

The DeckTok TV LED Backlight offers various modes and controls for a customized lighting experience.

3.1 Control Methods

- **uLamp App Control:** Use the dedicated smartphone application to access all features, including color adjustment, scene modes, music sync, and DIY customization.
- **Inline Controller:** A physical controller on the cable allows for basic functions such as power on/off and mode cycling.

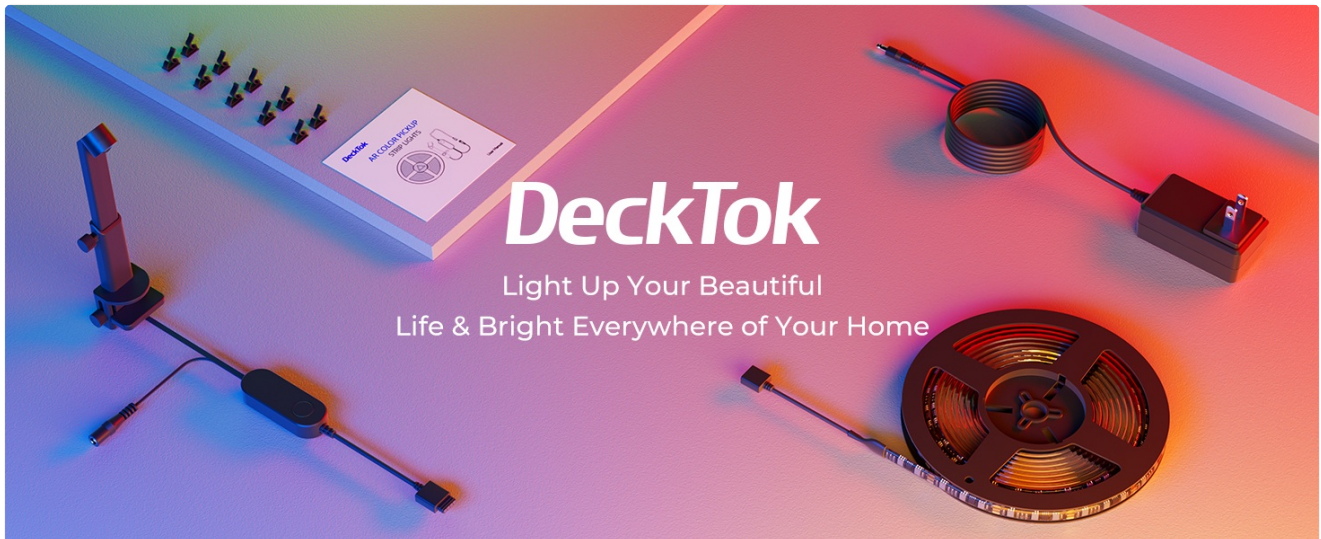


Image: Illustration showing the two control methods for the TV backlight: a smartphone app interface and a physical inline controller.

3.2 Key Features

- **Screen Synchronization (AR Technology):** The AR camera sensor captures screen colors in real-time, projecting matching ambient light behind your TV for an immersive visual experience.
- **Customizable RGB Lighting:** The LED strip features 60 LED beads per 3.28 feet, providing vibrant and accurate color reproduction. The thick drip-type design enhances light transparency.
- **Smart App Control:** The uLamp app allows you to modify device names, customize colors, enable/disable color sensing, adjust rhythm modes, activate music sync, set static colors, and control brightness and other functions.
- **Music Sync Mode:** Lights can change and pulse in rhythm with music, creating a dynamic atmosphere for entertainment.
- **Scene Modes:** Choose from a variety of pre-set scene modes or create your own custom lighting effects.

Smart App Control uLamp

Easily adjust all states of the light



Modify Device Name
Modify TV LIGHT for quick search



Customize Color



Sence
Color sensing: Turn on/off



SYNC ON/OFF



Rhythm
In rhythm mode, the lights change with the rhythm of the music



Music Mode



Static Color Settings
Customize the color or brightness for the whole or section



Adjustment Function



Turn on the Device



Image: Screenshot of the uLamp smart app interface, detailing options for modifying device name, customizing color, scene sensing, sync on/off, rhythm, music mode, static color settings, and adjustment functions.

Lights Dance in Sync with Music

Good to relax and have fun!



Image: A family enjoying TV with the DeckTok LED lights dancing in sync with music, illustrating the entertainment aspect of the product.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your DeckTok TV LED Backlight.

- **Cleaning:** Gently wipe the LED strip and camera sensor with a dry, soft cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Water Resistance:** The LED strip has an IP64 rating, meaning it is protected from dust and splashing water. However, it is not fully waterproof and should not be submerged.
- **Adhesive Check:** Periodically check the adhesive on the LED strip and camera sensor to ensure they remain securely attached to the TV. Reapply or reinforce with additional adhesive buckles if necessary.

- **Cable Management:** Ensure all cables are neatly routed and secured to prevent accidental damage or entanglement.

5. TROUBLESHOOTING

If you encounter issues with your DeckTok TV LED Backlight, refer to the following common problems and solutions.

- **Lights Not Turning On:**
 - Check if the power adapter is securely connected to the control box and a working power outlet.
 - Ensure all cable connections between the LED strip, control box, and power adapter are firm.
 - Verify that the power button on the inline controller or in the app is switched on.
- **Incorrect Colors or No Screen Sync:**
 - Ensure the AR camera sensor is correctly positioned at the top center of the TV and facing the screen.
 - Check if the camera sensor cable is properly connected to the control box.
 - In the uLamp app, verify that the screen sensing/sync feature is enabled.
 - Recalibrate the camera sensor through the app if color accuracy issues persist.
- **App Connectivity Issues:**
 - Ensure your smartphone's Bluetooth is enabled and within range of the control box.
 - Restart the uLamp app and try reconnecting.
 - Unplug the power adapter from the LED system for 10 seconds, then plug it back in to reset the device.
 - Ensure your app is updated to the latest version.
- **Lights Flickering or Dim:**
 - Check power connections for any loose contacts.
 - Ensure the power adapter is providing sufficient power.
 - Adjust brightness settings in the uLamp app.

If these steps do not resolve the issue, please contact customer support.

6. SPECIFICATIONS

Feature	Detail
Brand	DeckTok
Model Number	SC-AR-60D-12V
Light Source Type	LED
Light Color	Multicolor (RGB)
LED Count	60 LEDs per 3.28 feet
Strip Length	15.5 Feet
Compatible TV Sizes	55-100 inches
Power Source	AC/DC (Corded)
Control Method	App Control (uLamp), Inline Controller

Water Resistance Level	IP64 (Water Resistant)
Material	Plastic
Color	Black
Included Components	Adhesive, Buckles

7. WARRANTY INFORMATION

The DeckTok TV LED Backlight (Model: SC-AR-60D-12V) comes with a **3-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

8. CUSTOMER SUPPORT

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact DeckTok customer support. Refer to the product packaging or the official DeckTok website for the most current contact information.