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› DAYBETTER Under Cabinet LED Strip Lights User Manual - Model DBA0613013B (9.8ft)

DAYBETTER DBA0613013B

DAYBETTER Under Cabinet LED Strip Lights User Manual

Model: DBA0613013B (9.8ft)

1. INTRODUCTION

Thank you for choosing DAYBETTER Under Cabinet LED Strip Lights. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new lighting system. This product features 6 dimmable LED strip lights, offering tunable white light from 2700K to 6500K, and can be controlled via an RF remote or touch control. It is designed for indoor use in areas such as kitchens, bedrooms, closets, and shelves.

2. PACKAGE CONTENTS

Please verify that all components are present before installation:

- 6 x LED Light Strips (total 9.8ft)
- 1 x RF Remote Controller
- 1 x Power Adapter (24V)
- 1 x Dimmer/Controller Unit with Touch Control
- 5 x 6-inch Connection Extension Cables
- 3 x 3-inch U-Connectors
- Adhesive Tape (pre-applied on strips)

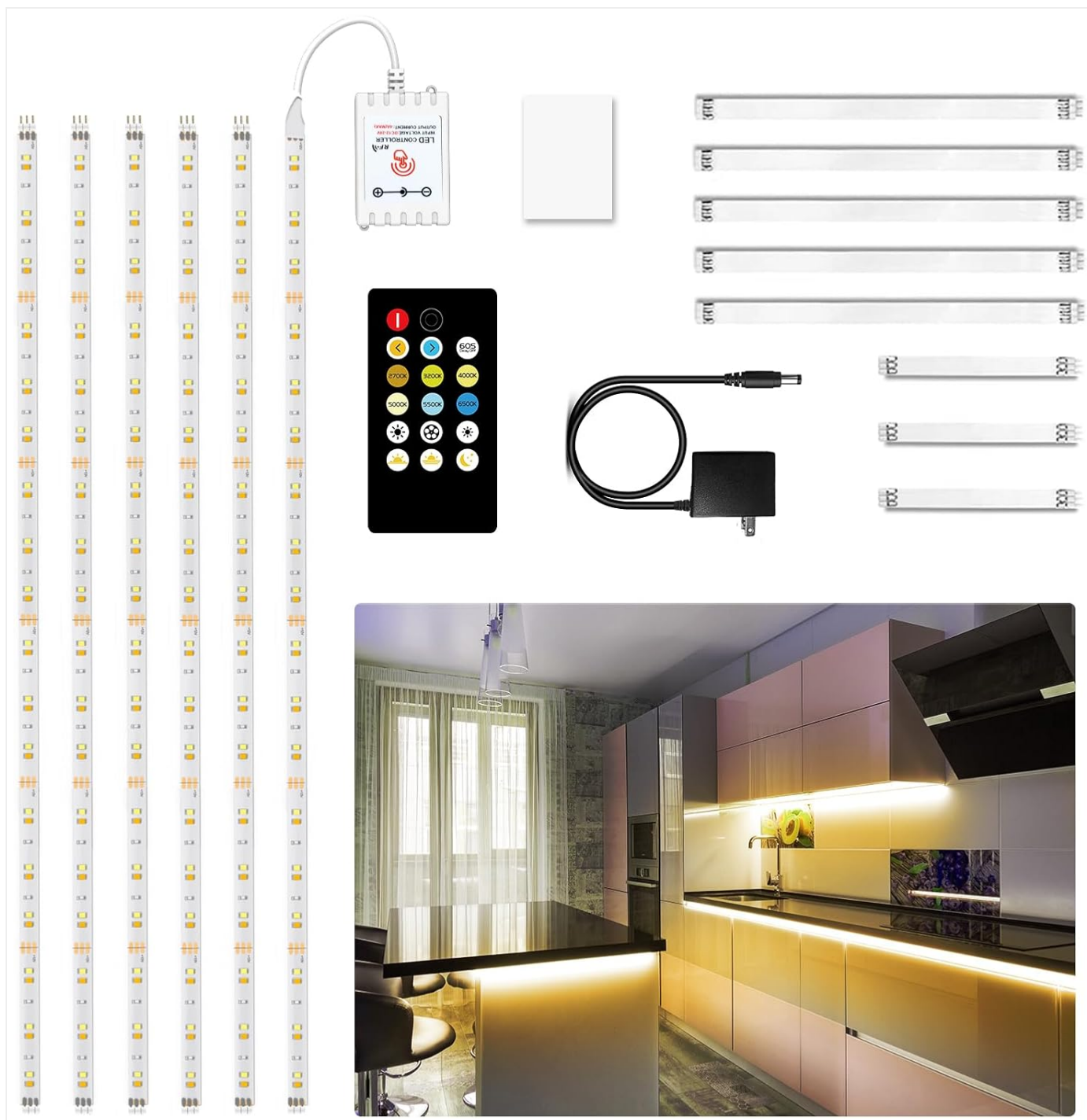


Figure 1: Overview of included components for the DAYBETTER Under Cabinet LED Strip Lights. Shows the six LED strips, RF remote, power adapter, dimmer unit, and various connectors.

3. SPECIFICATIONS

Feature	Detail
Brand	DAYBETTER
Model Number	DBA0613013B
Total Length	9.8ft (6 PCS)
Light Source	LED
Color Temperature	2700K (Warm White) - 6500K (Daylight White)
Brightness	Dimmable, up to 1500 Lumens

Feature	Detail
Control Method	RF Remote Control, Touch Control
Voltage	24 Volts (Low Voltage)
Wattage	5 watts
Installation Type	Adhesive Tape
Indoor/Outdoor Usage	Indoor Only
Special Features	6 Preset Color Temperatures, Tunable White, Cuttable, Linkable, Memory Function, Timing Function (60s auto-off)
Average Life	50,000 Hours

4. SAFETY INFORMATION

- This product is designed for **indoor use only**. Do not expose to water or high humidity.
- Ensure the power adapter is connected to a suitable power outlet (AC).
- Do not attempt to modify or repair the product. Refer to qualified personnel for service.
- Keep the product away from heat sources and direct sunlight.
- Do not cover the LED strips with materials that could impede heat dissipation.
- Always unplug the power adapter before cleaning or performing any maintenance.
- Keep out of reach of children.

5. SETUP AND INSTALLATION

Follow these steps to install your DAYBETTER Under Cabinet LED Strip Lights:

5.1 Preparation

1. **Clean the Surface:** Ensure the installation surface (e.g., under cabinet, shelf) is clean, dry, and free of dust or grease. This is crucial for the adhesive to bond properly.
2. **Plan Layout:** Determine the desired layout for your LED strips. The strips are pre-cut into 6 segments and can be connected end-to-end or using the provided extension cables and U-connectors.
3. **Test Before Adhering:** Connect all LED strips, the dimmer unit, and the power adapter. Plug it in to ensure all lights function correctly before permanent installation.

5.2 Connecting the LED Strips

- Each LED strip has connectors at both ends. Connect them directly or use the provided extension cables and U-connectors to bridge gaps or navigate corners.
- Ensure the connectors are fully inserted and secure to prevent loose connections.
- The LED strips are **cuttable** at designated marks (indicated by copper pads). Only cut at these marks to avoid damaging the circuit. *Note: 3-pin connectors are not included for re-connecting cut segments.*



Figure 2: Detail showing the cuttable design of the LED strips at copper pads and the strong adhesive backing for installation.

5.3 Mounting the LED Strips

1. Peel off the protective backing from the adhesive tape on the back of each LED strip.
2. Carefully press the strip firmly onto the prepared surface, ensuring good contact along the entire length.
3. Mount the dimmer/controller unit in an accessible location, ideally where the touch control can be easily reached.

5.4 Power Connection

- Connect the dimmer/controller unit to the assembled LED strips.
- Connect the power adapter to the dimmer/controller unit.
- Plug the power adapter into a standard AC wall outlet.

6. OPERATING INSTRUCTIONS

6.1 RF Remote Control

The RF remote control allows for comprehensive management of your LED lights. Ensure the remote has a working battery.



Figure 3: Layout of the RF Remote Control buttons for the DAYBETTER LED Strip Lights.

- **Power On/Off:** Press the **Red** button to turn the lights on or off.
- **Brightness Adjustment:** Use the **Sun Up/Sun Down** buttons to increase or decrease brightness.
- **Color Temperature Presets:** Select from 6 preset color temperatures (2700K, 3200K, 4000K, 5000K, 5500K, 6500K) using the dedicated buttons.
- **Dynamic Modes:** The remote offers five dynamic functions (e.g., flashing, gradient, jump, breathing modes) and three scene modes. Refer to the remote's specific button labels for these functions.
- **Timing Off:** Activate the timing function to automatically turn off the lights after 60 seconds.

6.2 Touch Control

The dimmer unit features a touch control function for basic operation.



Figure 4: The dimmer/controller unit with its integrated touch control feature.

- **Power On/Off:** Tap the touch sensor to turn the lights on or off.
- **Brightness/Color Cycle:** Hold the touch sensor to cycle through brightness levels or color temperatures. Release to set.
- **Memory Function:** The dimmer has a memory function that stores the last setting. When powered on again, the light strip will resume its previous state.

6.3 Tunable White and Dimming

The lights offer a wide range of white light options and adjustable brightness.



Figure 5: Illustration of the tunable white light range from 2700K (warm) to 6500K (daylight) and dimming capabilities.

- **Color Temperature:** Adjust the white light from a warm 2700K to a cool 6500K to suit your preference or activity.
- **Dimming:** The brightness can be adjusted from 0% to 100% to create the desired ambiance.

7. MAINTENANCE

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth to gently wipe the LED strips and controller. Do not use harsh chemicals or abrasive cleaners.
- **Adhesive Check:** Periodically check the adhesive for secure attachment. If necessary, reinforce with additional adhesive or clips (not included).
- **Storage:** If storing the lights for an extended period, ensure they are clean, dry, and stored in a cool, dry place away from direct sunlight.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	- Power adapter not plugged in. - Loose connection between components. - Remote battery depleted. - Power outlet malfunction.	- Ensure power adapter is securely plugged into a working outlet. - Check all connections between strips, dimmer, and power adapter. - Replace remote battery. - Test the outlet with another device.
Remote control not responding.	- Remote battery depleted. - Obstruction between remote and receiver. - Remote not paired (unlikely for RF, but possible).	- Replace remote battery. - Ensure clear line of sight (though RF is less sensitive). - Try using the touch control on the dimmer unit.
Lights flicker or change color unexpectedly.	- Loose connection. - Power fluctuation. - Controller malfunction.	- Check all connections. - Unplug and re-plug the power adapter to reset the controller. - If issues persist, contact customer support.
Adhesive not sticking well.	- Surface not clean or dry. - Surface material incompatible.	- Ensure surface is thoroughly cleaned and dried before application. - Use additional mounting clips or stronger double-sided tape if needed.

9. WARRANTY AND SUPPORT

DAYBETTER products are designed for quality and reliability. For warranty information, technical support, or any questions regarding your product, please contact DAYBETTER customer service through the retailer where the product was purchased or visit the official DAYBETTER website.

Please have your model number (DBA0613013B) and purchase date available when contacting support.

10. DISPOSAL INFORMATION

This product contains electronic components and should not be disposed of with household waste. Please dispose of it according to local regulations for electronic waste recycling. Contact your local authorities or waste disposal service for information on recycling options.

