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› lexall KAIJ-1466-US 3-Pack Under Cabinet Lighting System User Manual

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Model: **KAIJ-1466-US** | Brand: **lexall**

1. INTRODUCTION

This manual provides comprehensive instructions for the lexall KAIJ-1466-US 3-Pack Under Cabinet Lighting System. This system features rechargeable motion sensor lights with dimmable RGB capabilities and a convenient charging station. Each light bar measures 7.78 inches x 1.57 inches x 0.51 inches and weighs 3.24 oz (92g). They are equipped with 24 white LEDs, 24 warm LEDs, and 12 RGB LEDs, totaling 60 energy-efficient, non-glaring beads designed for eye protection.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 3 x lexall Cabinet Lights
- 1 x Charging Station
- 1 x User Manual
- 1 x Remote Control (includes 2 AAA batteries)
- 6 x Adhesive Iron Plates
- 1 x USB Charging Cable

PARCEL LIST

Motion Sensor Light × 3
Adhesive Iron Plates × 6
Charging Base × 1

USB Charging Cable × 1
Remote Control × 1
(2*AAA batteries included)
User Manual × 1



Image: Contents of the lexall KAIJ-1466-US package, including three light bars, charging station, remote, USB cable, adhesive plates, and user manual.

3. PRODUCT OVERVIEW AND FEATURES

The lexall KAIJ-1466-US lighting system offers versatile illumination with advanced features:

- **Smart Under Cabinet Lights with Remote Control:** Each light bar is compact and lightweight, featuring 60 LEDs (24 white, 24 warm, 12 RGB) for energy-efficient, non-glaring illumination. Control color and settings remotely.
- **Storable Multi-device Charging Station:** The included charging base can simultaneously power three LED light bars via a USB-C cable. It supports PD30W-65W fast charging, fully charging in approximately 3.5 hours. The base also functions as a storage device to keep your desktop organized.
- **15 Color RGB & 4 Dynamic Preset Effects:** In "ON" mode, choose from 15 color options, including 3 preset color temperatures (warm, white, neutral) and 12 RGB colors. Dynamic effects like fade, flash, smooth, and strobe are available.
- **Eye-Care Gradual Brightening Dimmable & Timer:** Adjustable brightness settings (25%, 50%, 75%, 100%) with gradual brightening to prevent sudden glare. Features a timer function for 30 or 60 minutes.

- **Multiple Sensor Modes:**

- **All Day Sensor Mode:** Activates by motion regardless of ambient light conditions.
- **Night Sensor Mode:** Activates only in dark environments when motion is detected.
- **Always-on Mode:** Provides continuous lighting for prolonged use, suitable for reading or as a flashlight.

Motion detection range is up to 16 ft (4.8 meters) within a 120° angle, covering approximately 300 square feet. Lights turn off 25 seconds after no motion is detected.

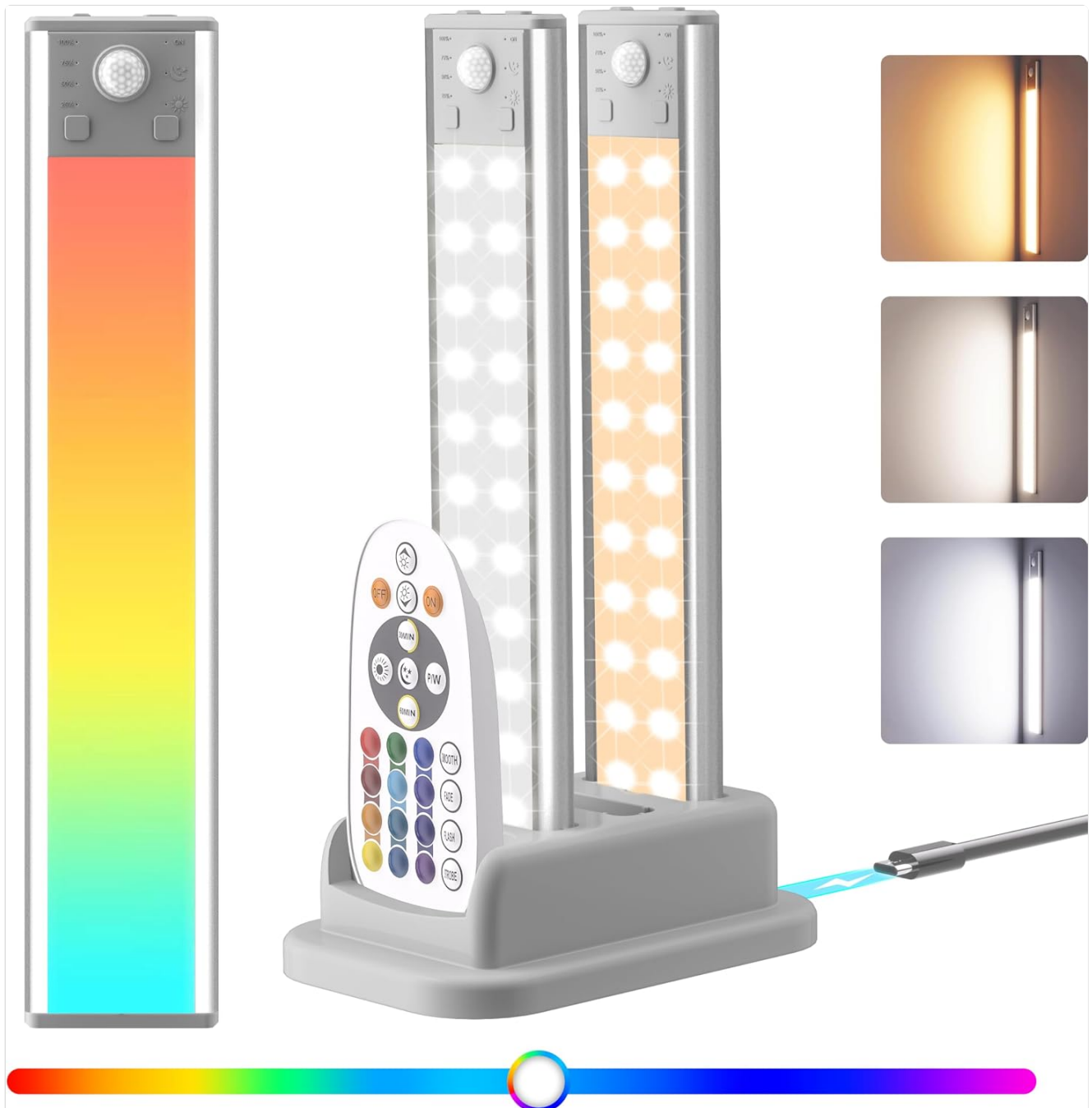


Image: The lexell KAIJ-1466-US lighting system, illustrating the three light bars, charging station, and remote control, with examples of different light colors.

4. SETUP AND INSTALLATION

The lexell under cabinet lights offer two straightforward installation methods:

1. **Adhesive Iron Plates:** Peel off the protective film from the adhesive tape on the iron plates and stick them

onto any flat, clean surface (e.g., wood, wall). The light bars have built-in magnets and will attach securely to these plates.

2. **Direct Magnetic Attachment:** If the desired surface is made of iron (e.g., a refrigerator), the light bars can be directly attached without the need for adhesive plates.

No screws are required for installation, allowing for easy removal of the lights for recharging.



Image: Illustration of the two installation methods: using adhesive iron plates for non-magnetic surfaces and direct magnetic attachment for iron surfaces.

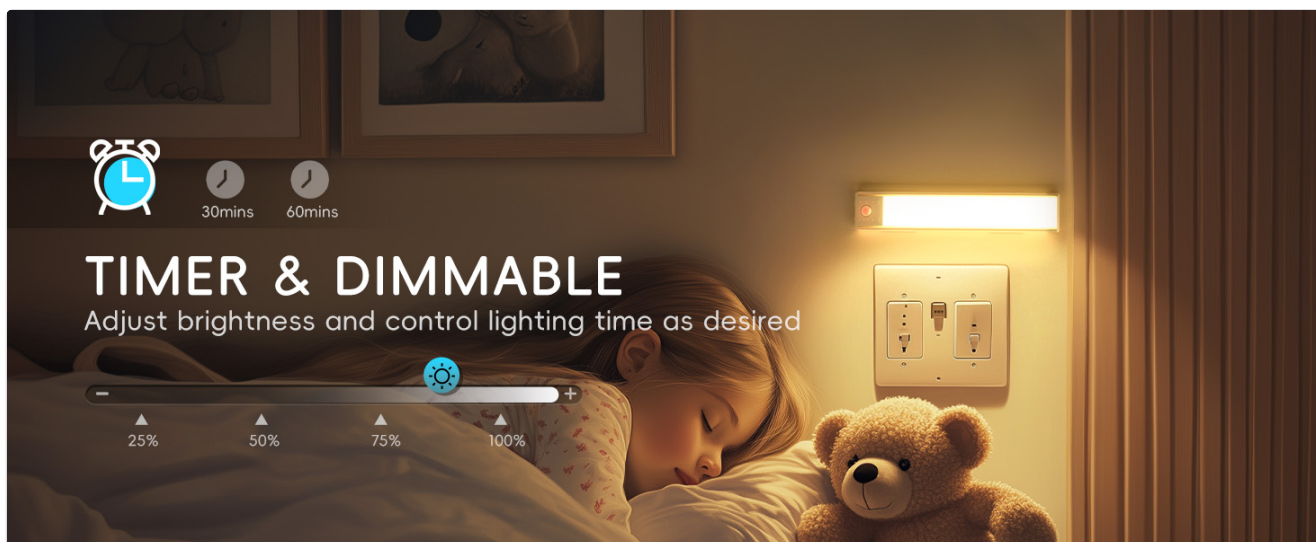


Image: Visual examples of light bar placement, including under kitchen cabinets and on a refrigerator, demonstrating versatile installation options.

5. OPERATING INSTRUCTIONS

5.1. Remote Control Functions

The included remote control allows for comprehensive management of the light bars. Ensure AAA batteries are inserted into the remote before use.



Image: Overview of control options, showing the remote control layout and the physical buttons on the light bar for mode selection and dimming.

- **On/Off Button:** Powers the lights on or off.
- **P/W Button:** Cycles through 3 preset color temperatures: Warm (3000K), Neutral (4500K), and White (6000K).
- **RGB Color Buttons:** Select from 12 distinct RGB colors.
- **Dynamic Effect Buttons:** Choose from 4 dynamic lighting modes:
 - **Fade:** Brightness varies with a breathing effect for the selected color.
 - **Flash:** Rapid cycling of colors.
 - **Smooth:** Gradual cycling through 12 different colors.
 - **Strobe:** Quick, intermittent flashes of light.
- **Brightness Adjustment:** Adjust brightness to 25%, 50%, 75%, or 100%.

- **Timer Function:** Set the lights to turn off automatically after 30 or 60 minutes.

5.2. Motion Sensor Modes

The light bars feature a PIR motion sensor with three operational modes, selectable via a switch on the light bar:

- **Night Mode:** The light will only activate when motion is detected in dark conditions.
- **Daylight Mode:** The light will activate when motion is detected, regardless of ambient light.
- **Always-on Mode:** The light remains continuously on, bypassing motion detection. This mode is suitable for tasks requiring constant illumination.

In sensor modes, lights automatically turn on when human movement is detected within a 16 ft distance and 120° range. They will turn off approximately 25 seconds after no motion is detected. The lights will remember the last used mode.



Image: Visual representation of the three working modes: Night Mode for dark conditions, Daylight Mode for motion detection in any light, and Always-on Mode for continuous lighting.

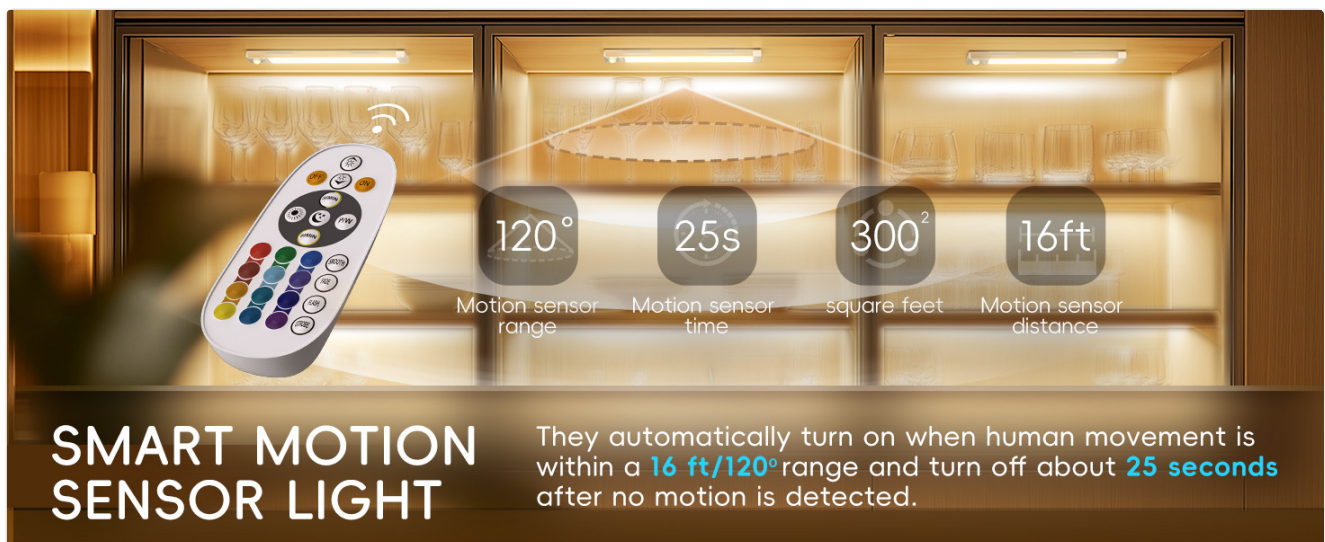


Image: Details of the smart motion sensor light, highlighting its detection range, duration, coverage area, and distance.

5.3. Color Temperature and Dimmable Settings

Adjust the lighting to suit your environment and preference:

- **Color Temperature:** Use the P/W button on the remote to select Warm White (3000K), Neutral White (4500K), or Cool White (6000K).

- **Brightness:** The lights can be dimmed to 25%, 50%, 75%, or 100% brightness. The gradual brightening feature ensures a comfortable transition and protects your eyes.
- **Timer:** Utilize the timer function for 30 or 60 minutes, ideal for situations where temporary lighting is needed.



Image: Examples of the three preset color temperatures: Warm White (3000K), Neutral White (4500K), and Cool White (6000K) in a kitchen setting.



Image: Demonstration of the timer and dimmable features, showing adjustable brightness levels and 30/60 minute timer options, suitable for a bedroom environment.

6. CHARGING INSTRUCTIONS

The lexall light bars are equipped with a built-in 1000mAh rechargeable battery. They can be charged using the provided charging station or individually via a USB-C cable.

- **Charging Station:** Insert up to three light bars into the charging station. Connect the charging station to a power source using the USB-C cable. The station is compatible with PD30W-65W fast chargers.
- **Individual Charging:** Each light bar can also be charged directly using a USB-C cable.
- **Charging Indicator:** A red light indicates charging is in progress. A green light indicates the battery is fully charged.
- **Charging Time:** Approximately 3.5 hours for a full charge using the charging station.
- **Battery Life:**

- **Sensor Mode:** Up to 60 days (based on 10 activations per day, lasting 25 seconds each).
- **Always-on Mode:** Approximately 4 hours.

Image: Detailed view of the charging process, showing the charging station, light bars, USB-C connection, and LED indicators for charging status. Battery life estimates are also displayed.

7. MAINTENANCE AND CARE

To ensure optimal performance and longevity of your lexall lighting system, please follow these guidelines:

- **Remote Control Batteries:** Ensure the remote control has 2 AAA batteries inserted correctly.
- **Storage:** Store the light bars and adhesive tape in a cool, dry place, away from direct sunlight, to maintain the integrity of the adhesive.
- **Adhesive Application:**
 - Avoid repeated use of the adhesive tape, as this can reduce its effectiveness.
 - When applying, press firmly for more than 5 seconds to ensure a strong bond.
 - Before applying, clean the surface thoroughly to remove any stains, water, oil, or dust.
 - Do not apply the adhesive directly to concave, convex, or rough surfaces, or to the human body.
- **Cleaning:** Wipe the light bars and charging station with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Water Resistance:** This product is not water resistant. Avoid exposure to water or high humidity.

8. TROUBLESHOOTING

If you encounter any issues with your lexall under cabinet lighting system, please consider the following:

- **Light Not Turning On:**
 - Check if the light bar is charged.
 - Ensure the light is in the "on" position or the correct sensor mode.
 - Verify remote control batteries are correctly inserted and functional.
- **Motion Sensor Not Working:**
 - Confirm the light is in Night Mode or Daylight Mode.
 - Ensure there are no obstructions blocking the sensor.
 - In Night Mode, verify the environment is sufficiently dark.
- **Adhesive Not Holding:**
 - Ensure the surface was clean and dry before application.
 - Avoid repositioning the adhesive multiple times.
 - Ensure the surface is flat and smooth.

For further assistance or if issues persist, please contact lexall customer support for a satisfactory solution.

9. SPECIFICATIONS

Brand	lexall
Model Name	KAIJ-1466-US
Product Dimensions (each light)	7.78"L x 1.57"W x 0.51"H (19.76 cm x 3.99 cm x 1.3 cm)
Item Weight (each light)	3.24 oz (92g)
Material	Aluminum, Plastic
Light Source Type	LED (24 White, 24 Warm, 12 RGB)
Brightness	Up to 300 Lumens
Color Temperature	3000K (Warm White), 4500K (Neutral White), 6000K (Cool White), RGB
Power Source	Battery Powered (3 Lithium Polymer batteries included)
Battery Capacity	1000mAh (per light bar)
Charging Interface	USB-C (compatible with PD30W-65W fast charge)
Motion Sensor Range	Up to 16 ft (4.8 meters), 120° angle
Motion Sensor Duration	Approximately 25 seconds after no motion detected
Special Features	Adjustable Color Temperature, Dimmable, Motion Sensor, Portable, Timer, RGB Colors, Dynamic Effects
Control Method	Remote Control, Push Button on light bar
Indoor/Outdoor Usage	Indoor
Water Resistance Level	Not Water Resistant

10. WARRANTY AND SUPPORT

lexall products are designed for quality and reliability. While specific warranty details are not provided in this manual, if you encounter any issues or require assistance with your lexall KAIJ-1466-US Under Cabinet Lighting System, please contact lexall customer support. Refer to the product packaging or the lexall brand store on Amazon for contact information.

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