Onforu CTB24RGB

Onforu 48W LED RGB Wall Washer Light (Model CTB24RGB) Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective installation, operation, and maintenance of your Onforu 48W LED RGB Wall Washer Light, Model CTB24RGB. Please read this manual thoroughly before use and retain it for future reference.

Image 1.1: Two Onforu 48W LED RGB Wall Washer Lights with remote controls.

2. SAFETY INSTRUCTIONS

- Ensure the power supply voltage matches the product's requirements (120V).
- Do not disassemble, modify, or repair the product yourself. Contact qualified personnel for service.
- Keep the product away from flammable materials.
- The power plug is not waterproof. Ensure it is protected from water exposure, especially during outdoor use.
- Avoid direct eye exposure to the light source.
- Always disconnect power before installation, cleaning, or maintenance.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package:

- Onforu 48W LED RGB Wall Washer Light (x2)
- 44-Key RF Remote Control (x2)
- Mounting Brackets (x4)

- M5 Hex Screw Key (x1)
- Screws (x4)
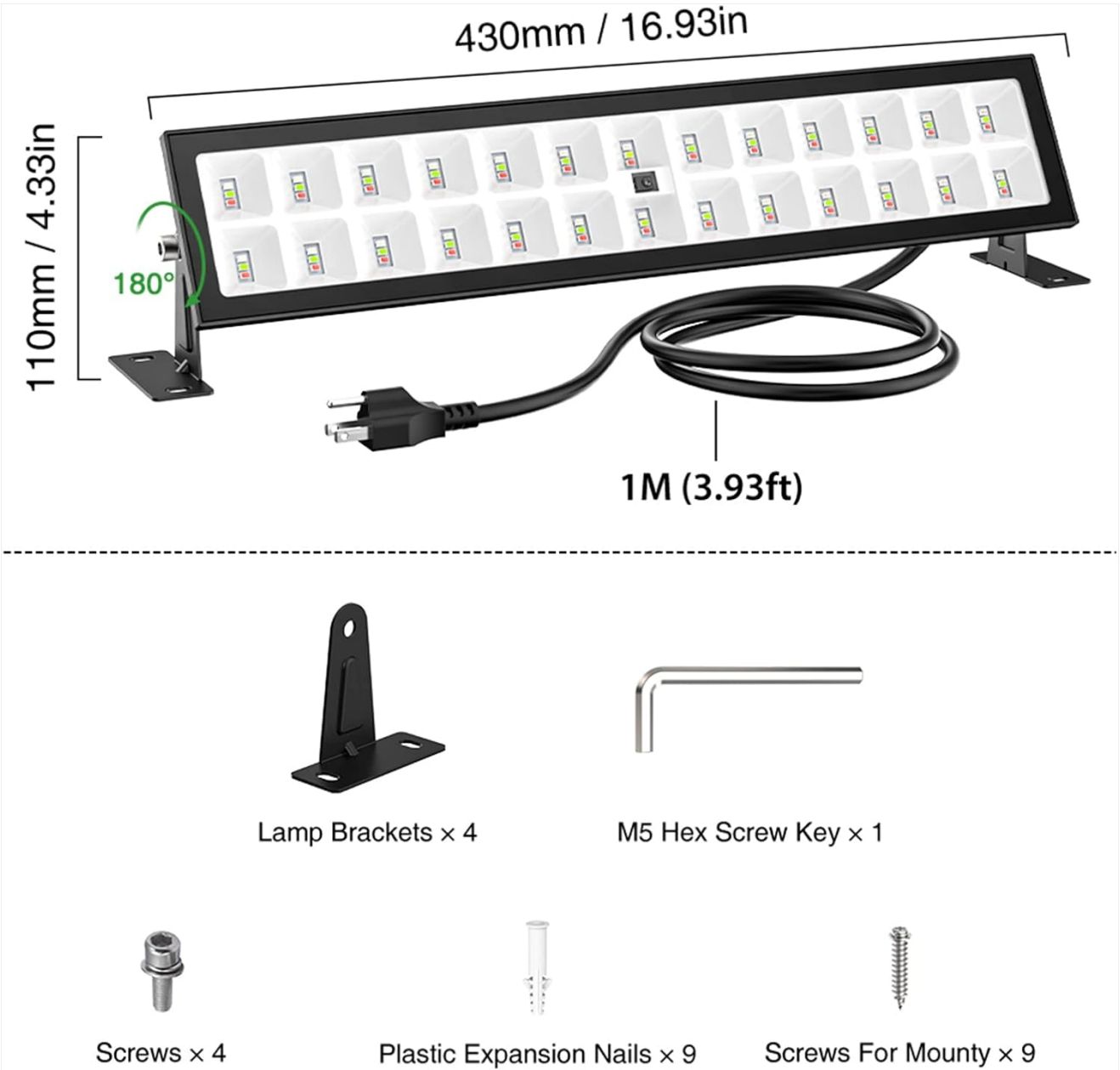- Plastic Expansion Nails (x9)
- Screws for Mounting (x9)

Image 3.1: Product dimensions and included accessories.

4. Specifications

Feature	Specification
Model Number	CTB24RGB
Power	48 Watts
Voltage	120 Volts
Brightness	7200 Lumens
Light Source Type	LED

Feature	Specification
Color	RGB (Color Changing)
Material	Aluminum, Tempered Glass
Finish Type	Powder Coated
IP Rating	IP66 (Light Bar)
Product Dimensions	15.74"L x 3.14"W x 2.48"H
Item Weight	2 Pounds
Power Cord Length	3.93 ft (1 meter)
Remote Control Range	Up to 26.25 ft (8 meters)
Average Life	30,000 Hours

5. INSTALLATION

5.1 Mounting the Light Bar

1. Attach the mounting brackets to the light bar using the provided screws. The brackets allow for 180-degree adjustment.
2. Choose a suitable location for installation (ceiling, wall, or ground). Ensure the surface can support the weight of the light.
3. Mark the drilling points on the chosen surface using the bracket holes as a guide.
4. Drill holes at the marked points. For masonry or concrete, insert the plastic expansion nails.
5. Secure the light bar with the attached brackets to the surface using the mounting screws.
6. Adjust the angle of the light bar as desired.

5.2 Electrical Connection

- Ensure the power outlet is easily accessible and protected from moisture, especially for outdoor installations.
- Plug the power cord into a standard 120V AC outlet.
- The light bar is IP66 waterproof, but the power plug is not. Protect the plug and connection point from water.

6. OPERATING INSTRUCTIONS

6.1 Remote Control Functions (44-Key RF Remote)

The light bar is controlled by the included 44-key RF remote control. The remote has a sensing distance of up to 26.25 feet (8 meters).

Image 6.1: Remote control operation and timer function.

6.2 Color Modes

The light offers 20 basic colors and 6 lighting modes:

- **20 Basic Colors:** Select directly from the color buttons on the remote.
- **6 Lighting Modes:** Includes Fade, Jump, Flash, and other dynamic effects. Refer to the remote control for specific mode buttons.
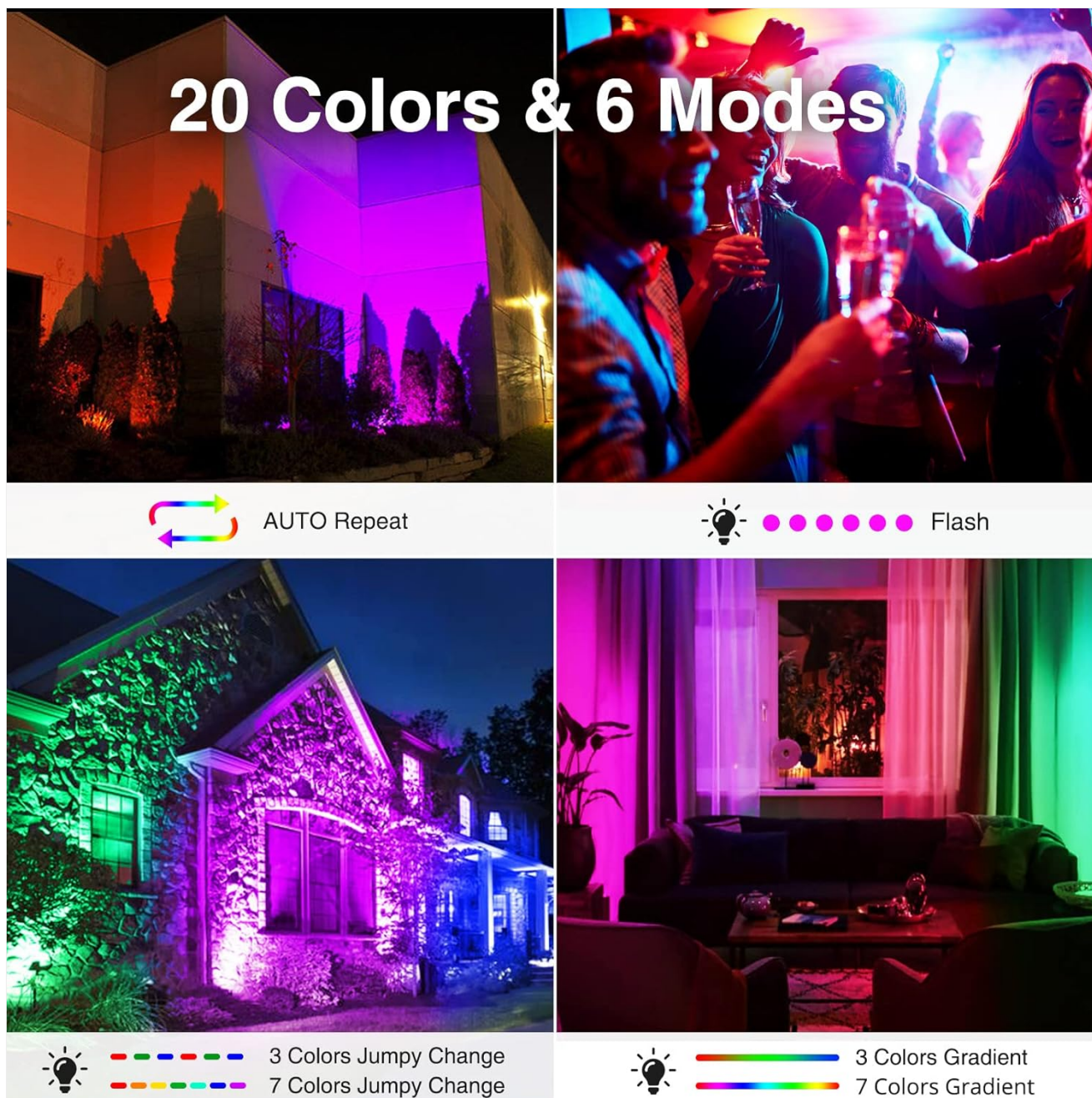
Image 6.2: Examples of 20 colors and 6 modes.

6.3 DIY Color Settings

The remote control features three DIY settings (DIY1, DIY2, DIY3) allowing you to customize colors by adjusting the proportion of red, green, and blue. Follow these steps:

1. Press one of the DIY buttons (DIY1, DIY2, or DIY3) to enter DIY mode.
2. Use the Red, Green, and Blue arrow buttons (up/down) to increase or decrease the intensity of each primary color.
3. Once satisfied with your custom color, press the same DIY button again to save it.
4. You can recall your saved DIY colors by pressing the corresponding DIY button.

Image 6.3: DIY color setting functionality.

6.4 Timing Function

The timing function allows you to set the light to automatically turn off after a specified duration:

- Press the 3H, 6H, or 12H button on the remote to activate the timer for 3, 6, or 12 hours, respectively.
- The light will automatically turn off once the set time has elapsed.

6.5 Memory Function

The light bar retains its last used settings (color, mode, and brightness) when powered off and on again. No need to reset your preferred configuration.

7. MAINTENANCE

- **Cleaning:** Disconnect power before cleaning. Use a soft, damp cloth to wipe the surface of the light bar. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the power cord for any damage. Ensure all mounting screws are tight.
- **Storage:** If storing the light for an extended period, ensure it is clean and dry. Store in a cool, dry place away from

direct sunlight.

8. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on	No power supply; Loose connection; Faulty outlet.	Check power connection; Ensure outlet is functional; Try a different outlet.
Remote control not working	Remote battery depleted; Obstruction between remote and light; Remote too far.	Replace remote battery; Remove obstructions; Operate within 26.25 ft range.
Colors or modes not changing	Remote control issue; Light malfunction.	Ensure remote is pointed at the light's sensor; Try resetting the light by unplugging and replugging. If issue persists, contact support.
DIY colors not saving	DIY button not pressed again to save.	After adjusting RGB values, press the same DIY button (DIY1, DIY2, or DIY3) again to save the custom color.

9. Warranty and Support

Onforu products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase or visit the official Onforu website. Keep your purchase receipt as proof of purchase for warranty claims.