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› MELEGAN 12 Inch Smart RGB LED Flush Mount Ceiling Light User Manual

MELEGAN 001

MELEGAN 12 Inch Smart RGB LED Flush Mount Ceiling Light User Manual

Model: 001

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your MELEGAN 12 Inch Smart RGB LED Flush Mount Ceiling Light. This smart ceiling light offers adjustable white light (2700K-6500K), 16 million RGB colors, and smart control via an app or voice commands with Alexa and Google Assistant. Please read this manual thoroughly before installation and use.



Image: Overview of the MELEGAN Smart RGB LED Flush Mount Ceiling Light.

2. SAFETY INFORMATION

- Always turn off the power at the circuit breaker before installing, removing, or servicing the fixture.
- Consult a qualified electrician if you are unsure about the installation process.
- Ensure all electrical connections are made in accordance with local codes and ordinances.
- Do not attempt to modify the fixture. Any modifications may void the warranty and pose a safety risk.
- This fixture is designed for indoor use only and is not water resistant.

3. WHAT'S IN THE BOX

- 1x Smart Ceiling Light
- Mounting Hardware

4. SPECIFICATIONS

Feature	Specification
Brand	MELEGAN
Model Number	001
Color	White
Material	Plastic
Dimensions (L x W x H)	11.8"L x 11.8"W x 0.9"H
Wattage	24 watts
Brightness	2400 lumens (max)
Color Temperature	2700K-6500K (Adjustable)
RGB Colors	16 Million
Voltage	110 volts AC
Control Method	App, Voice (Alexa, Google Assistant)
Connectivity Protocol	Wi-Fi (2.4 GHz only)
Installation Type	Flush Mount

5. INSTALLATION GUIDE

Follow these steps to install your MELEGAN Smart RGB LED Flush Mount Ceiling Light. Ensure power is OFF at the circuit breaker before beginning.

1. **Step 1: Prepare for Installation**

Turn off the power at the main circuit breaker. Remove your old light fixture. Ensure the mounting surface is clean and dry.



Image: Mounting bracket with wires exposed.

2. **Step 2: Install Mounting Bracket**

Attach the mounting bracket to the junction box in your ceiling using the provided screws. Ensure it is securely fastened.



Image: Attaching the mounting bracket to the ceiling junction box.

3. Step 3: Connect Wiring

Connect the household wires to the fixture wires. Typically, black to black (live), white to white (neutral), and green or bare copper to ground. Use wire nuts to secure connections.

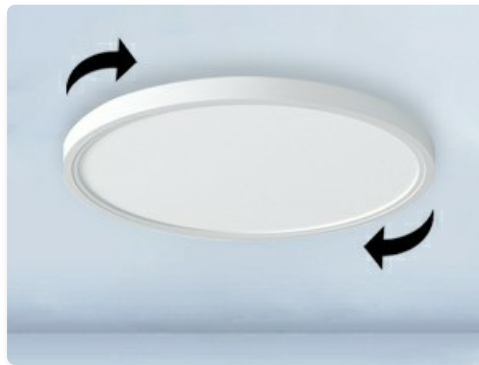


Image: Connecting the fixture wires to the household wiring.

4. Step 4: Mount the Fixture

Carefully tuck the wires into the junction box. Align the fixture with the mounting bracket and twist to lock it into place. Ensure the fixture is flush with the ceiling.



Image: Twisting the light fixture onto the mounting bracket.

After installation, restore power at the circuit breaker. The light should turn on or be ready for smart pairing.



Image: Visual guide for easy installation of the ceiling light.

6. OPERATING INSTRUCTIONS

6.1 Smart App Control & Voice Control

The MELEGAN Smart Ceiling Light can be controlled via a smart app (compatible with Tuya-based apps) on your iOS or Android device, or through voice commands using Amazon Alexa or Google Assistant. Ensure your phone is connected to a 2.4 GHz WiFi network during setup, as the light only operates on this frequency.

- **App Pairing:** Download the compatible smart home app. Follow the in-app instructions to add your device. The light will typically flash to indicate pairing mode.
- **Voice Control:** Once paired with the app, link the app to your Alexa or Google Assistant account. You can then use voice commands to turn the light on/off, dim/brighten, or change colors.

GROUP CONTROL & TIMER



Control Room Light Individually
Control Your lights away from Home

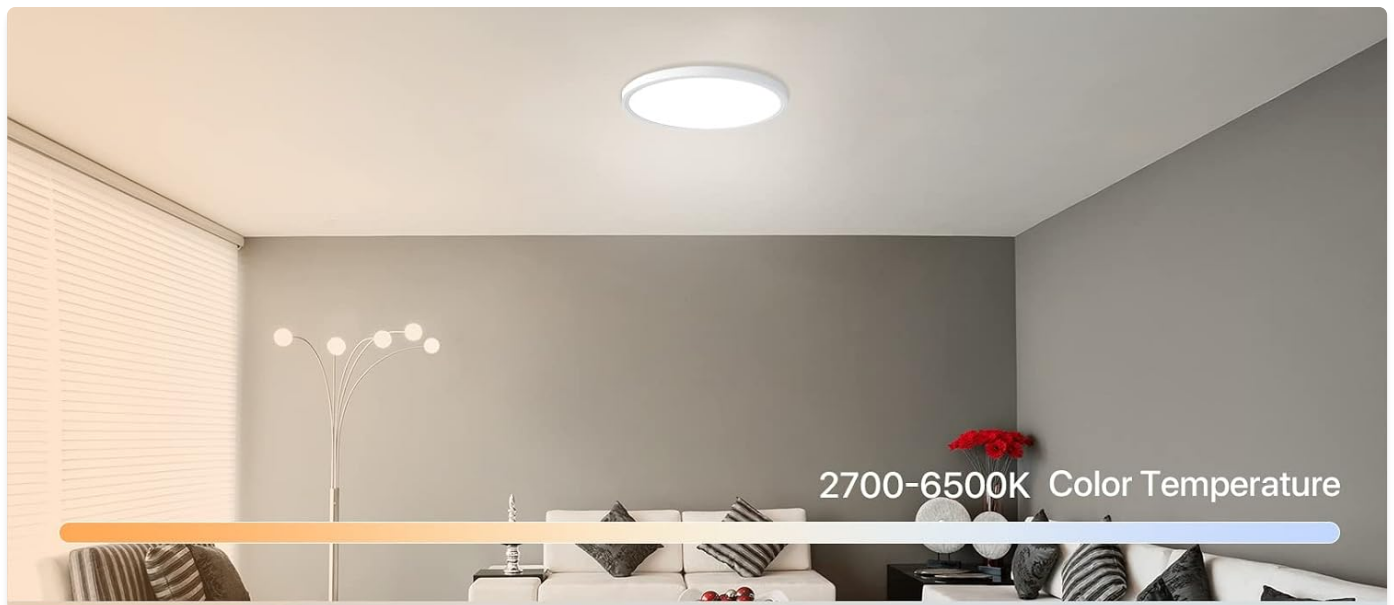
Image: Demonstrates app control for individual room lights and remote access.

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Video: Official demonstration of the Smart LED Ceiling Light features by MELEGAN USA.

6.2 Front Light - Daylighting Mode

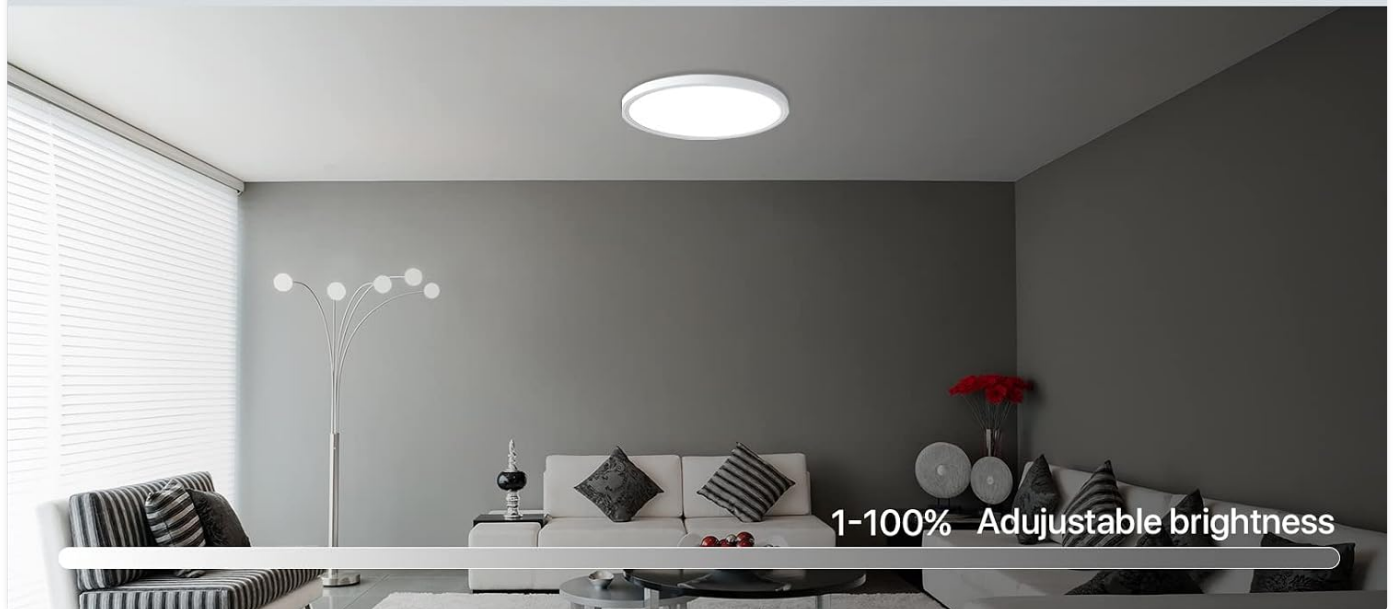
The main front light provides high brightness LED illumination. You can adjust the color temperature from warm white (2700K) to cool daylight white (6500K) and brightness from 10% to 100% via the app or voice commands. This allows you to customize the lighting to suit various activities and moods.



2700-6500K Color Temperature

DAY LIGHTING MODE

FRONT



1-100% Adujustable brightness

Image: Illustrates the adjustable color temperature (2700K-6500K) and brightness (1-100%) in Daylighting Mode.

6.3 Back Light - RGB Atmosphere Lamp Mode

The backlight features 16 million RGB colors, allowing you to create various atmospheric effects. This mode is ideal for setting a mood, celebrating holidays, or enhancing your room's ambiance. The lighting is designed to be soft and non-dazzling.

Atmosphere Light Mode **BACK**

Adjustable
16 Million Colors



Image: Shows the backlight in RGB Atmosphere Mode, highlighting the adjustable 16 million colors.

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Video: Official demonstration of the Smart RGB Ceiling Light Fixture by MELEGAN USA.

6.4 Music Sync Mode

In Music Sync mode, the color of the backlight changes dynamically with the rhythm of your music, providing an immersive audio-visual experience for special occasions or entertainment.

7. MAINTENANCE

To maintain the appearance and performance of your ceiling light, follow these simple guidelines:

- Ensure the power is off before cleaning.
- Wipe the fixture with a soft, dry, or slightly damp cloth.
- Do not use harsh chemicals, abrasive cleaners, or scouring pads, as these can damage the finish.

8. TROUBLESHOOTING

If you encounter issues with your MELEGAN Smart RGB LED Flush Mount Ceiling Light, refer to the following common solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose wiring, or faulty fixture.	Check circuit breaker. Ensure all wiring connections are secure. If problem persists, contact support.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi frequency (only 2.4 GHz supported), weak signal, or incorrect pairing steps.	Ensure your router is broadcasting a 2.4 GHz network and your phone is connected to it during setup. Move closer to the router. Follow app pairing instructions carefully.
Light disconnects from network frequently.	Weak Wi-Fi signal or network interference.	Ensure the light is within range of your 2.4 GHz Wi-Fi router. Reduce interference from other devices. Consider a Wi-Fi extender if necessary.
Alexa/Google Assistant control issues (e.g., cannot coordinate front/back light).	Limitations in voice assistant integration or specific command phrasing.	Try specific commands for each light component if available (e.g., "Alexa, set main light to warm white" and "Alexa, set rim light to blue"). Use the app for more complex combinations if voice control is limited.
Brightness at 1% is still too bright.	Perceived brightness may vary based on room size and ambient light.	This is a characteristic of the LED output. For very low light, consider using only the RGB backlight at a low setting.

9. WARRANTY AND SUPPORT

Your MELEGAN Smart RGB LED Flush Mount Ceiling Light comes with a **2-year manufacturer's limited warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions not covered in this manual, please contact MELEGAN customer service through the retailer where you purchased the product or visit the official MELEGAN website for contact information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question