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Arcchio 9624207

Arcchio Brenda LED Panel with Remote Control - User Manual

Model: 9624207

1. Introduction

This manual provides comprehensive instructions for the safe and efficient use of your Arcchio Brenda LED Panel. This modern LED ceiling light features adjustable color temperature, dimming capabilities, and an RGB backlight, all controllable via the included remote control. Please read this manual thoroughly before installation and operation, and retain it for future reference.



Figure 1: Arcchio Brenda LED Panel

2. Safety Instructions

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes. Always disconnect power at the main circuit breaker before installation, maintenance, or repair.
- **Indoor Use Only:** This product has an IP20 rating, indicating it is protected against solid objects larger than 12.5mm but has no protection against water. Do not use in damp or wet locations.
- **Voltage:** Ensure the supply voltage matches the product's specified voltage (230V).
- **Handling:** Handle the LED panel with care to avoid damage. Do not apply excessive force.
- **Heat:** Do not cover the LED panel with insulating material. Ensure adequate ventilation around the fixture.

3. Package Contents

Verify that all components are present and undamaged:

- Arcchio Brenda LED Panel (with integrated LED light source)
- Remote Control
- Mounting Hardware (screws, anchors, etc.)
- Instruction Manual

4. Setup and Installation

Tools Required: Drill, screwdriver, wire strippers, voltage tester, measuring tape, pencil.

1. **Power Disconnection:** Turn off the main power supply to the installation area at the circuit breaker.
2. **Marking:** Use the mounting bracket as a template to mark the drilling points on the ceiling.
3. **Drilling:** Drill holes at the marked points and insert appropriate wall anchors if necessary.
4. **Mounting Bracket Installation:** Secure the mounting bracket to the ceiling using the provided screws.
5. **Wiring:** Connect the electrical wires from the ceiling to the LED panel's terminal block. This panel features a high-quality, screwless quick connection for durable, safe, and tool-free wiring. Ensure correct polarity (Live, Neutral, Earth).
6. **Panel Attachment:** Carefully attach the LED panel to the mounting bracket. Ensure it is securely fastened.
7. **Power Restoration:** Restore power at the main circuit breaker and test the light.



Figure 2: Internal components and wiring connection points

5. Operating Instructions

The Arcchio Brenda LED Panel is controlled using the included remote control.



Figure 3: Remote Control

5.1 Remote Control Functions

- **Power Button ( ):** Turns the LED panel ON or OFF.
- **DIM+** / **DIM-:** Adjusts the brightness level of the light.
- **Color Temperature Adjustment (☀ buttons):** Cycles through different white light temperatures, from warm white (3000K) to universal white and daylight (6000K).



Figure 4: Adjustable White Light Temperatures

- **RGB / :** Activates and cycles through the RGB backlight colors. The panel features an RGB backlight for effective colored light.



Figure 5: RGB Backlight Colors

- **Night Light ( ):** Activates a low-intensity night light mode.
- **FLASH / SMOOTH / FADE:** Controls dynamic lighting effects for the RGB backlight.
- **SLEEP:** May activate a timer or a gradual dimming function (refer to specific remote markings).

6. Maintenance

- **Cleaning:** Disconnect power before cleaning. Clean the LED panel with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **No User-Serviceable Parts:** The LED light source is integrated and not user-replaceable. Do not attempt to open or repair the fixture yourself.

7. Troubleshooting

- **Light does not turn ON:**

- Check if the power supply is connected and the circuit breaker is ON.
- Ensure the remote control batteries are correctly inserted and not depleted.
- Verify all wiring connections are secure.

- **Remote control not responding:**
  - Replace the remote control batteries.
  - Ensure there are no obstructions between the remote control and the LED panel.
  - Confirm you are within the effective range of the remote control.
- **Inconsistent or flickering light:**
  - Check all electrical connections for looseness.
  - Ensure the power supply is stable.

8. Specifications



Figure 6: Product Dimensions

Feature	Specification
Brand	Arcchio
Model Number	9624207
Dimensions (L x W x H)	119.5 x 29.5 x 5.5 cm
Weight	4.22 kg
Material	Aluminium, Plastic
Color	White
Light Source	Integrated LED
Wattage	50 W
Luminous Flux	2700 Lumen
Color Temperature	3000K (Warm White) - 6000K (Daylight)
Voltage	230 V
IP Code	IP20
Protection Class	I
Special Features	Dimmable, Color Changing, Night Light Function, RGB Backlight, Remote Control
Energy Efficiency Class	F

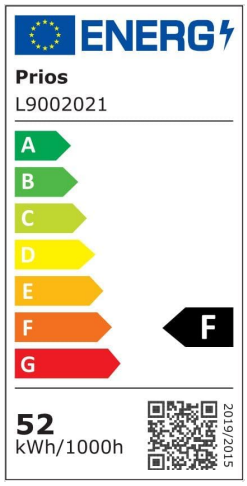


Figure 7: Energy Label (Class F)

For more details, refer to the EPREL database: https://eprel.ec.europa.eu/qr/741806

9. Warranty and Support

For warranty information or technical support, please contact your retailer or the manufacturer, Arcchio. Keep your proof of purchase for any warranty claims. Do not attempt to repair the product yourself, as this may void the warranty.

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