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LeuchtenDirekt 16537-16-O

Paul Neuhaus 16537-16-O LED Ceiling Panel User Manual

Model: 16537-16-O | Brand: LeuchtenDirekt



1. INTRODUCTION

Thank you for choosing the Paul Neuhaus 16537-16-O LED Ceiling Panel. This manual provides essential information for the safe installation, operation, and maintenance of your new lighting fixture. Please read these instructions carefully before installation and retain them for future reference.

The Paul Neuhaus Flat LED ceiling panel features a minimalist and timeless design. This space-saving panel includes a fixed 25W LED light source. It emits approximately 1450 lumens, and its integrated light management allows you to adjust the light color from warm white (2700 K) to daylight white (5000 Kelvin), adapting to different times of day. The LED panel's light intensity can also be adjusted as desired via the included wireless remote control. The lamp is equipped with a memory function, retaining the last setting until changed again. Thanks to its white plastic cover, the panel provides pleasant, glare-free illumination suitable for various living spaces. Utilizing LED technology, the lamp is highly energy-efficient, produces low heat, and has a long lifespan. The panel measures 100 cm in length, 10 cm in width, and has a suspension height of 5 cm.

2. SAFETY INSTRUCTIONS

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with local wiring regulations.
- **Power Disconnection:** Always disconnect the power supply at the main circuit breaker before installation, maintenance, or cleaning.
- **Voltage:** Ensure the supply voltage matches the fixture's requirements (230 Volts).
- **Damage:** Do not operate the fixture if it is damaged. Contact customer support for assistance.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.
- **Indoor Use Only:** This product is designed for indoor use only.

3. PACKAGE CONTENTS

Please check that all components are present and undamaged:

- 1x LED Ceiling Panel (Model 16537-16-O)
- 1x Wireless Remote Control
- Mounting Hardware (screws, wall plugs)
- Instruction Manual

4. SETUP AND INSTALLATION

This LED ceiling panel is designed for flush mounting. Professional installation is recommended to ensure safety and proper functionality.

1. **Preparation:** Turn off the main power supply to the installation area at the circuit breaker.
2. **Mounting Location:** Choose a suitable location on the ceiling for installation.
3. **Marking:** Use the mounting bracket as a template to mark the drilling points on the ceiling.
4. **Drilling:** Drill holes at the marked points and insert appropriate wall plugs.
5. **Wiring:** Connect the electrical wires from the ceiling to the terminal block on the fixture. Ensure correct polarity (Live, Neutral, Earth).
6. **Mounting the Fixture:** Secure the fixture to the ceiling using the provided screws.
7. **Final Check:** Ensure all connections are secure and the fixture is firmly mounted.
8. **Power On:** Restore power at the main circuit breaker.

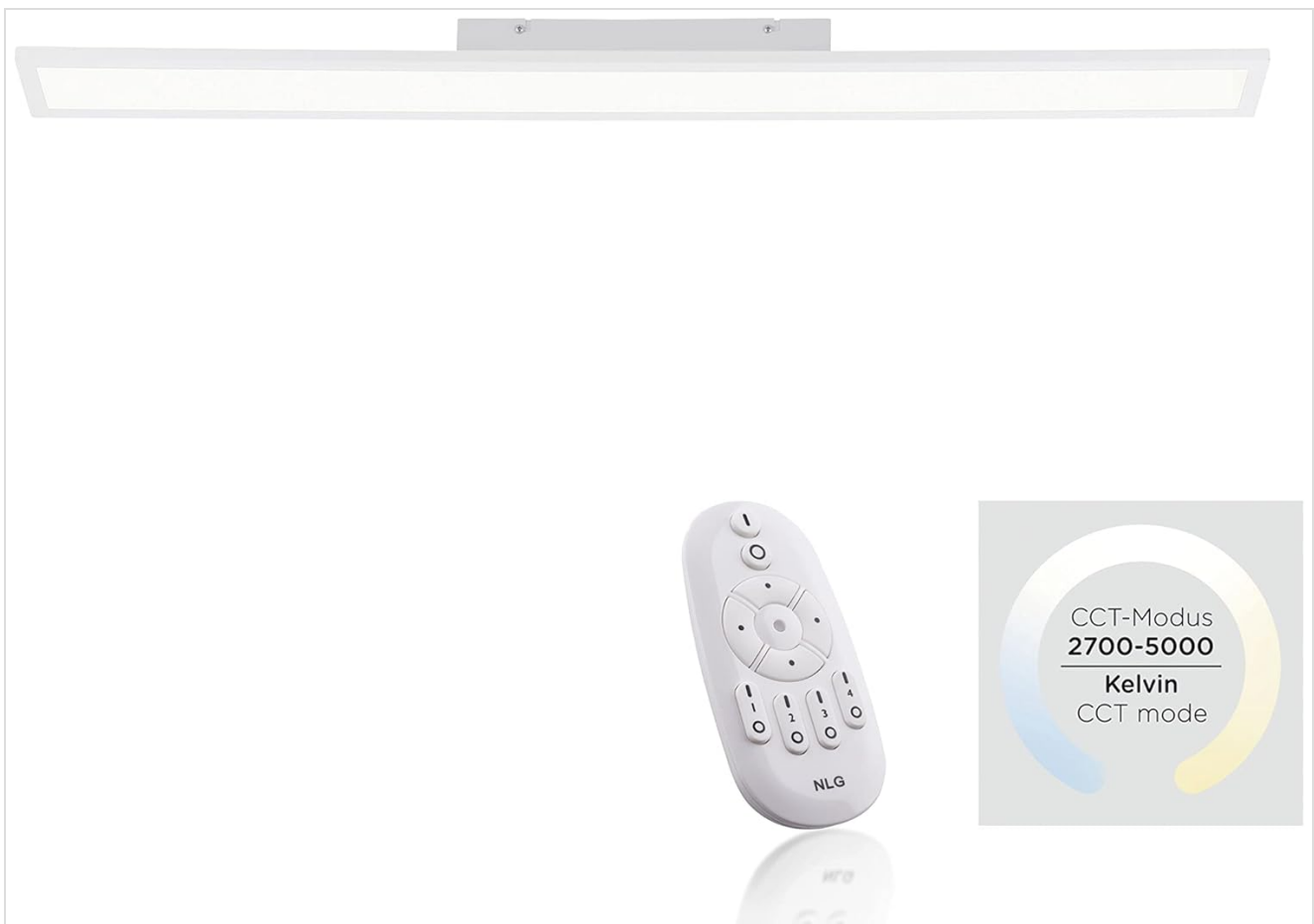


Figure 4.1: The Paul Neuhaus 16537-16-O LED Ceiling Panel. This image shows the sleek, minimalist design of the white LED panel, ready for ceiling installation.



Figure 4.2: Top view of the LED ceiling panel, illustrating the mounting points and the slim profile of the fixture.

5. OPERATING INSTRUCTIONS

The LED ceiling panel is operated using the included wireless remote control. The remote allows you to turn the light on/off, adjust brightness, and change the color temperature.



Figure 5.1: The wireless remote control for the LED ceiling panel, showing buttons for power, dimming, color temperature adjustment, and group control.

Remote Control Functions:

- **Power On/Off:** Press the 'All On' (I) button to turn the light on, and 'All Off' (O) to turn it off.
- **Dim Up/Down:** Use the 'Dim Up' (up arrow) and 'Dim Down' (down arrow) buttons to adjust the brightness level.
- **Color Temperature Control:**
 - **Warm White Control:** Press the 'Warm White Control' (left arrow) button to decrease the color

- temperature towards warmer tones (2700K).
- **Cold White Control:** Press the 'Cold White Control' (right arrow) button to increase the color temperature towards cooler, daylight tones (5000K).
 - **Memory Function:** The fixture retains the last brightness and color temperature setting when turned off and on again, even after power disconnection.
 - **Group Control:** The remote control may feature group buttons (1, 2, 3, 4) to control multiple compatible fixtures independently or simultaneously. Refer to specific pairing instructions if applicable.



Figure 5.2: The LED panel demonstrating its tunable white feature, displaying light from warm white to cool white.

6. MAINTENANCE

The Paul Neuhaus LED Ceiling Panel requires minimal maintenance.

- **Cleaning:** Ensure the power is off before cleaning. Wipe the surface of the panel with a soft, dry, or slightly damp cloth. Do not use harsh chemicals, abrasive cleaners, or sprays directly on the fixture.
- **LED Lifespan:** The integrated LED light source has a long lifespan and is not user-replaceable.

7. TROUBLESHOOTING

If you encounter issues with your LED ceiling panel, refer to the following common solutions:

- **Light does not turn on:**
 - Check if the main power supply is on.
 - Ensure the remote control batteries are functional and correctly inserted.
 - Verify that the fixture is properly wired and connected to the power supply.

- **Remote control not working:**
 - Replace the batteries in the remote control.
 - Ensure there are no obstructions between the remote control and the fixture.
 - If the remote control requires pairing, refer to specific pairing instructions (not provided in general product details).

- **Light flickers or dims unexpectedly:**
 - Check for stable power supply.
 - Ensure the fixture is not connected to an incompatible dimmer switch (the included remote is the primary dimming method).

If problems persist, contact a qualified electrician or customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	LeuchtenDirekt
Model Number	16537-16-O
Product Dimensions (L x W x H)	100 x 10 x 5 cm
Item Weight	1.7 Kilograms
Material	Plastic
Color	White
Style	Modern
Bulb Type	LED (Integrated)
Wattage	24.5 Watts
Luminous Flux	1450 lm
Color Temperature	2700K - 5000K (Tunable White)
Voltage	230 Volts
Special Features	Dimmable, Remote Control, Memory Function
Components Included	Remote control, Dimmer
Installation Type	Ceiling Mount / Flush Mount
Indoor/Outdoor Use	Indoor
Energy Label	F

9. WARRANTY AND SUPPORT

Specific warranty information for the Paul Neuhaus 16537-16-O LED Ceiling Panel is not provided in the product details. For warranty claims, technical support, or spare parts inquiries, please contact your retailer or the manufacturer, LeuchtenDirekt, directly.

Information regarding the availability of spare parts and guaranteed software updates is not available.

