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## Grundig 22235

# Grundig RGB LED Light Strip 22235 3m User Manual

Model: 22235

Brand: Grundig

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Grundig RGB LED Light Strip, Model 22235. This 3-meter self-adhesive LED strip features 180 high-performance SMD 3528 LEDs, offering a wide range of RGB colors and dynamic lighting effects controlled by an included remote. Designed for both indoor and outdoor use (IP65 rated), it allows for flexible and decorative lighting solutions.

Please read this manual thoroughly before using the product to ensure safe and optimal performance.

## 2. SAFETY INSTRUCTIONS

- Ensure the power supply is disconnected before installation or maintenance.
- Do not expose the LED strip or power supply to extreme temperatures or direct sunlight for prolonged periods.
- Avoid bending the LED strip sharply, as this may damage the internal circuitry.
- Do not cut the LED strip at any point other than the designated cutting marks. Cutting elsewhere will damage the strip and void the warranty.
- Keep the remote control battery (CR 2035) away from children. If swallowed, seek immediate medical attention.
- This product is rated IP65, meaning it is protected against dust ingress and low-pressure water jets from any direction. It is suitable for outdoor use but should not be submerged in water.
- Use only the provided power adapter. Using an incompatible adapter may damage the product or pose a safety risk.

## 3. PACKAGE CONTENTS

Verify that all items listed below are present and in good condition:

- 1x Grundig RGB LED Light Strip (3 meters)
- 1x RGB Remote Control (with 1x CR 2035 battery included)
- 1x Power Adapter (100-240V input, 12V/1A output)

FLEXIBLE LED STRIP  
FLEXIBLER LED-STREIFEN  
RÉGLETTE DEL FLEXIBLE  
FLEXIBELE LED-STRIP

- Self-adhesive	- Selbstklebend	- Auto-adhésive	- zelfklevend
- Waterproof strip	- Wasserfester streifen	- Réglète étanche	- waterbestendige strip
- Energy efficient	- Stromsparende	- Éco-énergétique	- Energie-efficiënt
- High intensity led's	- Hochleistungs-leds	- DEL haute intensité	- LED's met hoge intensiteit
- Incl RGB remote control	- Inkl. RGB-fernbedienung	- Télécommande RGB incluse	- incl. RGB afstandsbediening



FOR A GOOD REASON

**GRUNDIG**

220-240v/50Hz



Image 1: The Grundig RGB LED Light Strip packaging, showing the coiled LED strip, the remote control, and product specifications.

## 4. SETUP AND INSTALLATION

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- 1. Prepare the Surface:** Clean the desired installation surface thoroughly. Ensure it is dry, smooth, and free of dust, oil, or grease for optimal adhesion.
- 2. Measure and Cut (Optional):** If a shorter length is required, locate the designated cutting marks on the LED strip. These are typically indicated by a copper pad and a scissor icon. Cut only at these marks. **Warning:** Cutting at any other point will damage the strip permanently.
- 3. Apply the LED Strip:** Carefully peel off the protective backing from the adhesive tape on the back of the LED strip. Press the strip firmly onto the prepared surface, ensuring even contact along its entire length.
- 4. Connect the Power Adapter:** Connect the LED strip's connector to the power adapter's output. Then, plug the power adapter into a standard electrical outlet (220-240V).
- 5. Remote Control Battery:** The remote control comes with a pre-installed CR 2035 button cell battery. If the remote does not respond, check if the battery tab needs to be removed or if the battery needs replacement.

## 5. OPERATING INSTRUCTIONS

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The Grundig RGB LED Light Strip is controlled using the included infrared remote control. Ensure the remote is pointed towards the receiver on the LED strip's power cable for proper function.



Image 2: A close-up view of the remote control for the RGB LED strip, showing buttons for power, brightness, color selection, and dynamic modes.

## Remote Control Functions:

- **ON/OFF:** Press the **ON** button to turn the strip on, and the **OFF** button to turn it off.
- **Brightness Adjustment:** Use the **Sun Up** and **Sun Down** buttons to increase or decrease the brightness of the LEDs.
- **Color Selection:** Press any of the 20 color buttons (e.g., **R**, **G**, **B**, **W**, etc.) to select a static color.
- **Dynamic Modes:**
  - **FLASH:** Cycles through colors rapidly.
  - **STROBE:** Flashes a single color.
  - **FADE:** Smoothly transitions between colors.
  - **SMOOTH:** Gradually changes between colors.

## 6. MAINTENANCE

- **Cleaning:** Ensure the power is off and unplugged before cleaning. Gently wipe the LED strip with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Remote Control Battery Replacement:** If the remote control stops responding, the CR 2035 button cell battery may need replacement. Open the battery compartment on the back of the remote, remove the old battery, and insert a new one with the correct polarity (+ side up).
- **Storage:** If storing the LED strip for an extended period, ensure it is clean and dry. Store it in a cool, dry place away from direct sunlight.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
LED strip does not light up.	<ul style="list-style-type: none"> <li>◦ Power adapter not plugged in.</li> <li>◦ LED strip not connected to adapter.</li> <li>◦ Remote control battery is dead or tab not removed.</li> <li>◦ Remote control not pointed at receiver.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Ensure power adapter is securely plugged into an active outlet.</li> <li>◦ Verify the LED strip is correctly connected to the power adapter.</li> <li>◦ Remove battery tab or replace CR 2035 battery in remote.</li> <li>◦ Point the remote directly at the IR receiver on the power cable.</li> </ul>
Remote control is unresponsive.	<ul style="list-style-type: none"> <li>◦ Battery is low or dead.</li> <li>◦ Obstruction between remote and receiver.</li> <li>◦ Remote is too far from the receiver.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Replace the CR 2035 battery.</li> <li>◦ Ensure a clear line of sight between the remote and the IR receiver.</li> <li>◦ Move closer to the LED strip's receiver.</li> </ul>
Colors are incorrect or inconsistent.	<ul style="list-style-type: none"> <li>◦ Loose connection.</li> <li>◦ Damage to the LED strip.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Check all connections for secure fit.</li> <li>◦ Inspect the LED strip for any visible damage or sharp bends.</li> </ul>

## 8. SPECIFICATIONS

- **Model:** 22235
- **Strip Length:** 3 meters
- **Strip Width:** Approximately 8 mm
- **LED Type:** SMD 3528
- **Number of LEDs:** 180 LEDs (60 LEDs per meter)
- **Power Consumption:** Approximately 4.8 W/meter
- **Input Voltage (Power Adapter):** 100-240V AC, 50 Hz
- **Output Voltage (Power Adapter):** 12V DC, 1A
- **IP Rating:** IP65 (Dust tight, protected against low-pressure water jets)
- **Special Features:** RGB Color Change, Dimmable, Self-adhesive, Flexible, Cuttable
- **Remote Control Battery:** 1x CR 2035 Lithium Metal (included)
- **Operating Temperature:** Not specified (general recommendation: avoid extremes)

- **Usage:** Suitable for indoor and outdoor applications

## 9. WARRANTY AND SUPPORT

Information regarding product warranty and customer support was not provided in the source data. Please refer to your point of purchase or the manufacturer's official website for details on warranty coverage and support options.

### Related Documents - 22235

	<p><a href="#"><b>Manuel d'utilisation Lecteur DVD GRUNDIG GDP 7700</b></a></p> <p>Guide complet pour le lecteur DVD GRUNDIG GDP 7700. Découvrez comment installer, utiliser toutes les fonctionnalités, régler les paramètres audio et vidéo, et résoudre les problèmes courants de votre appareil.</p>
	<p><a href="#"><b>Grundig VCH 9530 Cordless Stick Vacuum Cleaner User Manual</b></a></p> <p>Comprehensive user manual for the Grundig VCH 9530 cordless stick vacuum cleaner, covering setup, operation, maintenance, troubleshooting, and technical specifications. Learn how to use and care for your Grundig vacuum for optimal performance.</p>
	<p><a href="#"><b>Grundig Sonoclock 3500 User Manual: DAB Radio, Bluetooth, and Alarm Clock Features</b></a></p> <p>This user manual provides comprehensive instructions for the Grundig Sonoclock 3500 clock radio, covering setup, safety, DAB/FM radio tuning, Bluetooth connectivity, alarm functions, timer settings, and technical specifications. Learn how to operate your Grundig Sonoclock 3500 effectively.</p>
	<p><a href="#"><b>GRUNDIG GTR9100 Trockner Bedienungsanleitung und Benutzerhandbuch</b></a></p> <p>Umfassende Bedienungsanleitung für den GRUNDIG GTR9100 Wäschetrockner. Enthält detaillierte Informationen zur Installation, sicheren Bedienung, Wartung, Fehlerbehebung und technischen Spezifikationen.</p>
	<p><a href="#"><b>Grundig PS 2010 Digital Body Weight Scale User Manual</b></a></p> <p>User manual for the Grundig PS 2010 Digital Body Weight Scale, providing instructions on setup, operation, safety, cleaning, storage, and warranty information.</p>

**GRUNDIG**

Robot Süpürge

Kullanım Kılavuzu



VCR7230

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### [Grundig Robot Süpürge VCR 7230 Kullanım Kılavuzu](#)

Grundig Robot Süpürge VCR 7230 için kapsamlı kullanım kılavuzu. Güvenlik talimatları, kurulum, kullanım, bakım ve sorun giderme bilgileri içerir.