RedThunder 61-Key Wireless Mechanical Keyboard

RedThunder 60% Wireless Mechanical Keyboard User Manual

Model: 61-Key Wireless Mechanical Keyboard

1. INTRODUCTION

This manual provides detailed instructions for the RedThunder 60% Wireless Mechanical Keyboard. This compact 61-key keyboard offers both 2.4G wireless and wired connectivity, RGB backlighting, and durable mechanical switches, designed for a versatile user experience.

Image: The RedThunder 60% Wireless Mechanical Keyboard, showcasing its compact design, RGB backlighting, and the included 2.4G USB receiver.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- RedThunder 60% Wireless Mechanical Keyboard
- 2.4G USB Receiver
- USB-C to USB-A Cable
- User Manual

3. PRODUCT FEATURES

- **Dual Modes with Reliable Connection:** Supports both 2.4G wireless and wired (USB-C) connectivity for versatile use. The 2.4G wireless solution offers stable, low-latency performance.
- **60% Compact Layout:** A 61-key ultra-compact design saves desktop space while retaining essential functionality.
- **Long-lasting Battery:** Equipped with an 1850mAh rechargeable battery, providing approximately 20 hours of continuous use with the lightest backlight setting. Features a smart power-saving function that activates sleep mode after 60 seconds of inactivity, extending standby time up to 500 hours.
- **True RGB Backlit Keyboard:** Offers 16.8 million colors with 20 dynamic preset lighting effects. Brightness and breathing speed are adjustable. Lowering brightness can extend battery life.
- **Brown Switches & PBT Keycaps:** Features Brown mechanical switches, known for a tactile bump that is quieter and easier to trigger than Blue switches, suitable for both typing and gaming. The keyboard is equipped with durable PBT keycaps.

Image: Visual representation of the keyboard's 2.4G wireless stable connection features, including RGB lighting, USB charging, 2.4G connectivity, and a 10-minute dormancy feature.

4. SETUP

4.1. Wireless Connection (2.4G)

1. Locate the 2.4G USB receiver. It is typically stored in a compartment on the bottom of the keyboard.
2. Plug the 2.4G USB receiver into an available USB port on your computer.
3. Ensure the keyboard's power switch (usually located on the side or bottom) is in the 'ON' position.
4. The keyboard should automatically connect to your computer. If not, press**Fn + P** to initiate pairing.

Image: A close-up view illustrating the location of the 2.4Ghz USB receiver storage slot on the underside of the keyboard.

4.2. Wired Connection

1. Connect one end of the provided USB-C cable to the USB-C port on the keyboard.
2. Connect the other end of the USB-A cable to an available USB port on your computer.
3. The keyboard will automatically switch to wired mode and begin charging.

Image: A visual guide demonstrating both wireless mode (via 2.4G receiver) and wired mode (via USB-C cable) connection options for the keyboard.

4.3. Charging the Keyboard

To charge the keyboard, connect it to your computer or a USB power adapter using the provided USB-C cable. The charging port is located on the keyboard's side or back. An indicator light may show charging status.

Image: A detailed view of the keyboard's side, highlighting the USB-C charging port and the power ON/OFF switch.

5. OPERATING INSTRUCTIONS

5.1. Keyboard Layout

The RedThunder 60% keyboard features a compact 61-key layout. Many standard functions are accessed via the Function (Fn) key in combination with other keys.

Image: An overview of the 61-key keyboard layout, emphasizing its compact nature and key features like RGB backlighting and wireless capability.

5.2. Function Key (Fn) Combinations

To access secondary functions, press and hold the **Fn** key, then press the desired key:

- **Fn + 1-0, -, =:** F1-F12 keys (depending on specific model mapping)
- **Fn + P:** Pair 2.4G wireless receiver (if connection is lost)
- **Fn + \|:** Switch backlight mode
- **Fn + [{:** Decrease backlight brightness

- **Fn +]}:** Increase backlight brightness
- **Fn + ;::** Decrease backlight speed
- **Fn + '":** Increase backlight speed
- **Fn + <, >:** Volume control (Mute, Vol-, Vol+)
- **Fn + Win:** Lock/Unlock Windows key

5.3. Backlight Control

The keyboard features extensive RGB backlighting. Use the following combinations to customize:

- **Fn + \|:** Cycle through 20 different backlight modes.
- **Fn + [{:** Decrease backlight brightness (4 levels).
- **Fn +]}:** Increase backlight brightness (4 levels).
- **Fn + ;::** Decrease backlight animation speed.
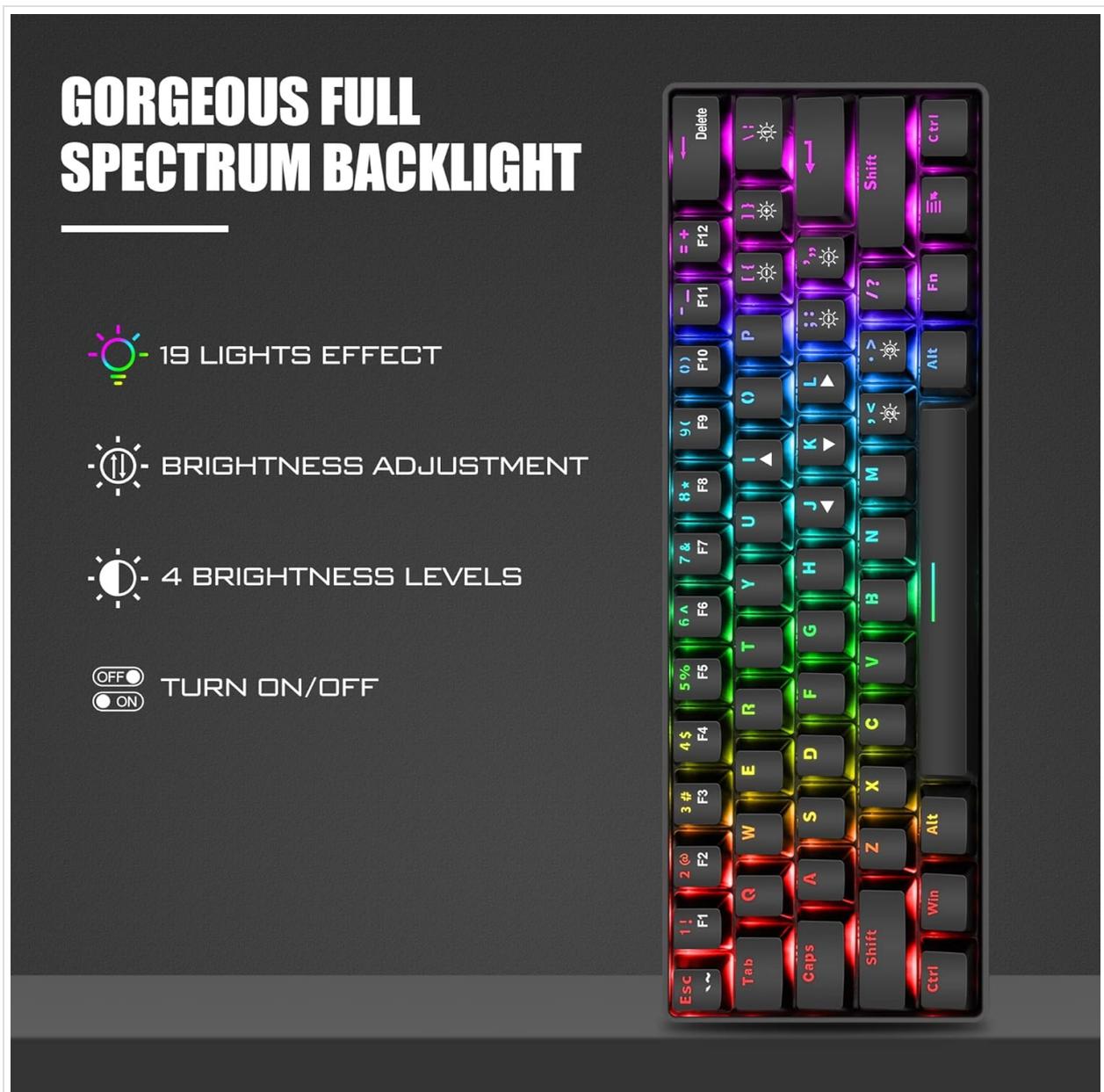- **Fn + '":** Increase backlight animation speed.

Image: An illustration detailing the keyboard's backlight customization options, including the number of effects, brightness levels, and the ability to turn the backlight on or off.

6. MAINTENANCE

To ensure the longevity and optimal performance of your keyboard:

- **Cleaning:** Use a soft, dry cloth to wipe the keyboard surface. For deeper cleaning, use compressed air to remove dust and debris from between the keycaps. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Avoid fully discharging the battery frequently. Charge the keyboard regularly, especially if it will be stored for an extended period.

7. TROUBLESHOOTING

- **Keyboard not responding (Wireless):**
  - Ensure the keyboard is powered on.
  - Check if the 2.4G USB receiver is securely plugged into a working USB port.
  - Recharge the keyboard battery.
  - Try re-pairing by pressing **Fn + P**.
  - Test on a different USB port or computer.

- **Keyboard not responding (Wired):**
  - Ensure the USB-C cable is securely connected to both the keyboard and the computer.
  - Try a different USB port or cable.

- **Backlight not working or dim:**
  - Increase backlight brightness using **Fn +]}**.
  - Recharge the keyboard battery, as low battery can affect backlight performance.
  - Cycle through backlight modes using **Fn + \|**.

- **Keys not registering or double-typing:**
  - Clean under the keycaps to remove any debris.
  - Ensure the keyboard is fully charged.
  - If using wireless, ensure the receiver is not obstructed and is close to the keyboard.

8. SPECIFICATIONS

Brand	RedThunder
Model	61-Key Wireless Mechanical Keyboard
Connectivity Technology	2.4G Wireless, USB-C Wired
Key Layout	61 Keys (60% Compact)
Switch Type	Brown Mechanical Switches
Keycap Material	Polybutylene Terephthalate (PBT)
Backlighting	True RGB (16.8 million colors, 20 dynamic presets)
Battery Capacity	1850mAh

Battery Life (Lightest Backlight)	Approx. 20 hours
Standby Time	Up to 500 hours
Compatible Devices	PC
Item Weight	1.59 pounds
Package Dimensions	12.56 x 5.63 x 2.13 inches

9. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your RedThunder 60% Wireless Mechanical Keyboard, please refer to the contact information provided with your purchase or visit the official RedThunder website. Keep your purchase receipt for warranty claims.