Logitech 920-010552

Logitech MX Mechanical Mini Wireless Illuminated Keyboard User Manual

Model: 920-010552

Brand: Logitech

Overview   Setup   Operation   Features   Maintenance   Troubleshooting   Specifications   Support

1. PRODUCT OVERVIEW

The Logitech MX Mechanical Mini is a compact wireless illuminated keyboard designed for precision and performance. It features low-profile mechanical switches, smart illumination, and multi-device connectivity. This manual provides instructions for setting up, operating, and maintaining your keyboard.

Figure 1.1: The Logitech MX Mechanical Mini Wireless Illuminated Keyboard, showcasing its compact design and key layout.

2. Setup and Initial Connection

2.1. Charging the Keyboard

Before initial use, fully charge the keyboard using the provided USB-C cable. Connect one end to the keyboard's USB-C port and the other to a USB power source (e.g., computer, wall adapter).

Figure 2.1: The keyboard connected via USB-C for charging, with the charging indicator light visible.

2.2. Connecting via Logi Bolt Receiver

1. Locate the Logi Bolt USB receiver in the product packaging.

2. Plug the Logi Bolt receiver into an available USB port on your computer.

3. Turn on the keyboard. The keyboard should automatically pair with the receiver.

2.3. Connecting via Bluetooth Low Energy

1. Turn on the keyboard.

2. Press and hold one of the Easy-Switch keys (F1, F2, or F3) for 3 seconds until the LED indicator on the key starts blinking rapidly. This indicates the keyboard is in pairing mode.

3. On your device (computer, tablet, or phone), open Bluetooth settings and select "MX Mechanical Mini" from the list of available devices.

4. Follow any on-screen prompts to complete the pairing process. The LED on the Easy-Switch key will glow solid for 5 seconds to confirm successful connection.

Note: If FileVault is enabled on your macOS computer, you might need to use the Logi Bolt USB Receiver to enter your password at start or reboot when connected via Bluetooth.

3. Operating Instructions

3.1. Key Functions

The keyboard features standard alphanumeric keys, function keys (F1-F12), and navigation keys. Many function keys have secondary actions accessible by pressing the **Fn** key simultaneously.

3.2. Smart Illumination

The keyboard's backlighting automatically adjusts to ambient lighting conditions. Keys illuminate when your hands approach the keyboard. You can manually adjust brightness or disable backlighting using the dedicated function keys (typically F5 and F6).

Figure 3.1: The keyboard's smart backlighting feature, illuminating keys in a dim environment.

3.3. Easy-Switch Functionality

The Easy-Switch keys (F1, F2, F3) allow you to seamlessly switch between up to three paired devices. Press the desired Easy-Switch key to connect to the corresponding device.

3.4. Logi Options+ Software

For advanced customization, download and install the Logi Options+ software (available for Windows and macOS). This software allows you to:

- Customize Fn keys.
- Assign backlighting effects.
- Enable Flow cross-computer control for multi-device workflows.

Figure 3.2: The Logi Options+ software interface, demonstrating customization options for the MX Mechanical Mini keyboard.
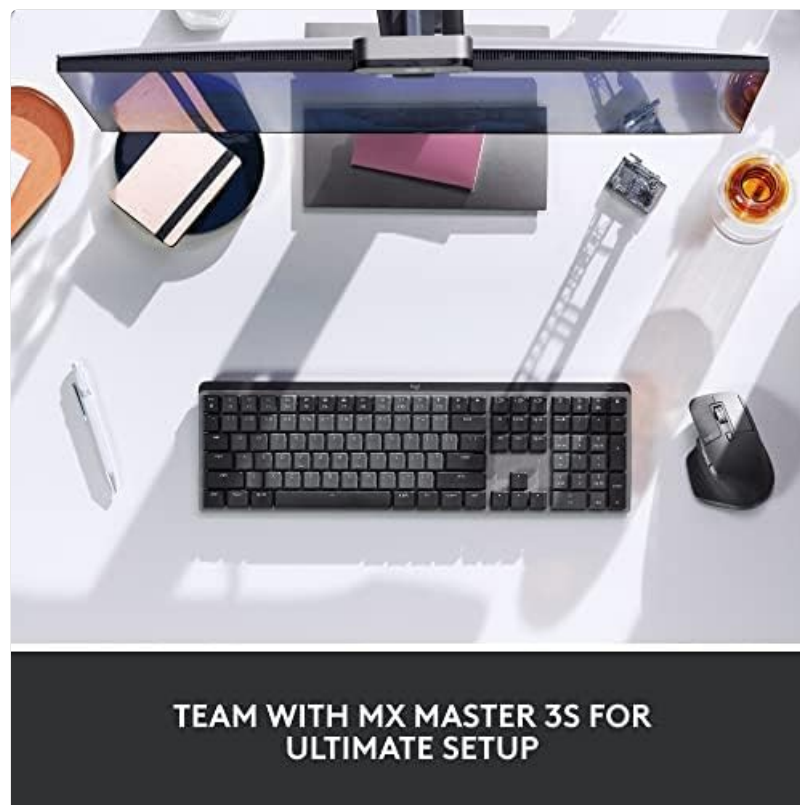

Figure 3.3: Illustration of the Logitech Flow feature, enabling seamless typing and cursor movement between multiple computers.

4. KEY FEATURES

4.1. Mechanical Key Switches

The MX Mechanical Mini offers a choice of low-profile mechanical key switches:

- **Clicky:** Provides a gratifying, audible click and tactile feedback with each keystroke.
- **Tactile Quiet:** Offers a satisfying tactile bump for precise feedback and reactive key reset, with reduced noise.
- **Linear:** Delivers uninterrupted key travel and minimal spring force for fast reactivity and ultra-smooth typing.

Figure 4.1: Visual representation of the three available mechanical switch types: Linear, Tactile Quiet, and Clicky.

4.2. Low-Profile Design

The keyboard features a low-profile design for enhanced ergonomic comfort and a sleek aesthetic.

Figure 4.2: A side profile view of the keyboard, highlighting its low-profile key design for comfortable typing.

4.3. Multi-Device and Multi-OS Compatibility

Pair the keyboard with up to 3 devices across various operating systems including Windows, macOS, Linux, Chrome OS, iOS, and Android, using either Bluetooth Low Energy or the Logi Bolt receiver.

4.4. USB-C Quick Charging

The integrated rechargeable Li-Po (1500 mAh) battery provides extended usage. A full charge can last up to 15 days with backlighting on, or up to 10 months with backlighting off.

4.5. Sustainable Design

The keyboard incorporates certified post-consumer recycled plastic (47% in Graphite models) and features low-carbon aluminum in its construction, reflecting a commitment to environmental responsibility.
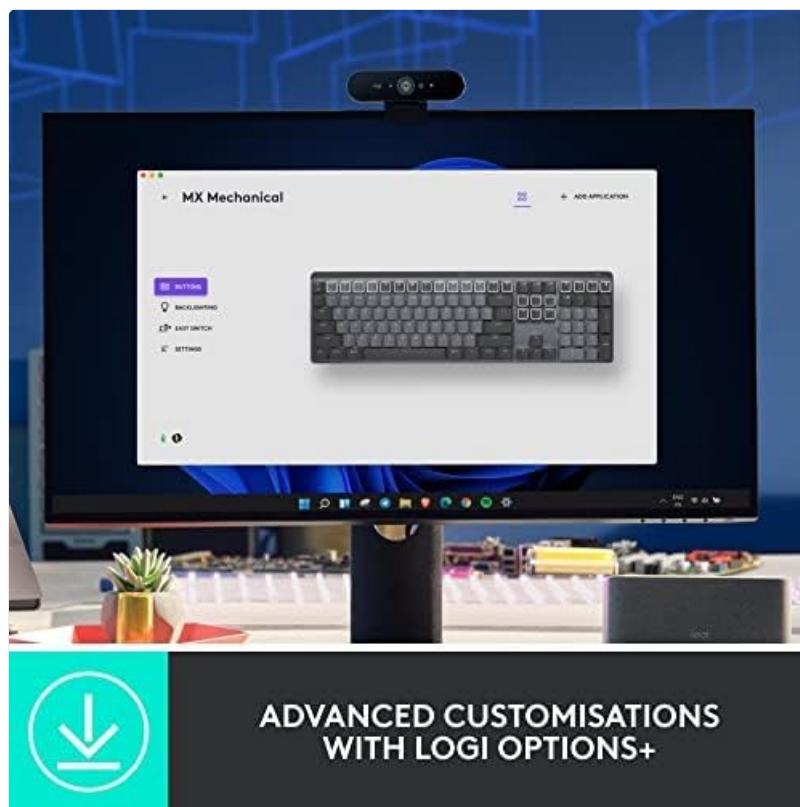
Figure 4.3: Icons illustrating the keyboard's sustainable design elements: use of recycled plastic, low-carbon aluminum, and smart battery efficiency.

5. MAINTENANCE AND CARE

5.1. Cleaning

- Disconnect the keyboard from all devices and power sources before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the keycaps and surface.
- Avoid using abrasive cleaners, solvents, or aerosol sprays directly on the keyboard.
- For dust and debris between keys, use compressed air.

5.2. Battery Care

- To maximize battery lifespan, avoid fully discharging the battery frequently.
- Store the keyboard in a cool, dry place when not in use for extended periods.

6. TROUBLESHOOTING

Issue	Possible Cause	Solution
Keyboard not connecting via Bluetooth	Keyboard not in pairing mode; device Bluetooth off; interference.	Ensure keyboard is in pairing mode (blinking Easy-Switch LED). Check device Bluetooth settings. Move closer to the device. Try reconnecting via Logi Bolt receiver.

Issue	Possible Cause	Solution
Keyboard not responding	Low battery; connection lost; keyboard turned off.	Charge the keyboard. Re-establish connection (Bluetooth or Logi Bolt). Ensure keyboard is powered on.
Backlighting not working or dim	Backlighting disabled; low battery; ambient light too bright.	Adjust backlighting brightness using F5/F6 keys. Charge the keyboard. The smart illumination feature may dim lights in bright environments.
Keys not registering or double-typing	Debris under keycap; software issue; faulty switch.	Use compressed air to clean around the key. Update Logi Options+ software. If issue persists, contact support.
Cannot enter password on macOS startup (Bluetooth)	FileVault encryption enabled.	Use the Logi Bolt USB Receiver for initial login or connect a wired keyboard.

7. TECHNICAL SPECIFICATIONS

- **Model:** 920-010552
- **Dimensions (including keycaps):** 1.02 x 12.3 x 5.17 inches (26.1 x 312.6 x 131.55 mm)
- **Weight:** 21.5 oz (612 g)
- **Connectivity:** Bluetooth Low Energy, Logi Bolt USB Receiver
- **Battery:** Rechargeable Li-Po (1500 mAh)
- **Battery Life:** Up to 15 days (backlighting on), up to 10 months (backlighting off)
- **Charging Port:** USB-C
- **Key Switches:** Low-profile mechanical (Clicky, Tactile Quiet, or Linear options)
- **Operating System Compatibility:** Windows, macOS, Linux, Chrome OS, iOS, iPadOS, Android
- **Material:** Plastic parts include certified post-consumer recycled plastic (Graphite: 47%), low-carbon aluminum.

8. WARRANTY AND SUPPORT

8.1. Warranty Information

This product comes with a limited hardware warranty. Please refer to the warranty documentation included with your purchase or visit the official Logitech website for detailed terms and conditions.

8.2. Customer Support

For further assistance, technical support, or to download the latest version of Logi Options+ software, please visit the official Logitech support website:
www.logitech.com/support
You can also find additional resources and FAQs on the Logitech brand store on Amazon:
Logitech Amazon Store

Related Documents - 920-010552

[Logitech MX Mechanical Mini: Getting Started Guide](#)
A concise guide to setting up and using the Logitech MX Mechanical Mini keyboard, covering connection methods, software, smart backlighting, and Logitech Flow.

[Logitech MX Mechanical Mini Getting Started Guide](#)
A comprehensive guide to setting up and using the Logitech MX Mechanical Mini keyboard, including connection options, software installation, backlighting features, and multi-device functionality.

[Logitech MX Keys Advanced Wireless Illuminated Keyboard](#)
Discover the Logitech MX Keys, an advanced wireless illuminated keyboard designed for efficiency, stability, and precision. Featuring perfect-stroke keys, smart illumination, and multi-device connectivity for a seamless workflow.

[Logitech MX Keys Advanced Wireless Keyboard Setup and Features Guide](#)
A comprehensive guide to setting up and using the Logitech MX Keys Advanced Wireless Illuminated Keyboard, covering quick setup, detailed setup, pairing, software installation, multi-OS compatibility, battery status, smart backlighting, and Logitech Flow.

[Getting Started with Logitech MX Keys S Keyboard](#)
A comprehensive guide to setting up and using the Logitech MX Keys S keyboard, covering quick setup, detailed setup, product overview, multi-OS compatibility, battery status, smart backlighting, and Logitech Flow.

[Logitech MX Keys S Advanced Wireless Illuminated Keyboard](#)
Experience fluid, precise typing with the Logitech MX Keys S Advanced Wireless Illuminated Keyboard. Featuring smart illumination, customizable Smart Actions, multi-device connectivity, and sustainable design with recycled plastics and low-carbon aluminum, it's engineered for comfort and productivity across Windows, macOS, Linux, ChromeOS, iPadOS, and Android.