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ELECOM M-BY10BRBK

ELECOM Bluetooth 3-Button S-Size Mouse M-BY10BRBK User Manual

Model: M-BY10BRBK

Brand: ELECOM

1. INTRODUCTION

This manual provides essential information for the proper use and maintenance of your ELECOM Bluetooth 3-Button S-Size Mouse, model M-BY10BRBK. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

The M-BY10BRBK is a compact IR LED mouse compliant with Bluetooth 5.0. It features a low power consumption infrared LED, allowing for approximately 10 months of use without battery replacement. The mouse offers a 1300 count resolution for smooth operation and a symmetrical design suitable for both right-handed and left-handed users.

2. SAFETY INFORMATION

- Do not expose the mouse to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping the mouse or subjecting it to strong impacts.
- Keep the mouse away from water and other liquids.
- Do not attempt to disassemble or modify the mouse. This may void the warranty and cause damage.
- Dispose of batteries according to local regulations. Do not mix old and new batteries or different types of batteries.
- The infrared LED emits invisible light. Avoid direct eye exposure.

3. PACKAGE CONTENTS

Please ensure all items are present in the package:

- ELECOM Bluetooth 3-Button S-Size Mouse (M-BY10BRBK)

- AAA Alkaline Battery (for trial use)
- User Manual (this document)

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your ELECOM Bluetooth mouse.





Figure 4.1: Top view of the ELECOM Bluetooth 3-Button S-Size Mouse M-BY10BRBK, showing the left button, right button, and scroll wheel.

省電力設計

Bluetooth Low Energy と赤外線 LED を使用し
単4電池 1 本で約 10 か月電池交換不要です



Figure 4.2: Bottom view of the mouse, highlighting the ON/OFF switch and the pairing button. This image also illustrates the power-saving design, indicating approximately 10 months of battery life with one AAA battery.

Key Components:

- **Left Button:** Primary click function.
- **Right Button:** Secondary click function (context menu).
- **Scroll Wheel:** For vertical scrolling and middle-click function.
- **Power Switch:** Located on the bottom of the mouse to turn it ON or OFF, conserving battery when not in use.

use.

- **Pairing Button:** Used to initiate Bluetooth pairing mode.
- **Battery Compartment:** Holds one AAA battery.
- **Battery Level Indicator Lamp:** Notifies when battery replacement is needed.

5. SETUP INSTRUCTIONS

5.1. Battery Installation

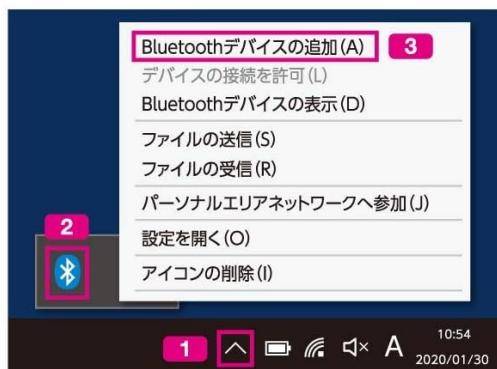
1. Open the battery compartment cover on the bottom of the mouse.
2. Insert one AAA alkaline battery, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

5.2. Bluetooth Pairing

The ELECOM M-BY10BRBK mouse connects wirelessly via Bluetooth 5.0. No receiver is required for Bluetooth HOGP compatible devices.

かんたん接続

1. Bluetooth の設定画面を開く



2. デバイスの検索を開始する



3. ペアリングボタンを長押しする



4. ELECOM IR Mouse を選択する



※画像はPCでの接続方法になります。

Figure 5.1: Visual guide for Bluetooth pairing. This image shows the process on a PC, but the general steps apply to other compatible devices.

1. Turn on the mouse using the power switch on the bottom.
2. On your computer, tablet, or smartphone, open the Bluetooth settings.
3. Initiate a device search within your Bluetooth settings.
4. Press and hold the pairing button on the bottom of the mouse for approximately 3 seconds until the LED indicator starts blinking, indicating it is in pairing mode.
5. From the list of available devices on your screen, select "ELECOM IR Mouse".
6. Once connected, the LED indicator on the mouse will stop blinking or turn off, and your device will confirm the successful pairing.

Compatibility: This mouse is compatible with Windows 11, Windows 10, Windows 8.1, Android 7-10, macOS Catalina (10.15), iOS/iPadOS 13.4. Ensure your operating system is updated to the latest version for optimal compatibility.

Macbook / iPad でも使える

Mac OS,iOS,iPadOS,Android などポートのない
機器でも使える Bluetooth5.0 接続です



※Bluetooth®HOGP に対応の機器で使用可能です。

Figure 5.2: The mouse is compatible with various devices including Mac OS, iOS, iPadOS, and Android, making it suitable for devices without traditional USB ports.

6. OPERATING INSTRUCTIONS

After successful pairing, your ELECOM Bluetooth mouse is ready for use.

6.1. Basic Functions

- **Moving the Cursor:** Move the mouse across a flat surface to control the cursor on your screen.
- **Left Click:** Press the left button to select items, open links, or activate functions.
- **Right Click:** Press the right button to open context menus or access secondary functions.
- **Scroll:** Roll the scroll wheel up or down to navigate through documents or web pages.
- **Middle Click:** Press the scroll wheel down to activate middle-click functions (e.g., opening links in new tabs).

6.2. Symmetrical Design

The mouse features a symmetrical design, ensuring comfortable use for both right-handed and left-handed individuals.

シンメトリー・デザイン

右利き・左利きを問わず
使いやすい左右対称デザインです



Figure 6.1: The symmetrical design ensures ease of use for both right-handed and left-handed users.

7. MAINTENANCE

7.1. Cleaning

- Ensure the mouse is turned off before cleaning.
- Use a soft, dry cloth to wipe the surface of the mouse.

- For stubborn dirt, slightly dampen the cloth with water or a mild cleaning solution, then wipe dry immediately.
- Do not use abrasive cleaners, solvents, or aerosol sprays.

7.2. Battery Replacement

When the battery level indicator lamp signals low battery, replace the AAA battery as described in Section 5.1. The mouse is designed for approximately 10 months of use on a single AAA battery.

8. TROUBLESHOOTING

If you encounter issues with your mouse, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Mouse does not respond.	Power is off, battery is dead, or not paired.	Ensure the power switch is ON. Replace the battery. Re-pair the mouse with your device (see Section 5.2).
Cursor movement is erratic or slow.	Dirty sensor, unsuitable surface, or low battery.	Clean the optical sensor. Use the mouse on a clean, non-reflective surface. Replace the battery.
Cannot pair the mouse.	Bluetooth on device is off, mouse is not in pairing mode, or device is not compatible.	Ensure Bluetooth is enabled on your device. Make sure the mouse is in pairing mode (blinking LED). Check device compatibility (see Section 5.2). Try restarting both the mouse and your device.
Connection drops frequently.	Interference, distance, or low battery.	Move closer to your device. Avoid using near other wireless devices that may cause interference. Replace the battery.

9. SPECIFICATIONS

Detailed technical specifications for the ELECOM Bluetooth 3-Button S-Size Mouse M-BY10BRBK.

Feature	Specification
Model Number	M-BY10BRBK
Connectivity	Bluetooth 5.0 Class2 / Profile: HOGP (HID Over GATT Profile)
Compatible OS	Windows 11, Windows 10, Windows 8.1, Android 7-10, macOS Catalina (10.15), iOS/iPadOS 13.4 (Latest OS versions and service packs may be required)
Resolution	1300 counts
Communication Method	GFSK method

Feature	Specification
Radio Frequency	2.4GHz band
Radio Wave Reach	Non-magnetic surfaces (e.g., wooden desk): approx. 10m; Magnetic surfaces (e.g., steel desk): approx. 3m (ELECOM test values, not guaranteed)
Reading Method	Optical sensor method (IR LED)
Number of Buttons	3 buttons (including scroll wheel button)
Number of Wheels	1 wheel
Continuous Operation Time	Approx. 153 hours
Continuous Standby Time	Approx. 500 days
Estimated Battery Usage Period	Approx. 309 days (When operating the mouse for 5% of 8 hours of PC operation per day)
Power Source	One AAA alkaline battery, AAA manganese battery, or AAA nickel-metal hydride battery
Color	Black
External Dimensions (Mouse Body)	Width 52.7mm × Depth 92.1mm × Height 36.4mm
Size Classification	S-size
Mass (Mouse Body)	Approx. 59g (including battery)

10. WARRANTY AND SUPPORT

ELECOM products are designed for reliability and performance. For warranty information, please refer to the documentation included with your purchase or visit the official ELECOM website.

Customer Support:

For inquiries regarding this product, please contact the ELECOM General Information Center:

Telephone: 0570-084-465

FAX: 0570-050-012

Reception Hours: 10:00 - 19:00 (Open all year round)

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Related Documents - M-BY10BRBK

	<p><u>ELECOM M-RT1DRBK Ergonomic Mouse - User Manual and Safety Guide</u></p> <p>Official user manual and safety information for the ELECOM M-RT1DRBK ergonomic computer mouse. Learn about connection, features, and important safety precautions. This guide consolidates information from various language versions into a primary English document.</p>
	<p><u>ELECOM Wired Mouse User Manual - Setup, Features, and Troubleshooting</u></p> <p>Comprehensive user manual for ELECOM wired mice (M-XGS31UBSK, M-XGM31UBSK, M-XGL31UBSK, M-XGXL31UBSK series). Learn how to connect, customize buttons, adjust settings for Windows, macOS, and ChromeOS, and find troubleshooting tips.</p>
	<p><u>ELECOM EX-G USB BlueLED Mouse User's Manual</u></p> <p>User's manual for ELECOM EX-G USB BlueLED Mouse series (M-XGS10UB, M-XGM10UB, M-XGL10UB) covering setup, usage, customization with Mouse Assistant, troubleshooting, and specifications.</p>
	<p><u>ELECOM Mouse Assistant Macintosh Version Guide</u></p> <p>A comprehensive guide to installing, uninstalling, and using the ELECOM Mouse Assistant software for Macintosh, detailing button function assignment, gesture functions, and profile management.</p>



[ELECOM MouseAssistant User Manual](#)

A comprehensive guide to installing, uninstalling, and utilizing the ELECOM MouseAssistant software for customizing ELECOM mouse functions, including button allocation, horizontal scrolling, flying scroll, and gesture controls.



[ELECOM M-RT1DR Wireless Trackball Mouse User Manual and Guide](#)

Comprehensive user manual for the ELECOM M-RT1DR Wireless Trackball Mouse, covering setup, features, specifications, cleaning, and safety precautions.

Documents - ELECOM – M-BY10BRBK



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