CHERRY G80-3874HYBEU-0

CHERRY MX Board 3.0 S Mechanical Gaming Keyboard

USER MANUAL

Product Overview

The CHERRY MX BOARD 3.0 S is a high-performance mechanical gaming keyboard designed for precision and durability. It features original CHERRY MX switches, a robust aluminum housing, and customizable RGB lighting. This manual provides essential information for setting up, operating, and maintaining your keyboard.

- High-performance mechanical gaming keyboard with a sleek die-cast aluminum housing and intelligent screw-less design.
- High-quality CHERRY MX RED mechanical switches: smooth and direct typing feel with linear switching characteristics (no click) and over 100 million actuations per key.
- Vivid RGB backlight with over 16 million colors: numerous integrated color plays and light effects (individually programmable with CHERRY UTILITY software).
- Useful gaming functions: Full-N-Key rollover (all keys are read simultaneously), anti-ghosting (no incorrect input) + WIN-Key lock for game mode.
- Practical: removable USB-A to micro USB cable and four round rubber feet on the bottom of the keyboard – ensuring nothing slips even during hectic gaming sessions.

Setup

Follow these steps to set up your CHERRY MX Board 3.0 S keyboard:

1. **Unpack the Keyboard:** Carefully remove the keyboard and its accessories from the packaging.
2. **Connect the Cable:** Connect the removable USB-A to micro USB cable to the micro USB port on the keyboard and the USB-A end to an available USB port on your computer.
3. **Placement:** Place the keyboard on a stable, flat surface. The four rubber feet on the bottom ensure stability during use.
4. **Driver Installation (Optional):** Your operating system should automatically recognize the keyboard. For advanced customization, such as RGB lighting effects and key remapping, download and install the CHERRY UTILITY software from the official CHERRY website.

Image: Top view of the CHERRY MX Board 3.0 S Mechanical Gaming Keyboard, showcasing its white keys and vibrant RGB lighting.

Operating Instructions

This section details the primary functions and features of your keyboard.

Basic Key Functions

- **Standard Typing:** All standard alphanumeric and symbol keys function as expected.
- **Function Keys (F1-F12):** These keys may have secondary functions (e.g., media control, volume) when pressed in combination with the **Fn** key. Refer to the keycap legends for specific functions.
- **Numeric Keypad:** The dedicated numeric keypad provides quick entry for numbers and mathematical operations.

RGB Lighting Control

The CHERRY MX Board 3.0 S features customizable RGB backlighting with over 16 million colors.

- **Pre-programmed Effects:** The keyboard comes with several integrated lighting effects. These can often be cycled through using specific key combinations (e.g., **Fn + F-keys** or dedicated lighting keys).
- **CHERRY UTILITY Software:** For full customization, including creating your own lighting profiles, adjusting brightness, speed, and direction of effects, download and use the CHERRY UTILITY software. This software allows granular control over each key's illumination.

Image: Close-up of the CHERRY MX Board 3.0 S showcasing its vibrant RGB lighting capabilities.

Gaming Features

- **Full-N-Key Rollover (NKRO):** This feature ensures that every key press is registered, even when multiple keys are pressed simultaneously. This is crucial for fast-paced gaming where complex key combinations are common.
- **Anti-Ghosting:** Prevents "ghosting" or unintended key presses when multiple keys are actuated at once, ensuring accurate input.
- **WIN-Key Lock:** To prevent accidental interruptions during gaming, the Windows key can be disabled. This function is typically activated via a key combination (e.g., **Fn + Windows Key**).
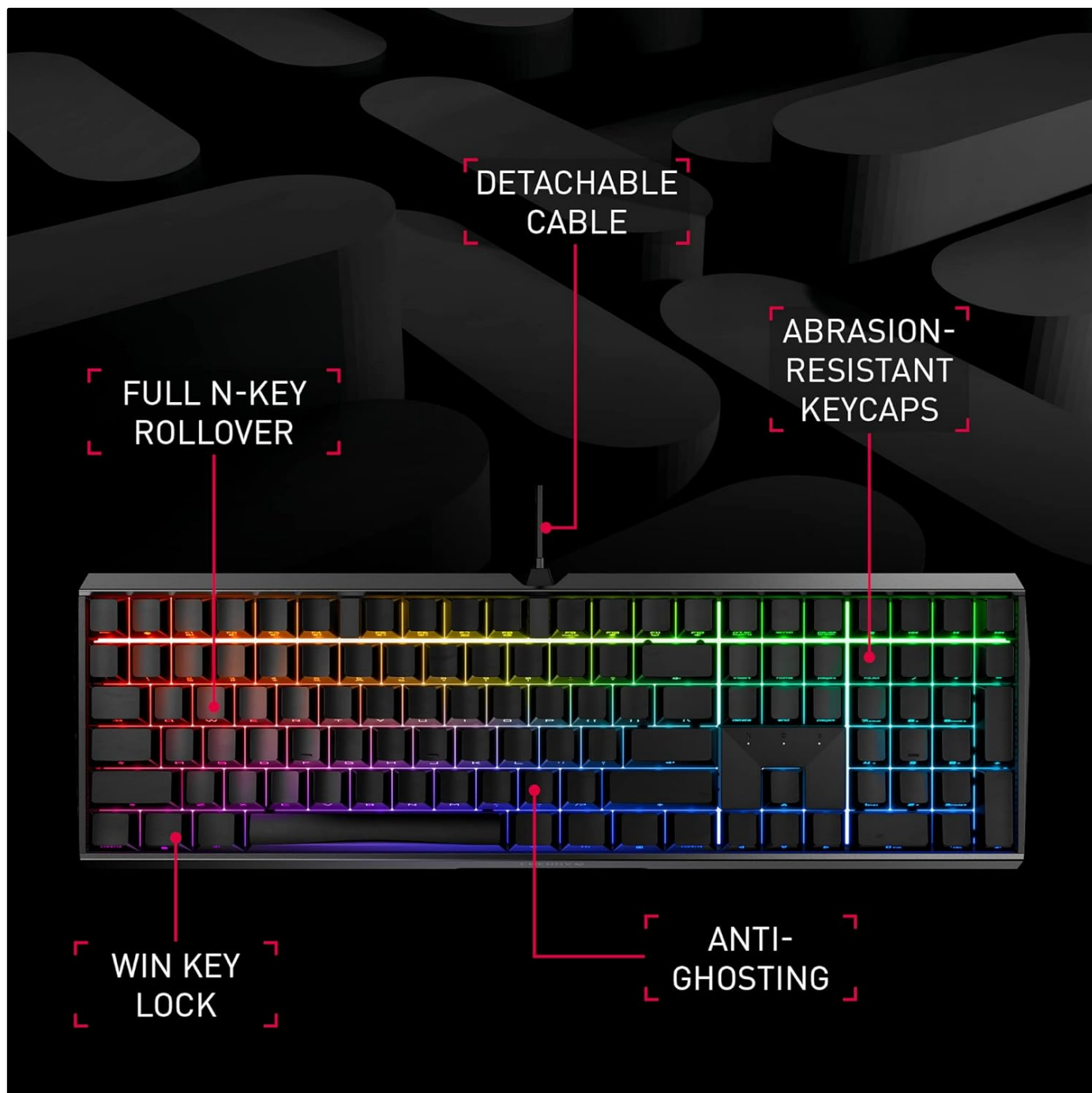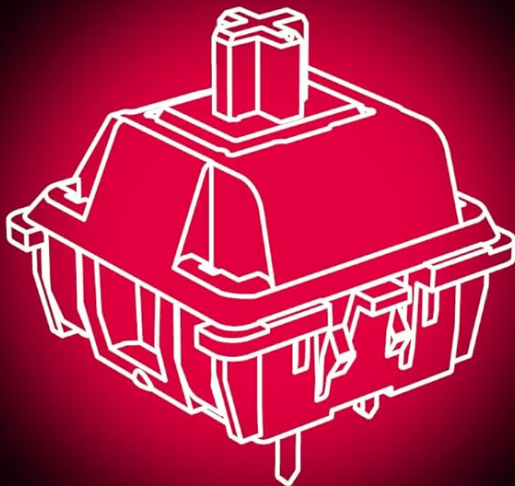
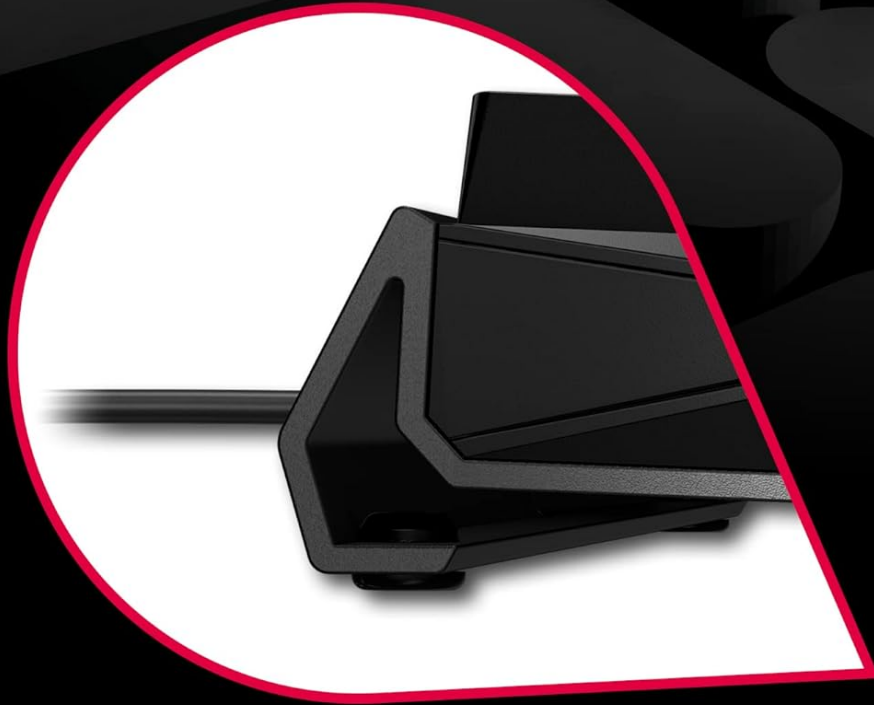Image: Diagram illustrating key gaming features and design elements of the CHERRY MX Board 3.0 S keyboard.

Image: Visual representation of the CHERRY MX mechanical keyswitch technology, specifically highlighting the MX RED switches used in the keyboard.

EXTRA STABILITY

Aluminum housing and rubber feet

Image: Side profile of the CHERRY MX Board 3.0 S, emphasizing its robust aluminum housing and stabilizing rubber feet.

Image: A visual comparison showcasing the different color variants (white, black, pink) of the CHERRY MX Board 3.0 S keyboard.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your keyboard.

- **Cleaning the Keyboard:**
  - Disconnect the keyboard from your computer before cleaning.
  - Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe down the keycaps and housing.
  - Avoid spraying liquids directly onto the keyboard.
  - For dust and debris between keys, use compressed air or a small brush.
- **Cable Care:** The detachable USB cable should be handled with care. Avoid sharp bends or excessive pulling to prevent damage.
- **Storage:** When not in use for extended periods, store the keyboard in a clean, dry environment away from extreme

temperatures.

Troubleshooting

If you encounter issues with your CHERRY MX Board 3.0 S, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Keyboard not responding	Loose cable connection, incorrect USB port, driver issue.	Ensure the USB cable is securely connected to both the keyboard and the computer. Try a different USB port. Restart your computer. Reinstall CHERRY UTILITY software if applicable.
RGB lighting not working or incorrect	Software settings, keyboard mode, power issue.	Check lighting settings in CHERRY UTILITY software. Ensure the keyboard is not in a low-power mode. Try resetting the keyboard (refer to software or manufacturer's website for specific reset instructions).
Keys not registering or double-typing	Debris under keycap, switch malfunction, software conflict.	Use compressed air to clear debris. Ensure no software conflicts are present. If the issue persists for a specific key, it may indicate a switch malfunction requiring professional service.

If these solutions do not resolve the issue, please contact CHERRY customer support for further assistance.

Specifications

Feature	Detail
Brand	CHERRY
Model Number	G80-3874HYBEU-0
Color	White
Connectivity Technology	Wired (USB-A to Micro USB, detachable)
Keyboard Description	Gaming
Special Feature	Backlit (RGB)
Compatible Devices	Laptop, PC
Number of Keys	109
Backlight Color Management	RGB (16.8 million colors)
Style	US International Layout - QWERTY
Key Switches	CHERRY MX RED Mechanical
Housing Material	Die-cast Aluminum
Origin	China

Warranty and Support

CHERRY products are manufactured to high-quality standards. For detailed warranty information, please refer to the official CHERRY website or the warranty card included with your product.

For technical support, driver downloads, and frequently asked questions, visit the official CHERRY support page:

CHERRY Official Support & Downloads

You can also contact CHERRY customer service directly through their website for personalized assistance.