CHERRY XTRFY G80-3890HIAUS-2

CHERRY XTRFY MX 3.1 Mechanical Wired Gaming Keyboard User Manual

Model: G80-3890HIAUS-2

Brand: CHERRY XTRFY

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your CHERRY XTRFY MX 3.1 Mechanical Wired Gaming Keyboard. Designed for optimal gaming performance, this keyboard features new CHERRY MX2A switches, a noise-damping structure, and customizable RGB lighting, all housed within a high-quality aluminum body.

Image: The CHERRY XTRFY MX 3.1 Mechanical Wired Gaming Keyboard, showcasing its full layout and vibrant RGB backlighting.

SETUP

1. **Unpacking:**

   Carefully remove the keyboard and all accessories from the packaging. Ensure all components are present: CHERRY XTRFY MX 3.1 keyboard, braided detachable USB-C cable, and screwable detachable metal feet.

2. **Connecting the Keyboard:**

Connect the braided detachable USB-C cable to the USB-C port on the keyboard and the USB-A end to an available USB-A port on your PC. The keyboard is plug-and-play and should be recognized automatically by your operating system.

Image: The CHERRY XTRFY MX 3.1 keyboard with its braided detachable USB-C cable connected, highlighting the robust aluminum housing and abrasion-resistant double-shot keycaps.

3. **Adjusting Keyboard Height:**

Attach the screwable detachable metal feet to the underside of the keyboard for individual positioning and ergonomic comfort during long gaming sessions.

LESS SOUND, MORE COMFORT:
Noise-damping structure for an improved typing experience

Includes screwable detachable metal feet
for individual positioning

Image: The CHERRY XTRFY MX 3.1 keyboard on a desk, showing the included screwable detachable metal feet for height adjustment.
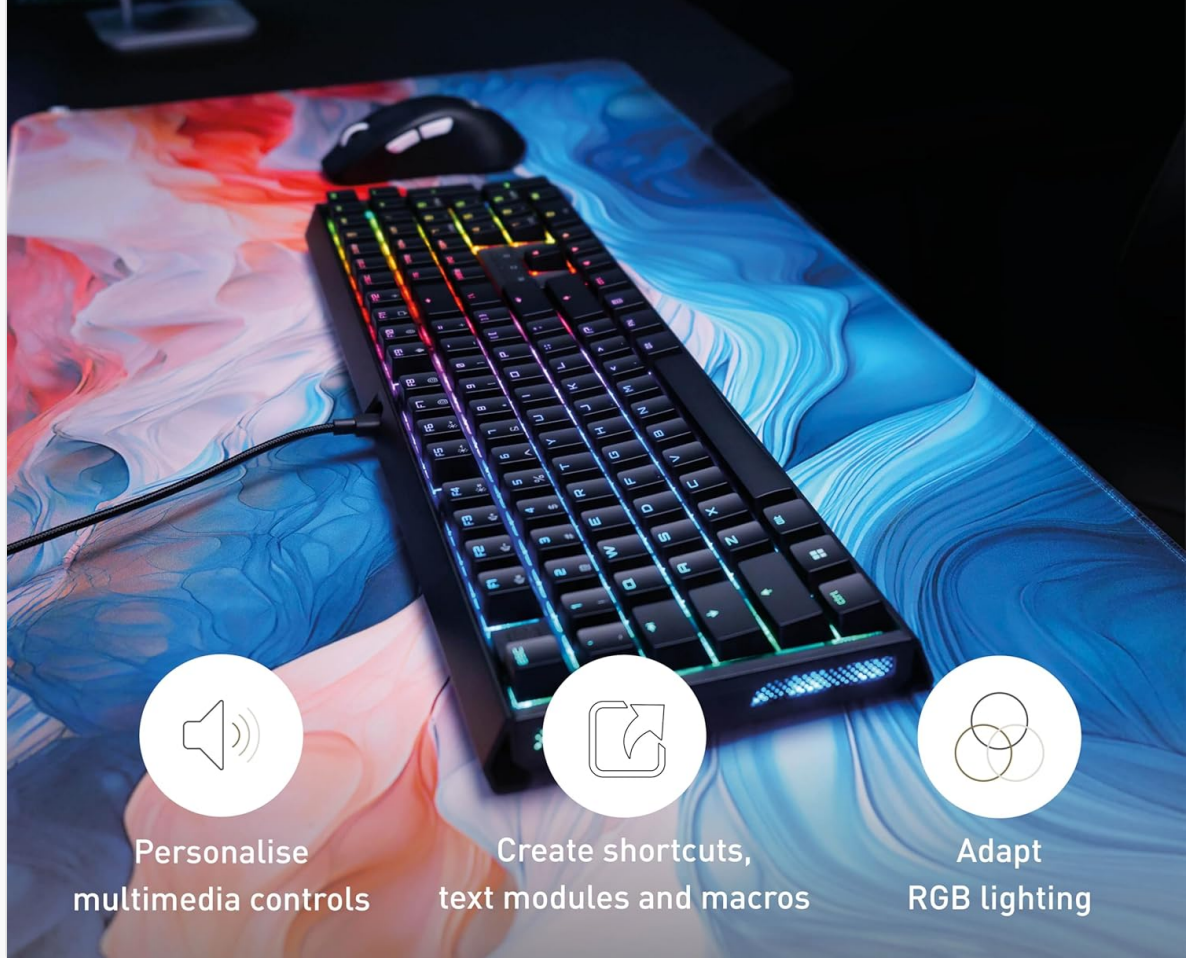
4. **Software Installation (Optional but Recommended):**

For full customization of RGB illumination, multimedia controls, shortcuts, text modules, and macros, download and install the CHERRY Utility Software from the official CHERRY XTRFY website. Refer to the software's documentation for detailed usage.

Image: The CHERRY XTRFY MX 3.1 keyboard on a desk, illustrating the individual customization options available through the CHERRY Utility Software, including personalizing multimedia controls, creating shortcuts, and adapting RGB lighting.

OPERATING THE KEYBOARD

Key Features:

- **CHERRY MX2A Switches:**

  The keyboard is equipped with CHERRY MX2A gold crosspoint precision switches, manufactured in Germany. These switches offer a reliable and comfortable typing experience with smoother actuation, improved acoustics, and a lifespan of 100 million keystrokes. Available switch types include:

  - **MX2A Red:** Linear switch without click, providing a smooth and direct feel.
  - **MX2A Brown:** Tactile switch without click, offering a precise and noticeable feedback.

Image: A visual representation of the CHERRY MX2A Red and Brown switches, illustrating their internal mechanisms and describing their tactile characteristics.

- **Noise-Damping Structure:**

  The integrated damping mechanisms effectively reduce noise during typing and gaming, contributing to improved acoustics and a more comfortable, fatigue-free experience.

Image: A close-up view of the CHERRY XTRFY MX 3.1 keyboard's keycaps and the underlying MX2A switches, demonstrating the quality build.

- **Customizable RGB Illumination:**

  The keyboard features 16.8 million color LED illumination. This can be customized using the CHERRY Utility Software, allowing you to choose from numerous integrated color schemes or program your own lighting effects for individual keys and sleek side lighting.

Image: A close-up of the CHERRY XTRFY MX 3.1 keyboard's keys, showcasing the customizable RGB illumination with over 16 million colors.

Image: A side view of the CHERRY XTRFY MX 3.1 keyboard, highlighting the sleek RGB lighting along its edges.

Function Keys and Multimedia Controls:

The MX 3.1 keyboard includes dedicated function keys and multimedia controls. Specific functions can be personalized and assigned via the CHERRY Utility Software. Refer to the software interface for a detailed layout and customization options.

Official Product Video:

Your browser does not support the video tag.

Video: An official product video showcasing the features and design of the CHERRY XTRFY MX 3.1 Mechanical Gaming Keyboard. (Duration: 0:40)

Maintenance

- **Cleaning the Keyboard:**

  To clean the keyboard, disconnect it from your PC. Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution. Avoid excessive moisture. For cleaning between keycaps, use compressed air to remove dust and debris. Do not immerse the keyboard in any liquid.

- **Keycap Care:**

  The keyboard features abrasion-resistant double-shot keycaps. While durable, avoid using harsh chemicals or abrasive materials that could damage the keycap surface or legends.

- **Cable Management:**

  Ensure the USB-C cable is not excessively bent or strained to prevent damage. The detachable design allows for easier storage and replacement if needed.

Troubleshooting

Problem	Possible Cause	Solution
Keyboard not responding	Loose cable connection, USB port issue, driver issue.	Ensure the USB-C cable is securely connected to both the keyboard and the PC. Try a different USB port. Restart your computer. Check Device Manager for driver issues.
RGB lighting not working or incorrect	Software settings, power issue.	Ensure the CHERRY Utility Software is running and configured correctly. Check if the keyboard is receiving sufficient power from the USB port. Try resetting RGB settings in the software.
Keys not registering or double-typing	Dust/debris under keycap, switch malfunction.	Use compressed air to clean under the affected keycap. If the issue persists, it may indicate a switch malfunction requiring professional service.
Software not detecting keyboard	Software installation issue, USB connection.	Reinstall the CHERRY Utility Software. Ensure the keyboard is directly connected to a USB port (avoiding hubs if possible).

Specifications

Model Number: G80-3890HIAUS-2

Brand: CHERRY XTRFY

Keyboard Description: Mechanical Gaming

Switch Type: CHERRY MX2A (Brown or Red)

Connectivity Technology: USB-A (Wired)

Compatible Devices: PC

Number of Keys: 110

Color: Black (as per current variant)

Material: Aluminum (Housing)

Special Features: Adjustable RGB, Cherry MX2A Switches, Aluminum Build, Noise-Damping Structure, Double-shot Keycaps

Product Dimensions: 17.1 x 5.4 x 1.3 inches

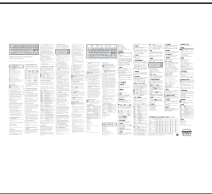**Item Weight:** 3.24 pounds
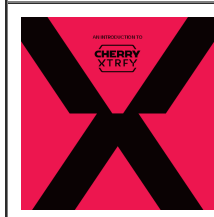
Country of Origin: China

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official CHERRY XTRFY website or contact their customer service directly. Keep your proof of purchase for warranty claims.

You can visit the official CHERRY XTRFY Store for more information and support resources: CHERRY XTRFY Store

Related Documents - G80-3890HIAUS-2

	[CHERRY XTRFY K5 PRO TMR COMPACT Gaming Keyboard Operating Manual](#) Comprehensive operating manual for the CHERRY XTRFY K5 PRO TMR COMPACT gaming keyboard. Learn about setup, features, customization, safety, and troubleshooting.
	[CHERRY XTRFY MX 8.2 PRO TMR TKL Wireless Keyboard User Manual](#) Comprehensive user manual for the CHERRY XTRFY MX 8.2 PRO TMR TKL Wireless Gaming Keyboard, covering setup, connectivity (USB, Bluetooth, 2.4 GHz wireless), key functions, software customization, troubleshooting, and technical specifications.
	[CHERRY XTRFY MX 10.1 WIRELESS Mechanical Gaming Keyboard User Manual](#) Comprehensive user manual for the CHERRY XTRFY MX 10.1 WIRELESS low-profile mechanical gaming keyboard, covering setup, connectivity (2.4 GHz, Bluetooth, USB), features, software, troubleshooting, and technical specifications.
	[Cherry XTRFY K5V2 Quick Start Guide](#) A concise guide to setting up and using the Cherry XTRFY K5V2 keyboard, covering USB connection, RGB illumination, and FN key functions for media, macros, and system controls. Includes instructions on downloading the full manual.

	[Cherry XTRFY K4V2 Quick-Start Guide](#) Quick-start guide for the Cherry XTRFY K4V2 keyboard, covering USB connection, keyboard settings adjustment, and manual download. Includes RGB LED lighting and media control shortcuts.
	[CHERRY XTRFY: The New Generation of Esports Equipment](#) An introduction to CHERRY XTRFY, a brand combining CHERRY's legacy in keyboards and components with Xtrfy's expertise in esports peripherals. Discover the new generation of gaming keyboards, mice, mousepads, headsets, microphones, and accessories designed for professional and casual gamers.