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› [Xtrfy Cherry K5V2 Compact Mechanical Gaming Keyboard User Manual](#)

Xtrfy CX-K5V2-RGB-CPT-BLACK-R-US

Xtrfy Cherry K5V2 Compact Mechanical Gaming Keyboard User Manual

Model: CX-K5V2-RGB-CPT-BLACK-R-US | Brand: Xtrfy

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Xtrfy Cherry K5V2 Compact Mechanical Gaming Keyboard. Designed for optimal gaming performance, this 65% format keyboard features hot-swappable Cherry MX2A RED switches, customizable RGB lighting, and advanced super scan technology for rapid response times.



Figure 1: Xtrfy Cherry K5V2 Compact Mechanical Gaming Keyboard (Black version).

PACKAGE CONTENTS

Ensure all items are present in the package:

- Xtrfy Cherry K5V2 Compact Mechanical Gaming Keyboard
- USB Cable
- Keycap Puller
- Extra Keycaps
- Additional Switches (typically 2 replacement switches)

FEATURES

- **Compact 65% Format:** Small gaming keyboard designed for more mouse movement space and portability.
- **Hot-Swappable Cherry MX2A RED Switches:** Linear switching characteristics for a smooth, direct typing feel without a click. Switches are pre-lubricated and designed for over 100 million actuations.
- **Super Scan Technology:** All keys are scanned every half millisecond for instant responses.
- **Enhanced Acoustics:** Features PCB-mounted stabilizers (pre-lubricated) and double-layered, sound-absorbing foam for a pleasant and noise-reduced typing experience.
- **Customizable RGB Lighting:** Impressive per-key RGB illumination with LED strips. All settings are adjusted directly on the keyboard without requiring software.
- **Full N-Key Rollover & Anti-Ghosting:** Ensures every keystroke is registered accurately, even during rapid, simultaneous presses.
- **Macros & Media Controls:** Built-in functionality for advanced customization and convenient media management.

COMPACT 65 PERCENT FORMAT:

More space for your mouse movements



SUPER SCAN TECHNOLOGY:

Particularly fast response time

Figure 2: The compact 65% format of the K5V2 keyboard provides ample space for mouse movements, ideal for gaming.

CHERRY MX2A RED SWITCHES:

Smooth and direct typing feel without click



HOT-SWAPPABLE:
Replace switches as you wish
(keycap remover + 2 replacement switches included)

Figure 3: Detail of the hot-swappable Cherry MX2A RED switches, emphasizing their smooth, direct feel and ease of replacement.

SETUP

Connecting the Keyboard

1. Locate the USB-A to USB-C cable included in the package.
2. Connect the USB-C end of the cable to the USB-C port on the back of the Xtrfy Cherry K5V2 keyboard.
3. Connect the USB-A end of the cable to an available USB-A port on your computer.
4. The keyboard will automatically be recognized by your operating system. No additional drivers are typically required.

Your browser does not support the video tag.

Video 1: Official product video demonstrating the features and setup of the Xtrfy Cherry K5V2 Compact Mechanical Gaming Keyboard.

OPERATING INSTRUCTIONS

Basic Usage

The Xtrfy Cherry K5V2 functions as a standard keyboard upon connection. All primary keys operate as labeled. The compact 65% layout means some functions are accessed via the Function (Fn) key combinations.

RGB Lighting Customization

The keyboard features extensive onboard RGB customization. No software is needed. Use the Fn key in combination with specific keys to change lighting modes, colors, brightness, and speed.

- **Fn + K-MODE:** Cycle through various lighting effects.
- **Fn + K-COLOR:** Change the color of the current lighting effect.
- **Fn + Arrow Keys (Up/Down):** Adjust brightness.
- **Fn + Arrow Keys (Left/Right):** Adjust effect speed.
- Refer to the included quick start guide for a full list of lighting commands.



Figure 4: The keyboard's impressive RGB lighting can be customized directly on the device.

Hot-Swapping Switches

The hot-swappable design allows you to easily change switches without soldering. This is useful for replacing faulty switches or customizing your typing experience.

1. Gently remove the keycap using the included keycap puller. Hook the puller onto the keycap and pull straight up.
2. Use the switch puller (often integrated with the keycap puller) to grasp the switch firmly. The switch puller has two prongs that fit into the clips on the top and bottom of the switch.
3. Apply gentle, even pressure and pull the switch straight up until it detaches from the PCB.
4. Align the pins of the new switch with the holes on the PCB. Ensure the pins are straight to avoid bending.
5. Press the new switch firmly into place until it clicks securely.

6. Re-attach the keycap by aligning it with the switch stem and pressing down.



Figure 5: Demonstrating the process of removing a switch from the keyboard for replacement or customization.



Figure 6: A detailed view of the Cherry MX2A RED switches, highlighting their design and the integrated RGB lighting.

MAINTENANCE

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 chassis. Avoid excessive moisture.
- For deeper cleaning, remove keycaps using the keycap puller and use compressed air to clear debris from underneath.
- Do not use harsh chemicals, abrasive cleaners, or solvents as they may damage the keyboard's finish or components.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Keyboard not responding	Loose USB connection; Faulty USB port; Driver issue.	Ensure USB cable is securely connected. Try a different USB port. Restart your computer.

Problem	Possible Cause	Solution
Keys not registering	Debris under keycap/switch; Faulty switch.	Remove keycap and clear debris. If issue persists, hot-swap the switch with a spare.
RGB lighting not working/incorrect	Incorrect lighting mode; Brightness too low.	Cycle through lighting modes (Fn + K-MODE). Increase brightness (Fn + Up Arrow).
Keyboard feels wobbly/unstable	Uneven surface; Rubber feet worn.	Ensure keyboard is on a flat surface. Check rubber feet for wear.

SPECIFICATIONS

Feature	Detail
Model Number	CX-K5V2-RGB-CPT-BLACK-R-US
Keyboard Description	Mechanical Gaming Keyboard
Format	65% Compact
Switches	Cherry MX2A RED (Hot-Swappable)
Connectivity	USB-A (Wired)
Number of Keys	68
Product Dimensions	12.8 x 4.33 x 1.46 inches (32.5 x 11 x 3.7 cm)
Item Weight	2.44 pounds (1.11 kg)
Material	Polycarbonate
Special Features	Compact, Cherry MX, RGB Lighting, N-Key Rollover, Anti-Ghosting, Macros, Media Controls

WARRANTY AND SUPPORT

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

Official Xtrfy Store: [Xtrfy Amazon Store](#)