NYXI CA01

NYXI Striker Retro Mechanical Gaming Keyboard

INSTRUCTION MANUAL

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1. INTRODUCTION

This manual provides instructions for the NYXI Striker Retro Mechanical Gaming Keyboard (Model: CA01). This keyboard features multi-device connectivity, hot-swappable switches, RGB backlighting, and a customizable display screen. It is compatible with Windows, macOS, and iOS systems.

Image 1.1: The NYXI Striker Retro Mechanical Gaming Keyboard, showcasing its GameCube-inspired design and full layout.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- NYXI Striker Retro Mechanical Gaming Keyboard
- Keycap Puller
- USB Cable (USB-C to USB-A)

- Additional Switches (5x Red, 5x Blue)
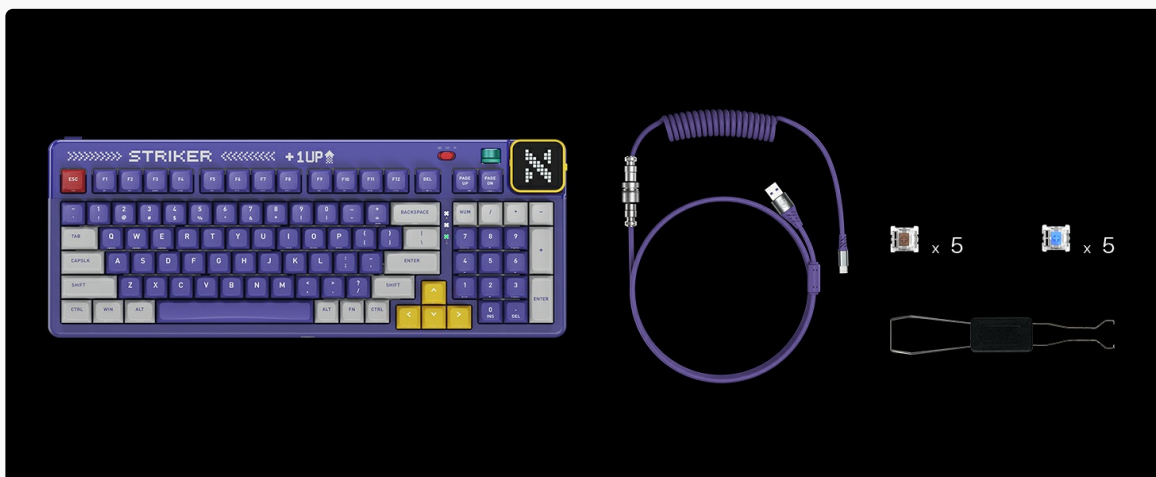- 2.4GHz Wireless Receiver (stored in keyboard compartment)

Image 2.1: All components included with the NYXI Striker Retro Mechanical Gaming Keyboard.

3. PRODUCT OVERVIEW

The NYXI Striker keyboard features a 97-key layout with several distinct components:

- **Keycaps:** Dual-color keycaps for a comfortable typing experience.
- **Mechanical Switches:** Hot-swappable switches for customization.
- **RGB Backlighting:** Per-key RGB illumination with various effects.
- **Display Screen:** A pixelated dot matrix screen for animations and status.
- **Volume Roller:** A dedicated roller for audio adjustment.
- **Connectivity Switch:** Located on the side/back for switching between wired, 2.4G, and Bluetooth modes.
- **USB-C Port:** For wired connection and charging.
- **2.4GHz Receiver Compartment:** A dedicated slot to store the wireless receiver.
- **Adjustable Feet:** Three-stage tilt stands for ergonomic positioning.

Image 3.1: Top view of the keyboard, showing the full key layout and integrated display screen.
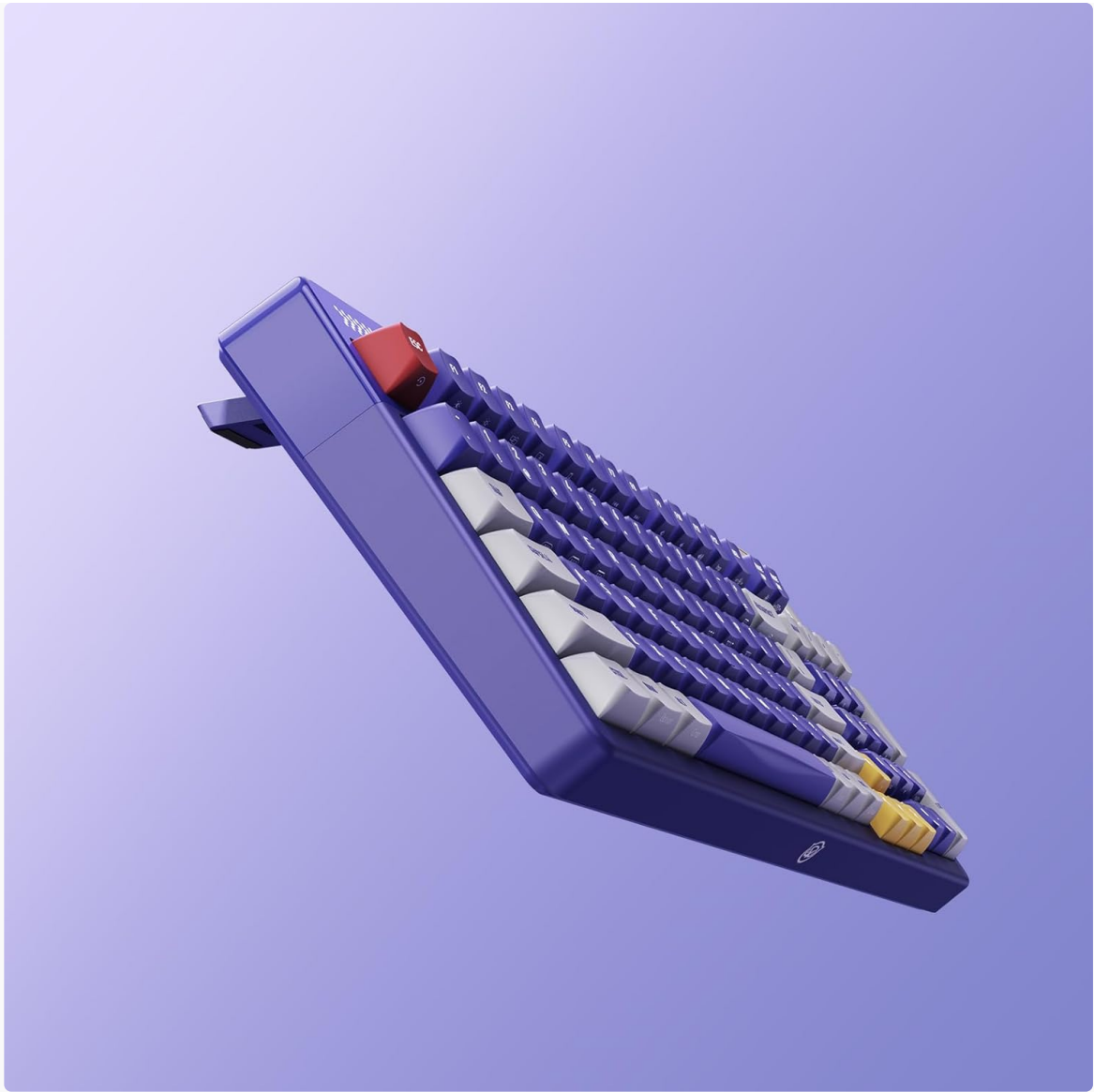
Image 3.2: Side profile of the keyboard.

Adapter Compartment

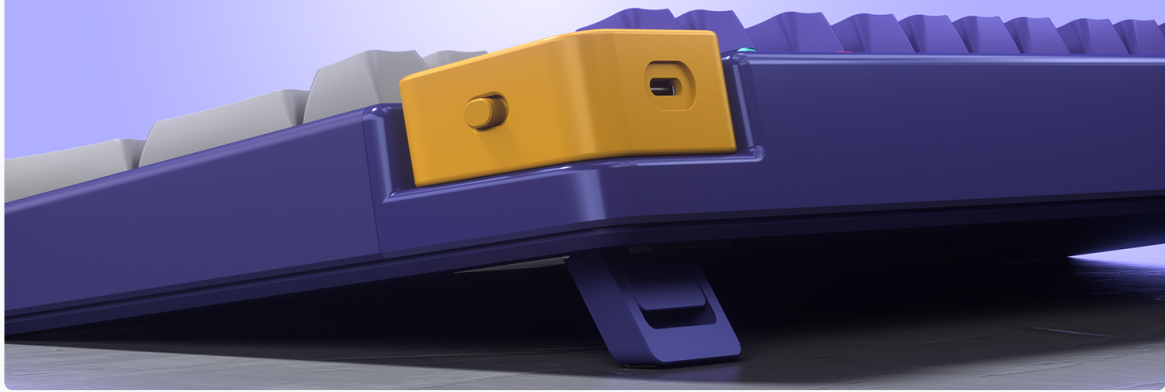Image 3.3: Location of the 2.4GHz wireless receiver compartment.

Image 3.4: Three-level adjustable tilt stand for ergonomic comfort.

4. SETUP

4.1 Initial Charging

Before first use, connect the keyboard to a USB power source using the provided USB-C cable to ensure it is fully charged. The keyboard can be used while charging in wired mode.

4.2 Connectivity Modes

The NYXI Striker keyboard supports three connection modes: Bluetooth 5.0, 2.4GHz wireless, and USB wired. Use the switch located on the keyboard to select your desired mode.

- **USB Wired Mode:**

  1. Set the mode switch on the keyboard to the wired (USB) position.
  2. Connect the USB-C end of the cable to the keyboard and the USB-A end to your computer.
  3. The keyboard will be recognized automatically by your operating system.

- **2.4GHz Wireless Mode:**

  1. Retrieve the 2.4GHz USB receiver from its compartment on the keyboard.
  2. Set the mode switch on the keyboard to the 2.4G wireless position.
  3. Plug the 2.4GHz USB receiver into an available USB port on your computer.
  4. The keyboard should connect automatically.

- **Bluetooth 5.0 Mode:**

  1. Set the mode switch on the keyboard to the Bluetooth position.
  2. The keyboard supports up to 5 Bluetooth channels. Press **Fn + 1/2/3/4/5** to select a Bluetooth channel. The display screen will indicate the selected channel.
  3. To enter pairing mode, press and hold **Fn + 1/2/3/4/5** for 3-5 seconds until the indicator light flashes rapidly or the display screen shows a pairing icon.
  4. On your device (computer, tablet, phone), go to Bluetooth settings and search for new devices.
  5. Select "NYXI Striker" from the list of available devices to pair.
  6. Once paired, the indicator light will become solid, and the display screen will confirm the connection.
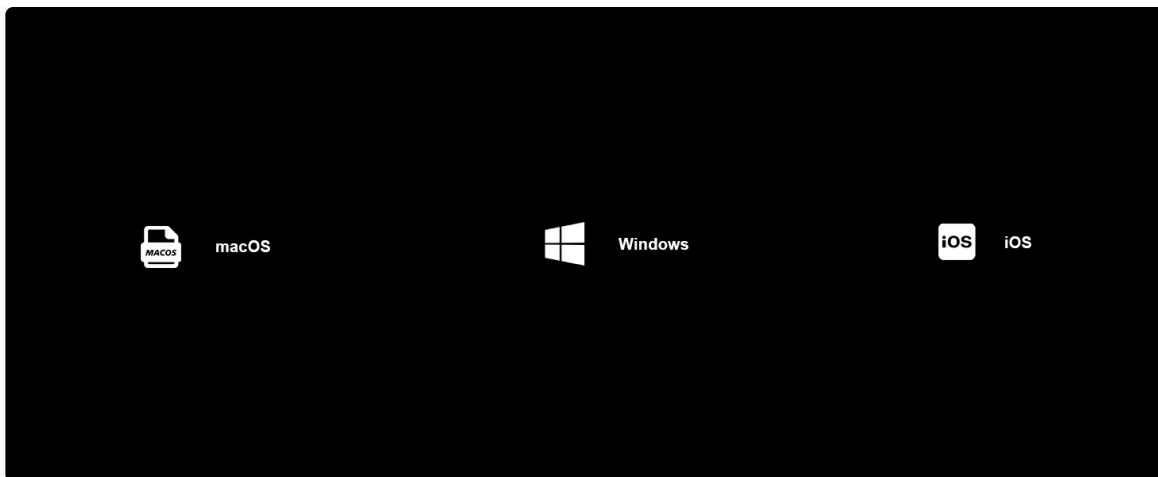
Image 4.1: Compatible operating systems for the keyboard.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

The keyboard powers on automatically when connected via USB or when a wireless mode is selected and the battery has charge. To conserve battery, ensure the keyboard is switched off when not in use for extended periods.

5.2 Switching Between Devices/Modes

To switch between connected Bluetooth devices, press **Fn + 1/2/3/4/5** to select the desired paired channel. To switch between wired, 2.4G, and Bluetooth modes, use the physical switch on the keyboard.

5.3 RGB Backlighting Control

The keyboard features 22 RGB lighting modes. Use the following key combinations to control the backlighting:

- **Fn + Left Ctrl:** Cycle through different RGB lighting effects.
- **Fn + Arrow Up/Down:** Adjust brightness levels.
- **Fn + Arrow Left/Right:** Adjust lighting effect speed.

Image 5.1: RGB Hybrid Underglow lighting in action.

5.4 Display Screen Operation

The integrated display screen can show various animations and status indicators. Use the NYXI Driver App

for advanced customization of the display screen content.

5.5 Volume Roller

Rotate the dedicated roller on the top right of the keyboard to adjust the system volume. Pressing the roller typically mutes/unmutes audio.

6. KEY FEATURES

The NYXI Striker keyboard is designed with several advanced features to enhance your user experience:

- **Multi-Device Connection:** Supports Bluetooth 5.0, 2.4GHz wireless, and USB wired modes. It also features a built-in five-channel mode for seamless switching between multiple devices (Windows, Android, macOS, iOS, iPad systems).

- **Hot-Swappable and Gasket Structure:** The keyboard supports hot-swappable switches, allowing for easy replacement without soldering. Its gasket structure, constructed with PC+ABS material, provides a soft and elastic typing feel, reducing noise and improving overall acoustics.

- **Personalized Aesthetics:** Features 22-color RGB backlighting with various glow modes and effects. The display screen supports 4 dynamic matrix display modes, which can be customized further via software.

- **NYXI Driver App - Macro Customization:** A dedicated software application allows for extensive macro customization, key remapping, and lighting management. This app supports wired, 2.4G, and Bluetooth connections for flexible setup.

- **Comfort Design:** Integrates a precision volume roller, anti-slip silicone pads for stability, and a three-stage tilt stand for adjustable ergonomic comfort during extended use.
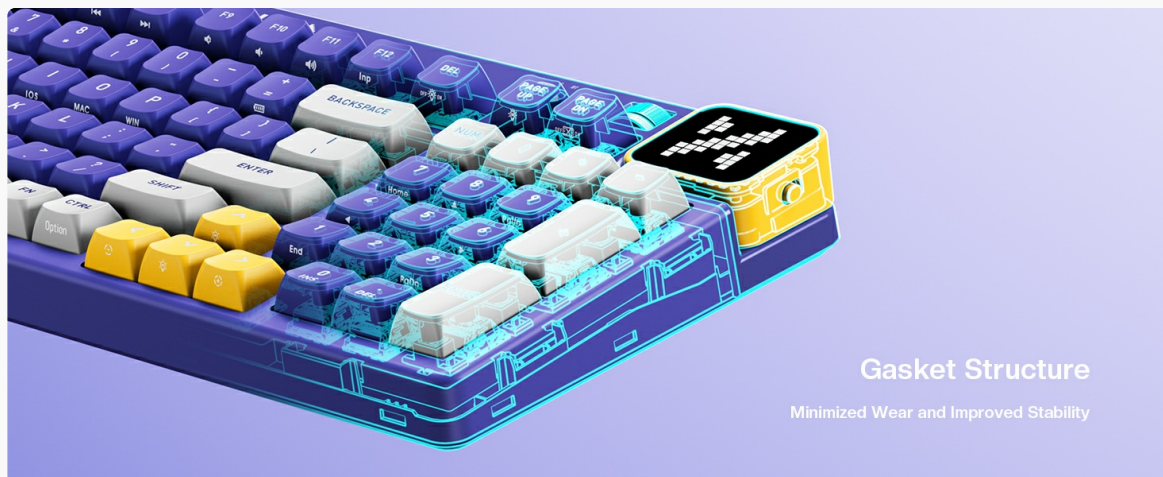

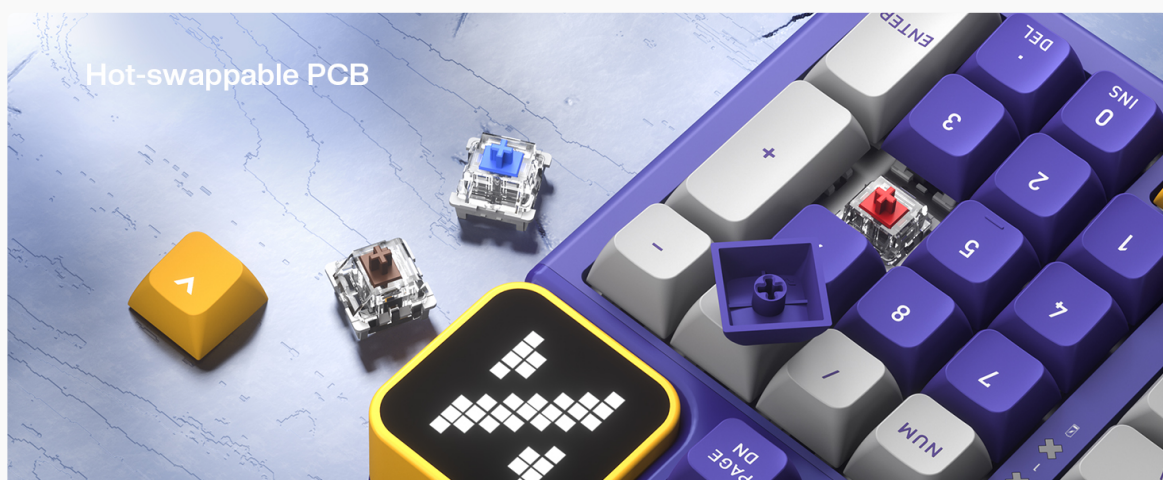Image 6.1: Gasket structure for enhanced typing experience.

6.1 Using the NYXI Driver App

The NYXI Driver App provides advanced customization options for your keyboard. Download the application from the official NYXI website.

- **Macro Customization:** Create and assign complex macros to keys.
- **Lighting Settings:** Fine-tune RGB effects, colors, and animations.
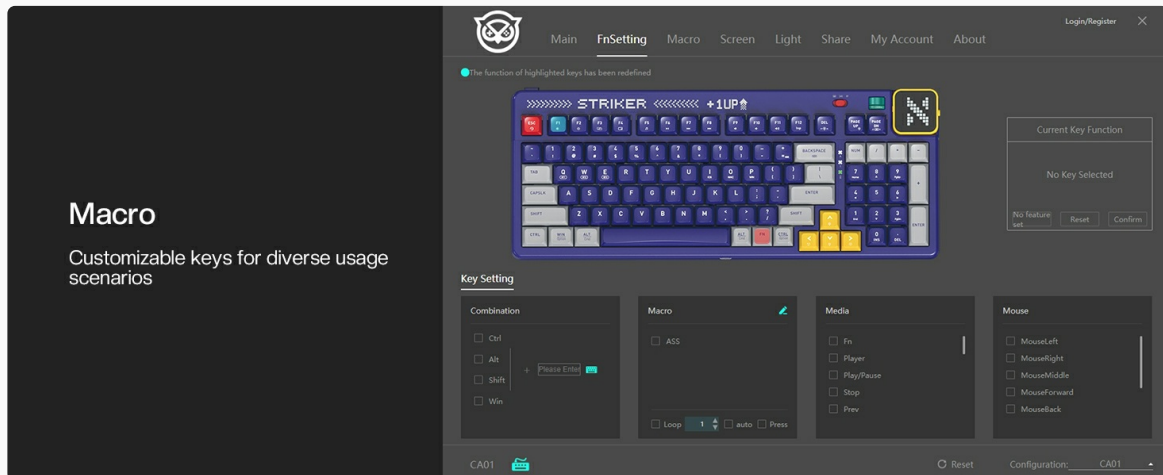- **Display Screen Customization:** Upload custom images or animations to the dot matrix display.

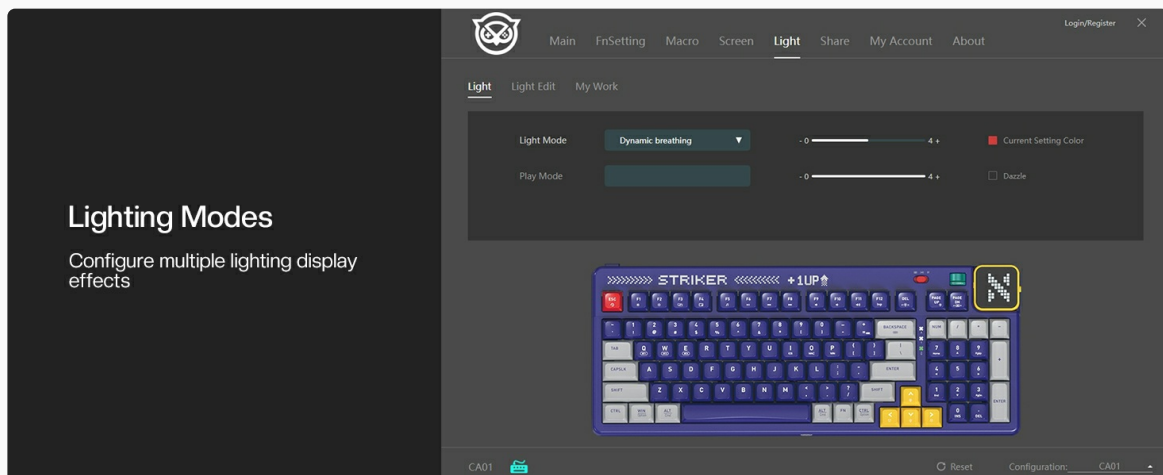
Image 6.3: NYXI Driver App interface for macro customization.

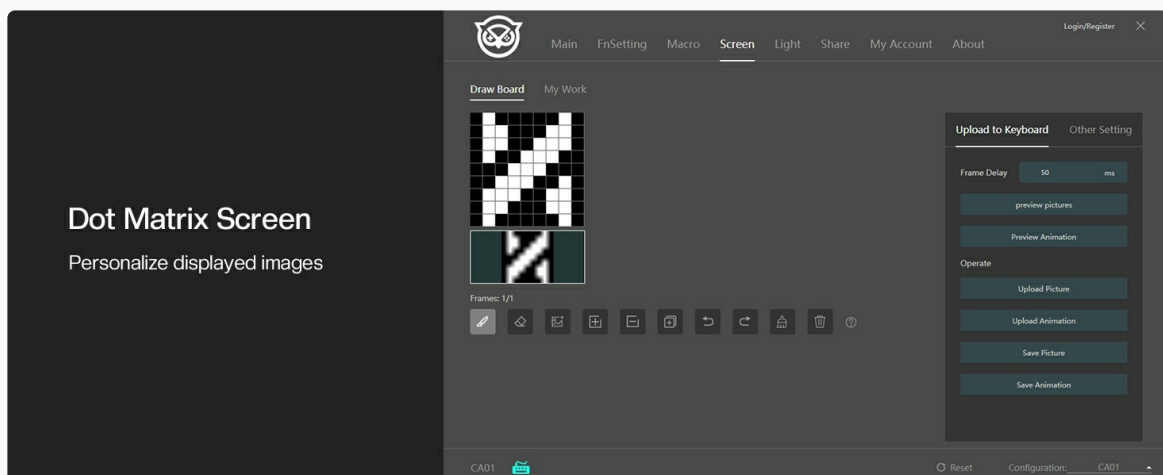Image 6.4: NYXI Driver App interface for lighting mode configuration.

Image 6.5: NYXI Driver App interface for dot matrix screen customization.

7. MAINTENANCE

7.1 Cleaning

- Use a soft, dry cloth to wipe the keyboard surface.
- For deeper cleaning, use the provided keycap puller to remove keycaps and clean dust or debris with compressed air.
- Avoid using harsh chemicals or abrasive materials that could damage the keyboard finish or keycap legends.

7.2 Storage

Store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, ensure the keyboard is fully charged and then powered off.

8. TROUBLESHOOTING

- **Keyboard not responding:**

  - Ensure the keyboard is powered on and the correct connectivity mode (wired, 2.4G, or Bluetooth) is selected.
  - For wireless modes, check battery level. Recharge if necessary.
  - For 2.4GHz, ensure the receiver is properly plugged into a USB port.
  - For Bluetooth, ensure it is paired correctly and the selected channel (Fn + 1-5) matches the paired device. Try re-pairing.
  - Try connecting via USB wired mode to rule out wireless issues.

- **RGB lights not working/displaying correctly:**

  - Ensure RGB is enabled (check the NYXI Driver App if installed).
  - Cycle through lighting modes using **Fn + Left Ctrl**.
  - Adjust brightness using **Fn + Arrow Up**.

- **Keys not registering:**

  - If a specific key is not working, the switch might be faulty. Utilize the hot-swappable feature to replace the switch with one of the spares provided.
  - Ensure no debris is lodged under the keycap or switch.

- **Connectivity issues (lag, disconnections):**

  - For wireless modes, ensure the keyboard is within range of the receiver/device and there are no significant obstructions.
  - Minimize interference from other wireless devices.
  - Ensure the keyboard's battery is sufficiently charged.

If issues persist, please refer to the Warranty & Support section for further assistance.

9. SPECIFICATIONS

Feature	Detail
Model Number	CA01

Connectivity Technology	2.4G Wireless, Bluetooth 5.0, USB-C Wired
Keyboard Description	Mechanical
Number of Keys	97 Keys
Compatible Devices	macOS, Windows 7 or later, iOS
Special Features	Backlit (RGB), Customizable Display Keys, Gasket Structure, Hot-Swappable
Keyboard Backlighting Color Support	RGB (22 modes)
Style	NGC Retro
Product Dimensions	15.32"L x 6.08"W x 1.3"H (38.91 x 15.44 x 3.3 cm)
Item Weight	3.56 pounds (1.61 kg)
Manufacturer	NYXI

10. WARRANTY AND SUPPORT

10.1 Warranty Information
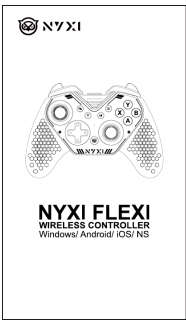
NYXI products are covered by a limited warranty against defects in materials and workmanship. Please refer to the official NYXI website or your purchase documentation for specific warranty terms and conditions, including duration and coverage details.
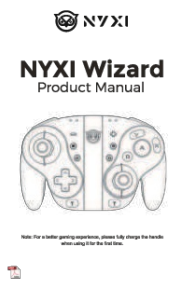
10.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact NYXI customer support through their official website. You may need to provide your product model number (CA01) and proof of purchase.

Thank you for choosing the NYXI Striker Retro Mechanical Gaming Keyboard.

Related Documents - CA01

[NYXI FLEXI Wireless Controller User Manual](#)
Comprehensive guide for the NYXI FLEXI Wireless Controller, detailing compatibility with Windows, Android, iOS, and NS, technical specifications, setup instructions, and safety precautions. Features include wireless connectivity, ergonomic design, and multiple platform support.

	[NYXI Wizard Controller User Manual: Setup, Features, and Troubleshooting](#) Comprehensive user manual for the NYXI Wizard gaming controller. Learn how to connect, customize turbo and macro functions, adjust vibration, and perform calibration for your Nintendo Switch. Includes product specifications and support contact.
	[NYXI NJ10 Controller User Manual and Specifications](#) This document provides a comprehensive guide to the NYXI NJ10 controller, including package contents, specifications, connection instructions for Nintendo Switch, PC (XInput and DInput modes), and NGC, as well as calibration and function details.
	[NYXI Wizard 2 Bluetooth Controller Manual](#) User manual for the NYXI Wizard 2 Bluetooth Controller, compatible with Nintendo Switch, NGC, Wii, and PC. Includes setup instructions, technical specifications, and calibration guides.
	[NYXI Warrior Bluetooth Controller User Manual](#) User manual for the NYXI Warrior Bluetooth Controller, detailing its features, specifications, and connection instructions for various platforms including Nintendo Switch, Windows, Android, iOS, and GameCube.
	[Nyxi Hyperion Pro Controller User Manual - Setup and Features](#) Comprehensive user manual for the Nyxi Hyperion Pro wireless Bluetooth controller for Nintendo Switch. Learn about setup, features, and usage.