Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

BOYI Yumi17

BOYI Y17 Aluminum Mechanical Numpad (Yumi17) User Manual

Model: Yumi17

1. Introduction

Thank you for choosing the BOYI Y17 Aluminum Mechanical Numpad. This compact, 17-key numeric keypad features a durable CNC-machined aluminum case, tri-mode connectivity (Bluetooth 5.0, 2.4GHz wireless, and Type-C wired), hot-swappable switches, and customizable RGB backlighting. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance.

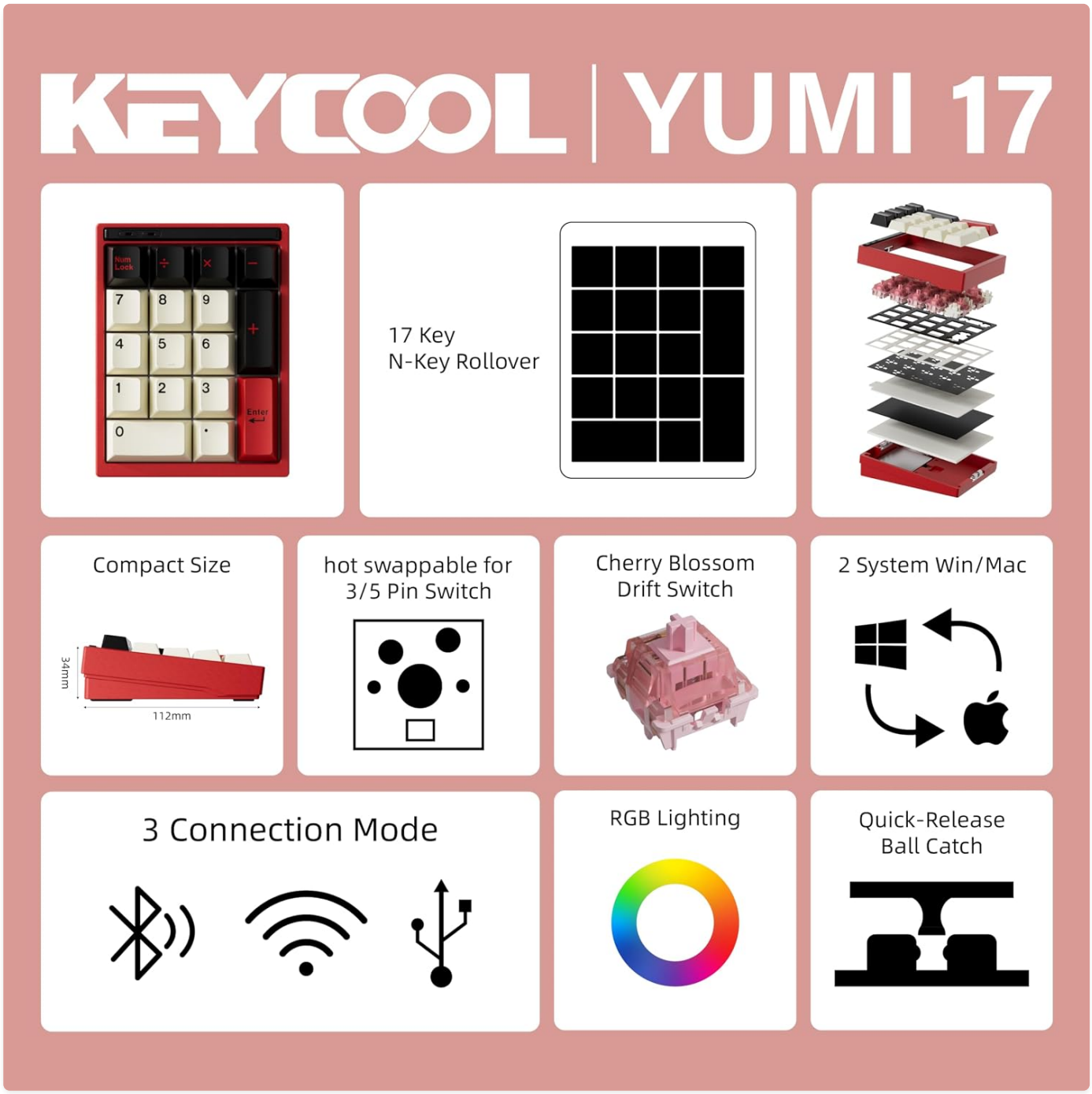


Image 1.1: The BOYI Y17 Aluminum Mechanical Numpad, showcasing its compact design and key layout.

2. What's in the Box

Please check the package contents upon unboxing:

- Yumi17 Aluminum Numeric Keypad
- User Manual
- Type-C Cable

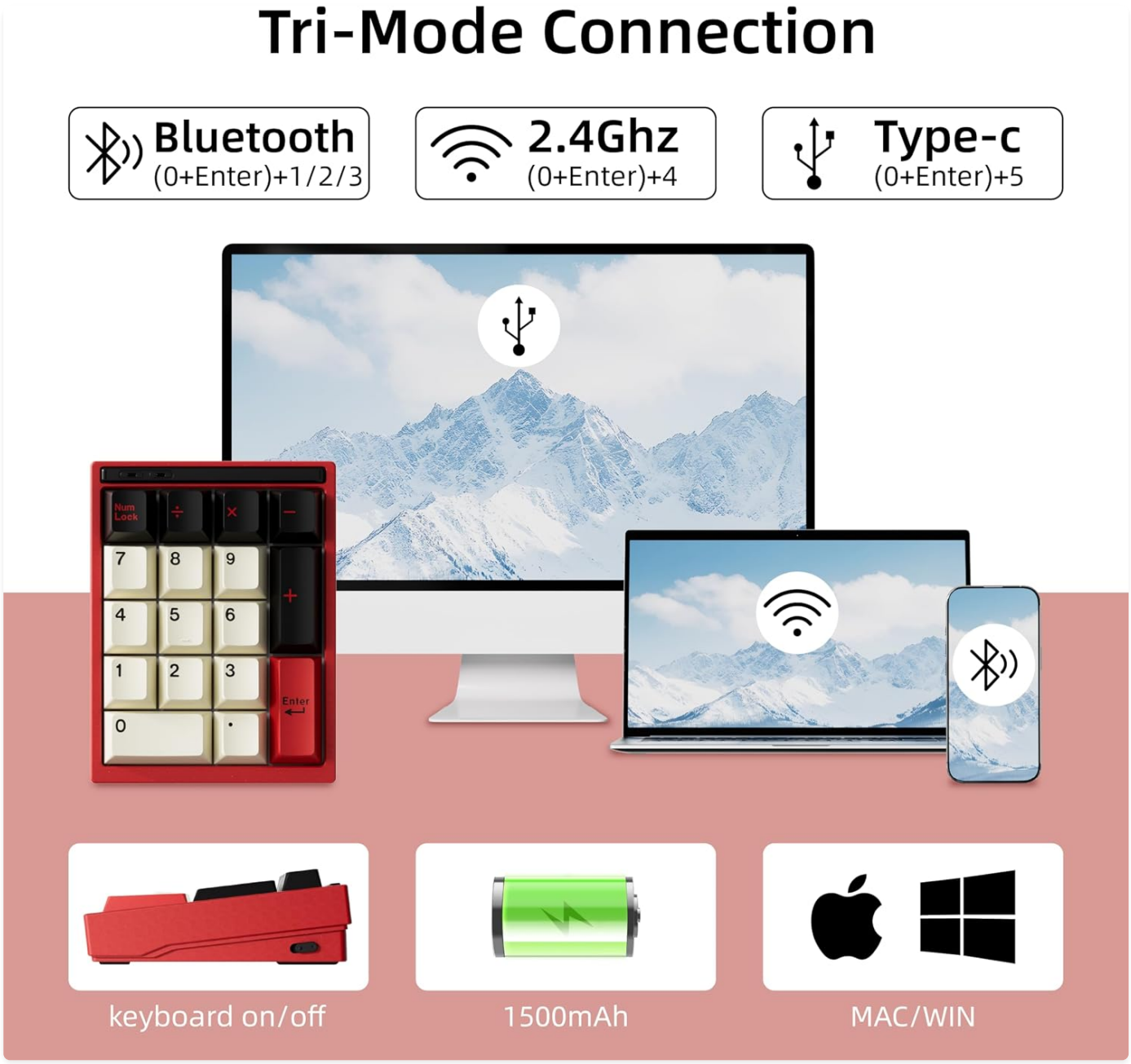


Image 2.1: Contents of the BOYI Y17 package, including the numpad, USB-C cable, and wireless dongle.

3. Product Overview

The BOYI Y17 (Yumi17) is designed for efficiency and customization. Key features include:

- **17-Key Layout:** Standard numeric keys, arithmetic operators, and Enter key.
- **CNC-Machined Aluminum Case:** Provides durability and a premium feel.
- **Tri-Mode Connectivity:** Seamless switching between wired, 2.4GHz wireless, and Bluetooth 5.0.
- **Hot-Swappable Sockets:** Compatible with 3-pin and 5-pin mechanical switches.
- **Gasket Mount Structure:** Enhances typing feel and reduces noise.
- **RGB Backlighting:** Customizable lighting effects.
- **Quick-Release Mechanism:** For easy maintenance and customization.

Image 3.1: Visual overview of the BOYI Y17's main features, including compact size, hot-swappable switches, connectivity modes, and

RGB lighting.

Image 3.2: The ergonomic design of the BOYI Y17, featuring stepped keycaps and non-slip rubber feet, with dimensions indicated.

Image 3.3: Exploded view illustrating the gasket mount structure of the BOYI Y17, showing layers like PBT keycaps, top cover, switch, PC positioning plate, foams, IXPE sheet, PCB, and bottom cover.

4. Setup and Connectivity

The BOYI Y17 supports three connection modes: Wired, 2.4GHz Wireless, and Bluetooth 5.0.

Image 4.1: Diagram showing the three connectivity modes: Bluetooth, 2.4GHz wireless, and Type-C wired, and how they connect to various devices.

4.1. Wired Connection

1. Connect the provided Type-C cable to the numpad's port.
2. Connect the other end of the cable to a USB port on your computer.
3. The numpad will be automatically recognized and ready for use.

4.2. 2.4GHz Wireless Connection

1. Locate the 2.4GHz USB receiver (dongle) in the package.
2. Plug the USB receiver into an available USB port on your computer.
3. On the numpad, switch the mode selector to 2.4G mode.
4. The numpad should connect automatically. If not, press **0 + Enter + 4** simultaneously for 3 seconds to initiate pairing.

4.3. Bluetooth Connection

The numpad supports up to three Bluetooth devices.

1. On the numpad, switch the mode selector to Bluetooth mode.
2. To enter pairing mode for Device 1, press and hold **0 + Enter + 1** for 3 seconds. The indicator light will flash rapidly.
3. On your device (PC, laptop, smartphone), go to Bluetooth settings and search for new devices.
4. Select "BOYI Yumi17" (or similar) from the list to connect.
5. Repeat steps 2-4 using **0 + Enter + 2** for Device 2, and **0 + Enter + 3** for Device 3.
6. To switch between paired Bluetooth devices, press **0 + Enter + 1/2/3** briefly.

Your browser does not support the video tag.

Video 4.1: A short demonstration of the 17-key practical compact layout of the BOYI Y17 Numpad, highlighting its design.

5. Operating Instructions

5.1. Basic Numpad Use

Once connected, the numpad functions as a standard numeric keypad. Ensure 'Num Lock' is active on your system if necessary.

5.2. RGB Backlighting

The BOYI Y17 features customizable RGB backlighting. Specific key combinations (often involving a dedicated function key or a combination like 'Fn' + a number key) are used to cycle through lighting modes, adjust brightness, and change colors. Refer to the included quick guide for exact key combinations for lighting control.

Your browser does not support the video tag.

Video 5.1: A brief overview of the wireless RGB numeric keypad, showcasing its quick-release feature and red color variant.

5.3. Macro Programming

The numpad supports macro programming for enhanced productivity. Dedicated software (usually available from the manufacturer's website) is typically required to configure custom key functions and macros. This software allows for keyboard settings, FN layer settings, macro editing, and light settings.

Image 5.1: Screenshot illustrating the personalized programmable features of the BOYI Y17, including keyboard settings, FN layer settings, macro editing, and light settings.

5.4. Battery Status

The numpad is equipped with a 1500mAh battery. To check the battery level, when the backlight is on, press **0 + Enter + .** to turn off the backlight; press **0 + Enter + .** again to turn on the backlight and display the battery percentage via indicator lights.

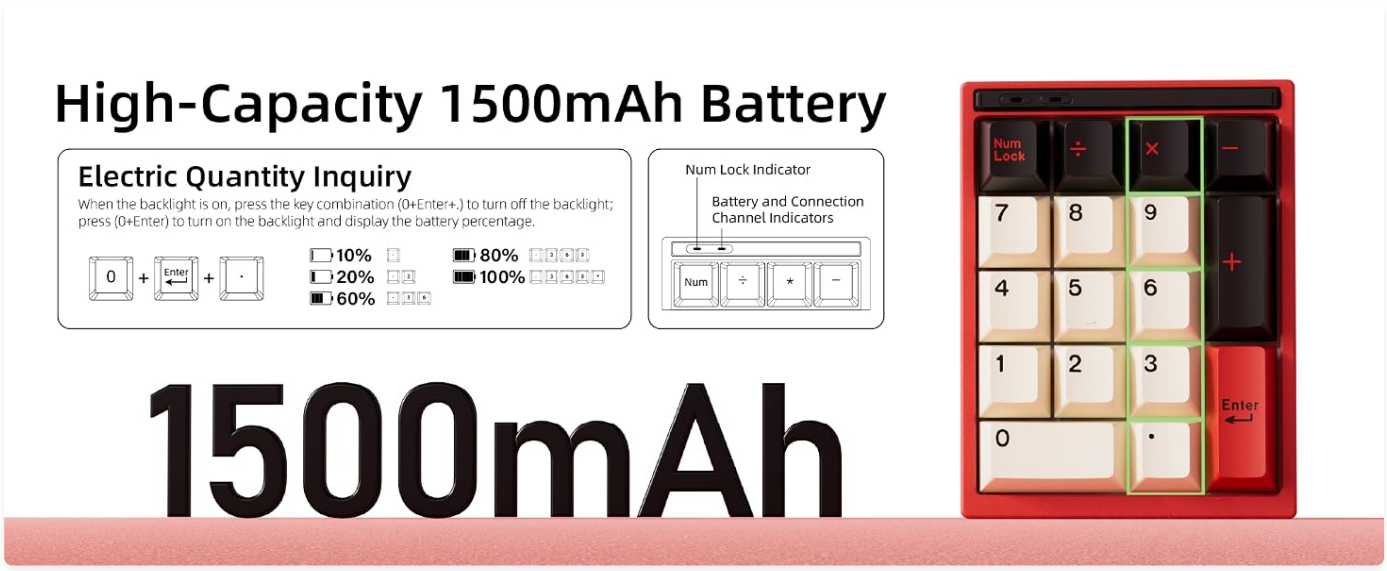


Image 5.2: Details on the high-capacity 1500mAh battery and how to inquire about the electric quantity using key combinations.

6. Maintenance and Customization

6.1. Cleaning

To clean the numpad, gently remove the keycaps using a keycap puller. Use a soft brush or compressed air to remove dust and debris from between the switches. The keycaps can be cleaned with a mild soap solution and a soft cloth, then air-dried completely before reattaching.

6.2. Quick-Release Mechanism

The BOYI Y17 features a quick-release mechanism for easy access to internal components. Pressing a specific button or combination (refer to quick guide) allows the top plate to detach, facilitating deeper cleaning or switch/keycap replacement without complex disassembly.

Image 6.1: Illustration of the quick-release ball catch mechanism, allowing for easy and fast removal of the numpad's top section.

6.3. Hot-Swappable Switches

The numpad's hot-swappable sockets allow you to change mechanical switches without soldering. Use a switch puller to carefully remove existing switches and insert new 3-pin or 5-pin compatible switches. Ensure the pins are aligned correctly before pressing them into place.

Image 6.2: Detailed view of the hot-swappable switch feature, showing compatibility with 3/5 pin switches and specifications for the Cherry Blossom Drift Switch.

Your browser does not support the video tag.

Video 6.1: A demonstration of the tri-mode hot-swap macro keypad, highlighting its versatility for various keyboards.

7. Troubleshooting

- **Numpad not responding:**
  - Ensure the numpad is charged.
  - Check the connection mode (wired, 2.4G, Bluetooth) and ensure it matches your device.
  - For wireless connections, try re-pairing the device.
  - Try connecting via the USB-C cable to rule out wireless issues.
- **Keys not registering:**
  - Ensure 'Num Lock' is active on your operating system.
  - Check for any physical obstructions under the keycaps.
  - If a specific key is not working, try swapping its switch with a working one to diagnose if it's a switch or socket issue.
- **Bluetooth connection unstable:**
  - Ensure the numpad is within range of your device.
  - Remove any potential sources of interference (other wireless devices).
  - Forget the device in your computer's Bluetooth settings and re-pair.
- **RGB lighting not working:**
  - Ensure the numpad has sufficient battery charge.
  - Check if the lighting is turned off or set to minimum brightness.
  - If using software, ensure lighting settings are correctly configured.

8. Specifications

Feature	Detail
Model	Yumi17
Keys	17
Connectivity	Bluetooth 5.0, 2.4GHz Wireless, Type-C Wired
Battery Capacity	1500mAh
Case Material	CNC-Machined Aluminum
Keycap Material	PBT
Switch Type	Hot-swappable (3-pin/5-pin compatible)
Backlighting	RGB
Dimensions (L x W x H)	4.4" x 3.4" x 1.28" (112mm x 86mm x 34mm)
Weight	8 ounces
Compatible OS	Windows, Mac OS, Android

9. Warranty Information

The BOYI Y17 Aluminum Mechanical Numpad comes with a**1-Year Limited Warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

10. Customer Support

For technical support, warranty claims, or any inquiries regarding your BOYI Y17 Numpad, please contact BOYI Customer Service:

- **Email:** boyiservice2020@163.com
- **Amazon Store:** Visit the official BOYI store on Amazon for FAQs and further assistance.

© 2026 BOYI. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0FSD7P5QZ

More documents and user manuals: **https://manuals.plus/**