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## Varmilo VXB81

# Varmilo Minilo VXB81 Mechanical Keyboard User Manual

Brand: Varmilo | Model: VXB81

## INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Varmilo Minilo VXB81 Mendozae Mechanical Keyboard. Please read this guide thoroughly to ensure optimal performance and longevity of your device.

## PACKAGE CONTENTS

Upon unboxing, please verify that all items listed below are present:

- Varmilo Minilo VXB81 Mechanical Keyboard
- USB-C Cable
- User Manual (this document)



Image: The Varmilo Minilo VXB81 Mechanical Keyboard, featuring a compact TKL layout with beige and pink double-shot ABS

keycaps and white LED backlighting.

## SETUP

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### 1. Wired Connection

1. Locate the USB-C port on the keyboard.
2. Connect one end of the provided USB-C cable to the keyboard.
3. Connect the other end of the USB-C cable to an available USB port on your computer.
4. The keyboard will be automatically recognized and ready for use.

### 2. Wireless Connection (Bluetooth)

1. Ensure the keyboard is charged or connected via USB-C initially.
2. Activate Bluetooth on your host device (Laptop, PC, Smartphone, Tablet).
3. On the keyboard, activate Bluetooth pairing mode (refer to specific key combinations in the Operating Instructions section).
4. On your host device, search for available Bluetooth devices and select "Varmilo Minilo VXB81" to pair.
5. The keyboard can connect to up to 3 devices via Bluetooth. Switch between paired devices using the designated key combinations.

## OPERATING INSTRUCTIONS

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### Basic Key Functions

The Varmilo Minilo VXB81 features a Tenkeyless (TKL) layout, providing a compact design while retaining essential keys. Standard QWERTY layout is provided. Refer to the keyboard layout image for keycap labels.

### Backlighting Control

The keyboard features single-color LED backlighting. Specific key combinations (often involving the 'Fn' key) are used to adjust brightness levels or toggle lighting effects. Consult the keyboard's quick start guide or manufacturer's software for detailed instructions on lighting customization.

### Battery Indicator

A flashing indicator light will warn you of a low battery status. The Escape key will illuminate while the keyboard is charging.

### N-Key Rollover (NKRO) and 6-Key Rollover

The keyboard supports N-Key Rollover (NKRO) in wired mode, allowing all keys to be registered simultaneously. In wireless mode, it supports 6-Key Rollover, meaning up to 6 keys can be registered at once.

## FEATURES

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- **Dual Connectivity:** Connects via wired USB-C cable or wireless Bluetooth.
- **Type-Cool Sound Dampening:** Incorporates sound dampening technology for a refined typing

experience.

- **Durable Keycaps:** Equipped with 1.5mm thick ABS Double Shot keycaps for enhanced durability and legend longevity.
- **Battery Status Indicators:** Features a flashing indicator light for low battery warnings and an illuminated Escape key during charging.
- **Multi-Device Bluetooth:** Capable of connecting to up to 3 devices simultaneously via Bluetooth.
- **Advanced Rollover:** Offers N-Key Rollover (NKRO) in wired mode and 6-Key Rollover in wireless mode for precise input.
- **Gasket Mount Structure:** Utilizes an improved gasket mount structure for a softer, more consistent typing feel.
- **Space-Saving Design:** Features a Tenkeyless (TKL) form factor, optimizing desk space without sacrificing essential functionality.

## SPECIFICATIONS

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Attribute	Detail
Product Dimensions	12.2" L x 12.75" W x 0.85" H
Manufacturer	Varmilo
ASIN	B0CL5J1W7P
Compatible Devices	Laptop, PC, Smartphone, Tablet
Connectivity Technology	Bluetooth, USB-C
Keyboard Description	Mechanical
Recommended Uses	Business, Education, Everyday Use, Gaming
Special Feature	Backlit
Color	Mendozae White (with Varmilo EC Sakura V2 switches)
Backlighting Color Support	Single Color
Style	Modern

## MAINTENANCE

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### Cleaning

To clean your keyboard, gently wipe the keycaps and chassis with a soft, lint-free cloth. For deeper cleaning, you may carefully remove keycaps using a keycap puller and clean underneath with compressed air or a small brush. Avoid using harsh chemicals or abrasive materials.

### Keycap and Switch Replacement

The Varmilo Minilo VXB81 features hot-swappable switches, allowing for easy replacement without soldering. Use a switch puller to carefully remove switches. When replacing, ensure the new switch pins align correctly with the PCB sockets to prevent damage. The ABS Double Shot keycaps are durable but can be replaced if

desired using a keycap puller.

## TROUBLESHOOTING

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### Connectivity Issues

- **Wired:** Ensure the USB-C cable is securely connected to both the keyboard and the computer. Try a different USB port or cable.
- **Bluetooth:** Verify Bluetooth is enabled on your host device. Ensure the keyboard is in pairing mode. Remove previous pairings from your device's Bluetooth settings and attempt to re-pair. Check keyboard battery level.

### Backlighting Not Working

- Check if the backlighting is turned off or set to the lowest brightness. Use the designated key combinations to adjust.
- Ensure the keyboard has sufficient battery charge if operating wirelessly.

### Keys Not Responding

- For individual keys, try removing the keycap and switch to check for debris or damage. Replace the switch if necessary.
- For multiple keys, check connectivity (wired/wireless) and battery status.

## WARRANTY AND SUPPORT

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