



Manuals.plus /

› DUKHARO /

› DUKHARO NightSmoker Mechanical Gaming Keyboard User Manual

## DUKHARO NightSmoker

# DUKHARO NightSmoker Mechanical Gaming Keyboard User Manual

Model: NightSmoker

## 1. INTRODUCTION

This manual provides detailed instructions for the DUKHARO NightSmoker Mechanical Gaming Keyboard. Please read this manual thoroughly before using the product to ensure proper operation and to maximize your experience with its features, including multi-mode connectivity, customizable RGB lighting, and hot-swappable switches.

## 2. PACKAGE CONTENTS

Verify that all items are present in the package:

- DUKHARO NightSmoker Mechanical Gaming Keyboard
- USB-C Cable
- 2.4GHz Wireless Receiver (USB Dongle)
- Keycap Puller / Switch Puller Tool



Image: DUKHARO NightSmoker Mechanical Gaming Keyboard, showcasing its design and the included MO V2 Green switches.

### 3. PRODUCT OVERVIEW

The DUKHARO NightSmoker is an 87-key tenkeyless mechanical keyboard featuring a gasket-mounted design for enhanced typing feel and sound. It supports multiple connectivity options and customizable RGB lighting.

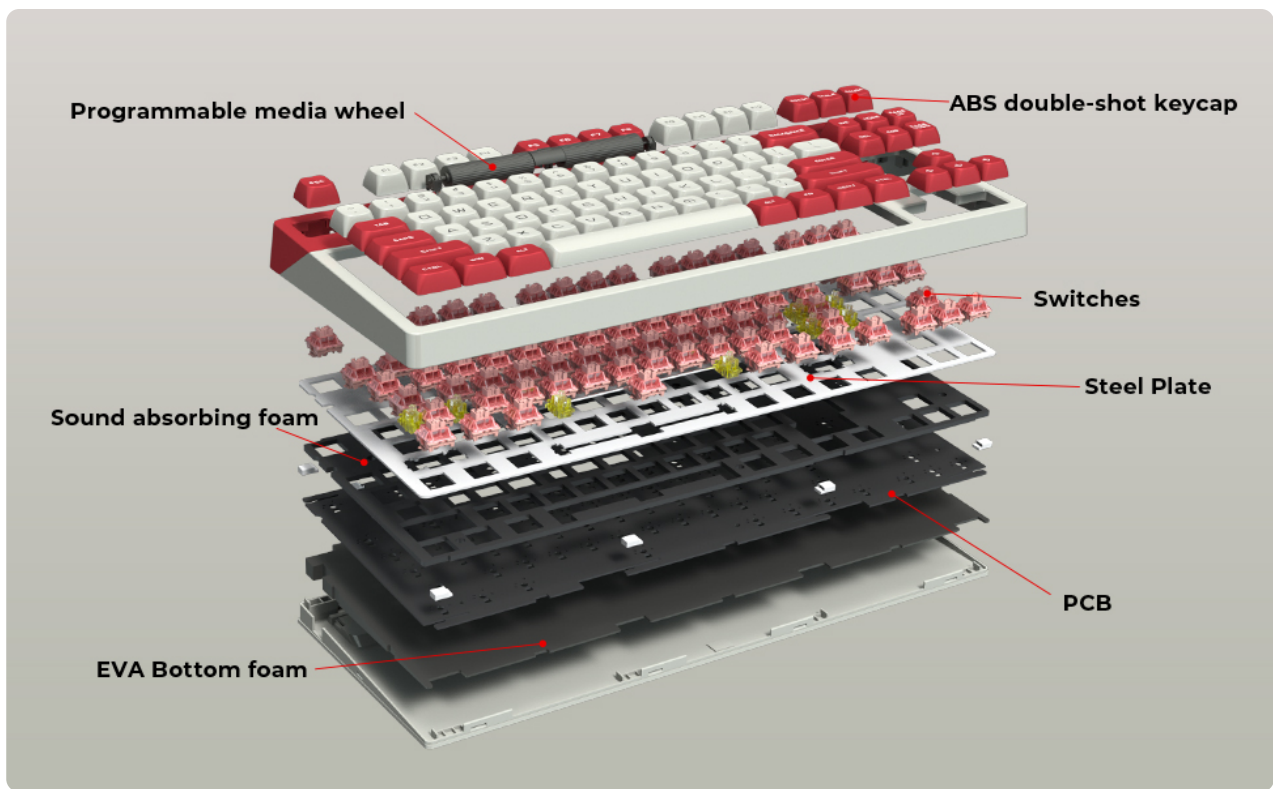


Image: Overview of the DUKHARO NightSmoker keyboard, illustrating its gasket mount, wireless modes, ABS double-shot keycaps, south-facing RGB, hot-swappable design, DUKHARO MO switches, and programmable wheel.

## Key Features:

- **87-Key Tenkeyless Layout:** Compact design for efficiency and comfort.
- **Hot-Swappable Sockets:** Allows for easy switch replacement without soldering.
- **Gasket-Mounted Design:** Provides a cushioned typing experience and improved acoustics.
- **DUKHARO MO V2 Green Switches:** Tactile switches with pre-lubrication.
- **Multi-Mode Connectivity:** Supports USB-C wired, 2.4GHz wireless, and Bluetooth 5.0 (up to 3 devices).
- **South-Facing RGB:** 18 lighting modes with adjustable brightness and 4 backlit modes.
- **Media Control Scroll Wheel:** Dedicated wheel for volume and backlight brightness control, customizable via software.
- **4000mAh Battery:** Extended wireless usage.

# Mo Green

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# Mo Pink

MO GREEN V2		MO PINK V2	
Top material	PC	Top material	PC
Bottom material	Nylon	Bottom material	Nylon
Stem material	POM	Stem material	POM
Pre-travel	2.0±0.5mm	Pre-travel	1.5-2.0mm
Total Travel	3.80mm	Total Travel	3.80mm
Operating force	47±10gf	Operating force	37±5gf
Switch Type	Tactile	Switch Type	linear

Image: Detailed view of DUKHARO MO V2 Green switches, including their material composition (PC top, Nylon bottom, POM stem) and operational specifications (pre-travel, total travel, operating force, switch type).

## 4. SETUP

### 4.1. Charging the Keyboard

Before first use, it is recommended to fully charge the keyboard. Connect the supplied USB-C cable to the keyboard's USB-C port and the other end to a powered USB port (e.g., computer, USB wall adapter). The charging indicator will show the charging status.

### 4.2. Wired Connection

To use the keyboard in wired mode:

1. Connect the USB-C cable to the keyboard and your computer.
2. Switch the keyboard to wired mode by pressing **Fn + 5**.
3. The keyboard will be recognized by your computer automatically.

### 4.3. 2.4GHz Wireless Connection

To connect via 2.4GHz wireless:

1. Locate the 2.4GHz USB receiver (dongle) stored in the keyboard's magnetic compartment.
2. Plug the USB receiver into an available USB port on your computer.
3. Switch the keyboard to 2.4GHz wireless mode by pressing **Fn + 4**.
4. The keyboard should connect automatically.

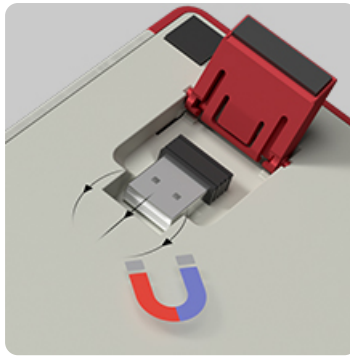


Image: The magnetic storage compartment for the 2.4GHz USB wireless receiver, located on the keyboard.

## 4.4. Bluetooth Connection

The keyboard supports up to three Bluetooth devices.

1. Switch the keyboard to one of the Bluetooth modes by pressing **Fn + 1**, **Fn + 2**, or **Fn + 3**.
2. To enter pairing mode, press and hold the selected **Fn + (1/2/3)** key combination for 3-5 seconds until the indicator light flashes rapidly.
3. On your device (PC, Mac, tablet, etc.), open Bluetooth settings and search for new devices.
4. Select "DUKHARO NightSmoker" from the list of available devices to pair.
5. Once paired, the indicator light will stop flashing and remain solid.

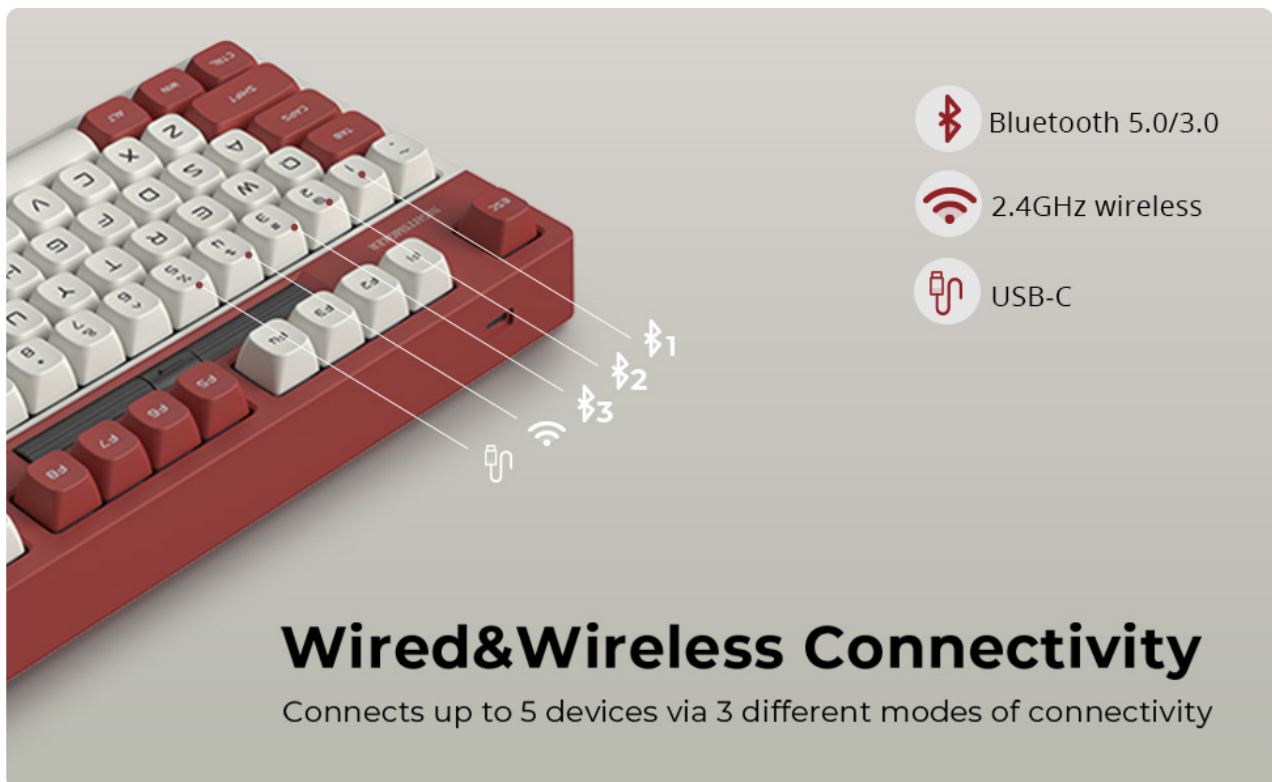


Image: The DUKHARO NightSmoker keyboard connected to a laptop, tablet, and desktop PC, demonstrating its ability to connect to up to 5 devices via wired and wireless modes.

## 5. OPERATING INSTRUCTIONS

### 5.1. Switching Between Connected Devices

The keyboard can connect to up to 5 devices (3 Bluetooth, 1 2.4GHz, 1 Wired). To switch between them:

- Press **Fn + 1**, **Fn + 2**, or **Fn + 3** to switch to a paired Bluetooth device.
- Press **Fn + 4** to switch to the 2.4GHz wireless connection.
- Press **Fn + 5** to switch to the USB wired connection.

## 5.2. RGB Lighting Control

The keyboard features south-facing RGB lighting with 18 light modes and 4 backlit modes. Use the following key combinations:

- **Fn + \|**: Cycle through RGB lighting modes.
- **Fn + ↑ (Up Arrow)**: Increase backlight brightness.
- **Fn + ↓ (Down Arrow)**: Decrease backlight brightness.
- **Fn + ← (Left Arrow)**: Adjust lighting speed/direction.
- **Fn + → (Right Arrow)**: Adjust lighting speed/direction.

## 5.3. Media Control Scroll Wheel

The dedicated scroll wheel provides quick access to media functions:

- **Left Side of Wheel**: Controls system volume (rotate left to decrease, right to increase).
- **Right Side of Wheel**: Controls keyboard backlight brightness (rotate left to decrease, right to increase).

The functions of the scroll wheel can be customized using the dedicated software.

## 5.4. Software Customization

The DUKHARO NightSmoker keyboard supports software for advanced customization, including:

- Key remapping
- Macro creation
- Customizing RGB lighting effects and colors
- Adjusting scroll wheel functions

Please visit the official DUKHARO website to download the latest software for your keyboard model.

# Remap the key you want with software



Image: The DUKHARO NightSmoker keyboard connected to a laptop, displaying the software interface for key remapping and lighting customization.

## 5.5. Hot-Swapping Switches

The keyboard features hot-swappable sockets, allowing you to change switches without soldering.

1. Using the keycap puller, carefully remove the desired keycap.
2. Using the switch puller tool, gently grip the top and bottom clips of the switch and pull it straight up.
3. Align the pins of the new switch with the holes on the PCB. Ensure the pins are straight.
4. Press the new switch firmly into place until it clicks.
5. Replace the keycap.

**Note:** Ensure the keyboard is disconnected or powered off before hot-swapping switches to prevent damage.



Image: A close-up view of the hot-swappable switch sockets on the keyboard's PCB, ready for switch installation or removal.

## 6. MAINTENANCE

### 6.1. Cleaning

- Disconnect the keyboard from your computer before cleaning.
- Use a keycap puller to remove keycaps for thorough cleaning.
- Use a soft brush or compressed air to remove dust and debris from between the keys.
- Wipe the keycaps and keyboard surface with a slightly damp, lint-free cloth. Avoid excessive moisture.
- Do not use harsh chemicals or abrasive materials.

### 6.2. Battery Care

- Avoid fully discharging the battery frequently.
- Store the keyboard in a cool, dry place if not used for extended periods.
- Charge the keyboard regularly to maintain battery health.

## 7. TROUBLESHOOTING

If you encounter issues with your DUKHARO NightSmoker keyboard, refer to the following common solutions:

Problem	Possible Solution
Keyboard not responding in wireless mode.	<ul style="list-style-type: none"> <li>• Ensure the keyboard is charged.</li> <li>• Verify the correct mode (2.4GHz or Bluetooth) is selected using Fn + 1/2/3/4.</li> <li>• For 2.4GHz, ensure the USB receiver is securely plugged in.</li> <li>• For Bluetooth, re-pair the device if necessary.</li> <li>• Try switching to wired mode to confirm basic functionality.</li> </ul>
RGB lighting not working or stuck.	<ul style="list-style-type: none"> <li>• Check backlight brightness using Fn + ↑/↓ or the scroll wheel.</li> <li>• Cycle through lighting modes using Fn + \ . </li> <li>• Ensure the keyboard battery is not critically low.</li> <li>• If using software, check its settings.</li> </ul>
Keys not registering or double-typing.	<ul style="list-style-type: none"> <li>• Ensure switches are fully seated in their sockets.</li> <li>• Try replacing the affected switch with a known working one.</li> <li>• Clean under the keycap and around the switch.</li> <li>• Update keyboard firmware if available.</li> </ul>
Scroll wheel behaving erratically.	<ul style="list-style-type: none"> <li>• Clean any debris around the scroll wheel.</li> <li>• Check for software conflicts or update keyboard software.</li> <li>• Consider resetting keyboard settings via software if the issue persists.</li> </ul>

## 8. SPECIFICATIONS

Feature	Detail
Model	NightSmoker
Layout	87-Key Tenkeyless
Switch Type	DUKHARO MO V2 Green (Tactile, Hot-Swappable)
Mounting Style	Gasket Mount
Keycaps	Double-shot ABS
Connectivity	USB-C Wired, 2.4GHz Wireless, Bluetooth 5.0 (3 channels)
Battery Capacity	4000mAh Lithium Polymer
Backlighting	South-facing RGB (18 modes, adjustable brightness)
Compatible OS	Windows, macOS
Dimensions	16.14 x 7.76 x 2.13 inches
Item Weight	3.65 pounds

## 9. WARRANTY AND SUPPORT

DUKHARO products are designed for reliability and performance. For warranty information, technical support, or to download the latest software and drivers, please visit the official DUKHARO website or contact customer service through your retailer.

Please retain your proof of purchase for warranty claims.