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› Outemu Blue Switches (65 Pack) Instruction Manual

outemu B095VWW4NT

Outemu Blue Switches (65 Pack) Instruction Manual

Model: B095VWW4NT

INTRODUCTION

Outemu Blue RGB Dustproof Switches are designed for mechanical keyboards, offering a distinct tactile and audible 'click' feedback. These switches are compatible with Cherry MX keycap mounts and are suitable for both hot-swappable and soldered PCBs. This manual provides essential information for the setup, operation, and maintenance of your Outemu Blue Switches.

WHAT'S IN THE BOX

Your package includes the following items:

- 65 Pieces Outemu Blue Switches
- 1 Stainless Steel Switch Puller



Image: Outemu Blue Switches packaged in a clear plastic container, accompanied by a metal switch puller, ready for installation or storage.

PRODUCT FEATURES

- **Compatibility:** Replacement switches for standard MX mechanical keyboards, including brands like Redragon, E-yooso, and Huo ji. Supports SMD lights, RGB plug-in lights, and round biped lights. Compatible with Cherry MX Switches and Keycaps.
- **Tactile & Clicky Feedback:** Provides a classic tactile feel with strong two-stage feedback and an audible 'click' sound, ideal for typists who enjoy crisp feedback.
- **Actuation Force:** 50gf actuation force for a satisfying, rhythmic typing experience.
- **User Preference:** Suitable for gamers and typists who prefer audible feedback and a tactile bump.
- **Durability:** Rated for approximately 50 million keystrokes.

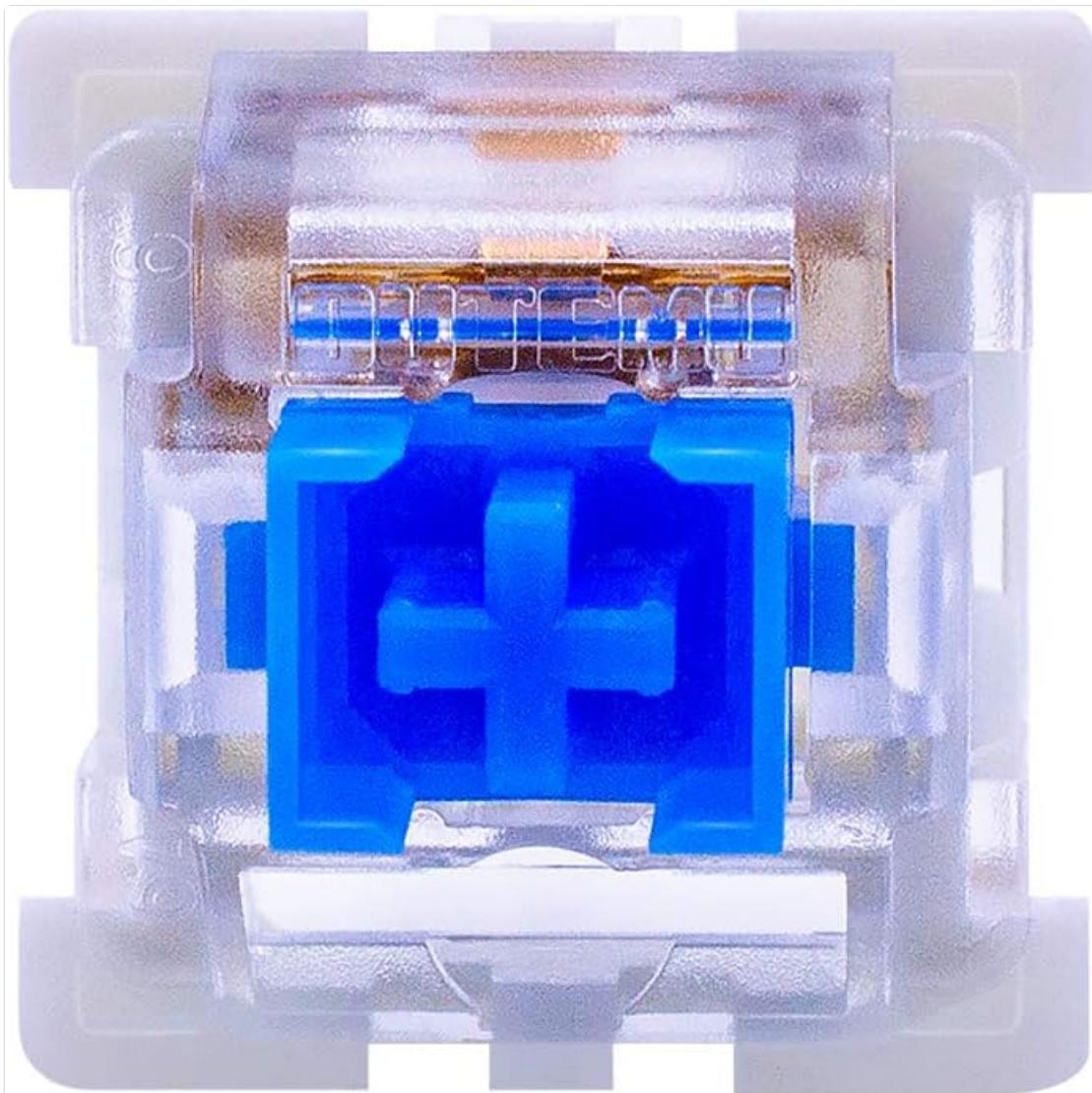


Image: A detailed close-up of an Outemu Blue Switch, highlighting its blue stem, clear top housing, and internal components, demonstrating its design.

SETUP AND INSTALLATION

These switches are designed for easy installation into compatible mechanical keyboards. Ensure your keyboard supports 3-pin MX-style switches, especially if it is hot-swappable.

1. **Remove Keycaps:** Use a keycap puller (not included) to carefully remove the keycaps from the

switches you intend to replace.

2. **Remove Old Switches:** If your keyboard is hot-swappable, use the provided switch puller to gently grip and pull out the existing switches. For soldered boards, desoldering will be required (professional installation recommended).
3. **Align New Switches:** Carefully align the two metal pins on the bottom of the Outemu Blue Switch with the corresponding holes on the keyboard PCB. Ensure the central stem is also aligned.
4. **Insert Switches:** Gently press the new switch into place until it clicks securely. Do not force the switch, as this can bend the pins. If resistance is met, remove the switch and check the pins for any bends.
5. **Test Functionality:** Before replacing keycaps, test each new switch to ensure it registers correctly and the RGB lighting (if applicable) functions as expected.
6. **Replace Keycaps:** Once all switches are installed and tested, place the keycaps back onto the switches.

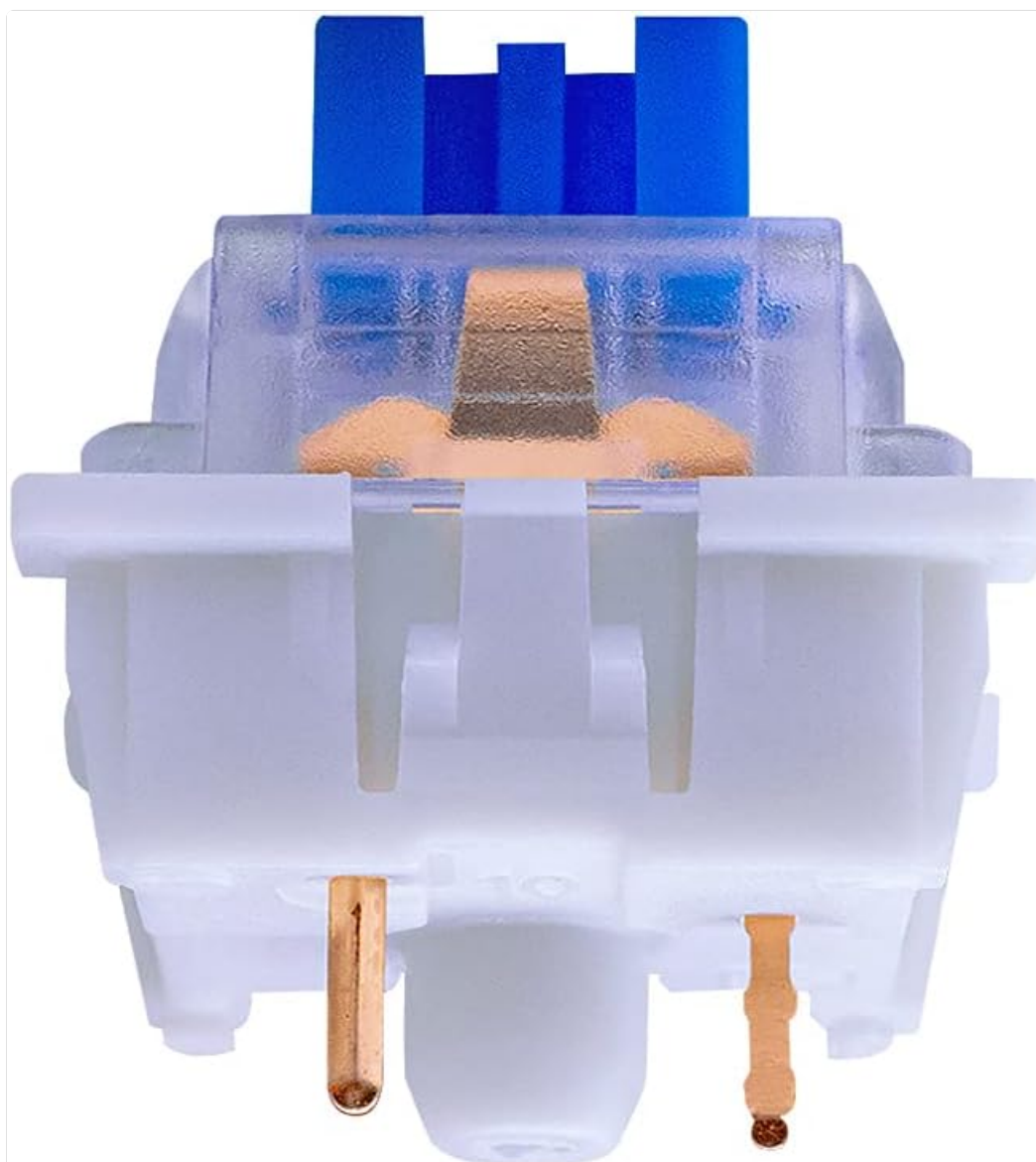


Image: The underside of an Outemu Blue Switch, clearly showing the two copper pins and the central plastic stem, which are crucial for proper installation into a keyboard PCB.

Your browser does not support the video tag.

Video: This video demonstrates the process of removing an old switch from a mechanical keyboard using a switch puller and installing a new Outemu switch. It highlights the careful alignment of pins and the final click into place.

OPERATING YOUR SWITCHES

Outemu Blue Switches provide a distinct tactile bump and an audible click with each keystroke, characteristic of clicky switches. This feedback is designed to enhance typing accuracy and provide a satisfying experience for users who prefer a clear indication of actuation.

The switches are compatible with RGB lighting systems, allowing for customizable backlighting effects on your mechanical keyboard. The dustproof design helps to protect the internal components from dust and debris, contributing to a longer lifespan and consistent performance.

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Video: This video showcases various Outemu mechanical switches, demonstrating their different types and the sound profiles they produce when pressed. It provides a visual and auditory overview of the switch characteristics.

MAINTENANCE

To ensure the longevity and optimal performance of your Outemu Blue Switches, consider the following maintenance tips:

- **Regular Cleaning:** Periodically remove keycaps and use compressed air to clear dust and debris from around the switches. A soft brush can also be used.
- **Avoid Liquid Spills:** While dustproof, excessive liquid exposure can still damage switches or the keyboard PCB. In case of a spill, immediately unplug the keyboard and allow it to dry completely before use.
- **Proper Handling:** When removing or installing switches, always use the appropriate tools (switch puller) and apply gentle, even pressure to avoid bending pins or damaging the switch housing.

TROUBLESHOOTING

If you encounter issues with your Outemu Blue Switches, refer to the following common problems and solutions:

- **Switch Not Registering:**
Solution: Remove the keycap and then the switch. Check if the metal pins are bent. Gently straighten any bent pins using tweezers and reinsert the switch carefully. Ensure it is fully seated.
- **Inconsistent Click/Feel:**
Solution: This can sometimes occur due to manufacturing variations or debris. Try removing the switch, cleaning it with compressed air, and reinserting. If the issue persists, consider replacing the switch.
- **RGB Lighting Issues:**
Solution: Ensure the switch is fully seated and the keyboard's software or firmware is up to date. Check for any physical obstructions or damage to the LED on the PCB.

SPECIFICATIONS

Feature	Detail
Switch Type	Clicky, Tactile
Actuation Force	~50g
Bottom-out Force	~65g
Pre-Travel	~2.2mm
Total Travel	~4.0mm
Lifespan	~50 million keystrokes
Compatibility	Cherry MX keycap mount, 3-pin PCBs
Color	Blue (stem)
Material	Copper, Nylon, Plastic
Item Weight	3.77 ounces (for 65 pcs)
Product Dimensions	5.71 x 4.29 x 1.89 inches (packaging)

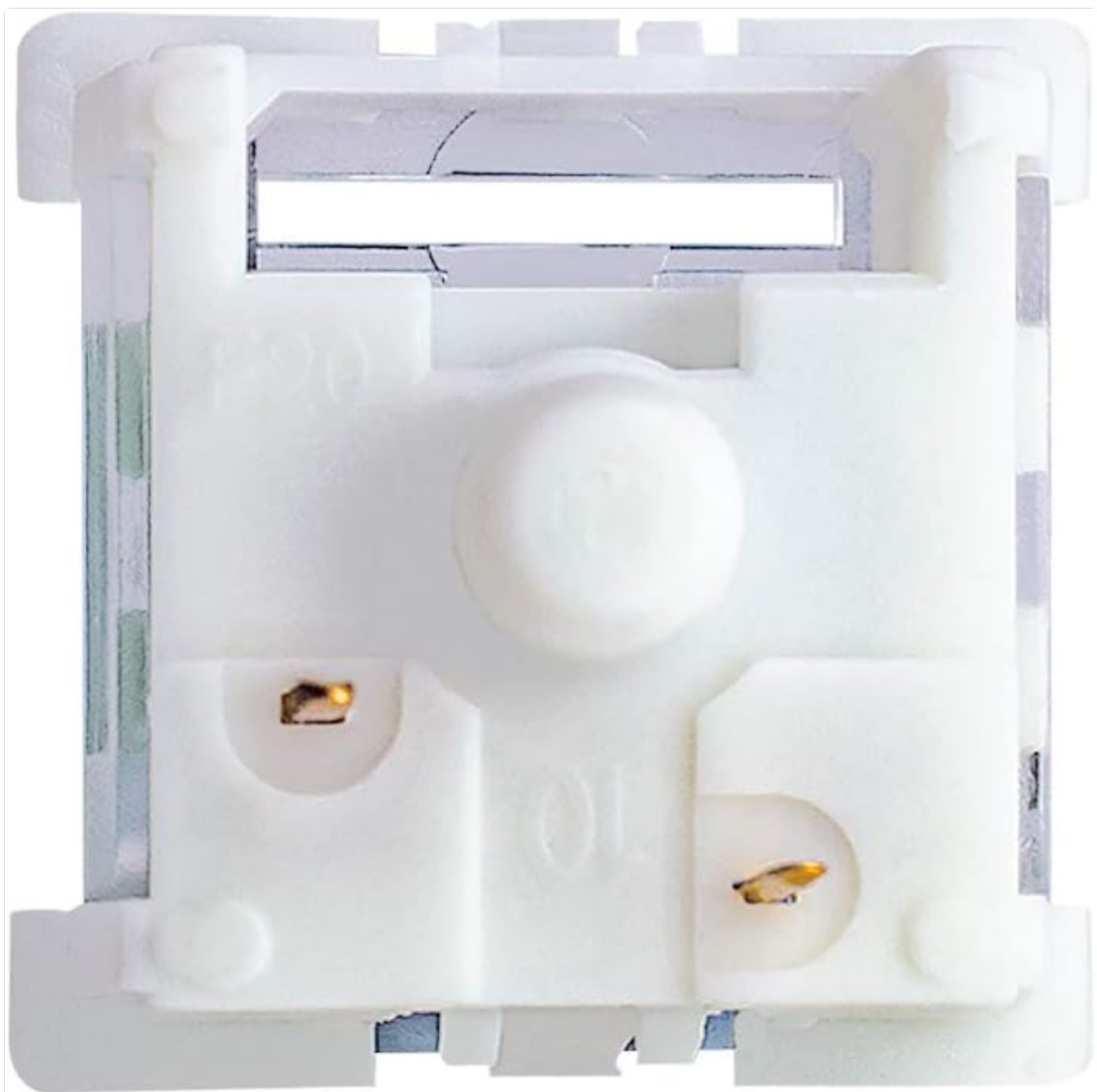


Image: A clear view of the bottom of an Outemu Blue Switch, detailing the two metal pins and the plastic housing structure that connects to the keyboard PCB.

WARRANTY INFORMATION

Warranty details for Outemu products are typically provided with your purchase or can be found on the official Outemu website. Please retain your proof of purchase for any warranty claims.

SUPPORT

For technical assistance, troubleshooting, or further inquiries regarding your Outemu Blue Switches, please refer to the official Outemu brand website or contact the seller directly through your purchase platform. Ensure you have your product model number and purchase details ready for efficient support.