

Realforce R3SB31

Realforce Topre R3S Keyboard (Topre 45g) User Manual

Model: R3SB31

INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your Realforce Topre R3S Full Size Keyboard. This keyboard features genuine Topre capacitive switches with a 45g actuation force, laser-printed PBT keycaps, and full N-Key Rollover (NKRO) support. It is designed for a comfortable and efficient typing experience across various applications.

Key features include:

- Full-size (104 + 4) layout for comprehensive functionality.
- Non-detachable USB-A cable for reliable connectivity.
- Durable laser-printed PBT keycaps.
- Full N-Key Rollover (NKRO) for accurate input.
- Genuine Topre capacitive switches for a unique tactile feel.
- Adjustable switch actuation point with 4 levels: 0.8mm, 1.5mm, 2.2mm, and 3.0mm.

SETUP

Follow these steps to set up your Realforce Topre R3S Keyboard:

1. **Unpacking:** Carefully remove the keyboard from its packaging. Ensure all components, including the keyboard and its integrated USB-A cable, are present.
2. **Placement:** Place the keyboard on a flat, stable surface. Ensure the keyboard sits evenly without wobbling.
3. **Connection:** Connect the non-detachable USB-A cable from the keyboard to an available USB-A port on your

computer (Laptop or PC). The keyboard is plug-and-play and should be recognized automatically by most operating systems.

4. **Software Installation (Optional):** To customize advanced features such as the Actuation Point Changer (APC) or key remapping, download and install the official Realforce R3 software from the manufacturer's website.



Image: Rear view of the Realforce R3S keyboard, highlighting the product label and the integrated USB-A cable connection point.



Image: Side profile of the Realforce R3S keyboard, illustrating its ergonomic design and keycap height.



Image: Screenshot of the Realforce R3 software interface, demonstrating options for customization including key remapping and actuation point adjustment.

The Realforce Topre R3S keyboard is designed for intuitive use. Here are some key operational aspects:

- **Standard Typing:** The keyboard functions as a standard full-size keyboard. Simply begin typing after connecting it to your computer.
- **N-Key Rollover (NKRO):** With full NKRO support, you can press multiple keys simultaneously without any missed inputs, which is beneficial for fast typists and gaming.
- **Actuation Point Changer (APC):** This feature allows you to adjust the key switch actuation point to your preference. The available settings are 0.8mm, 1.5mm, 2.2mm, and 3.0mm. A shorter actuation point (e.g., 0.8mm) registers key presses faster, while a longer one (e.g., 3.0mm) requires a deeper press. This can be configured using the Realforce R3 software.



Image: An exploded view of a Topre capacitive switch, illustrating the dome, spring, and slider components that contribute to its unique tactile feel.

フェザーキータッチ



Image: A force curve graph depicting the pressure required to actuate and release a Topre switch, highlighting its consistent 45g actuation.

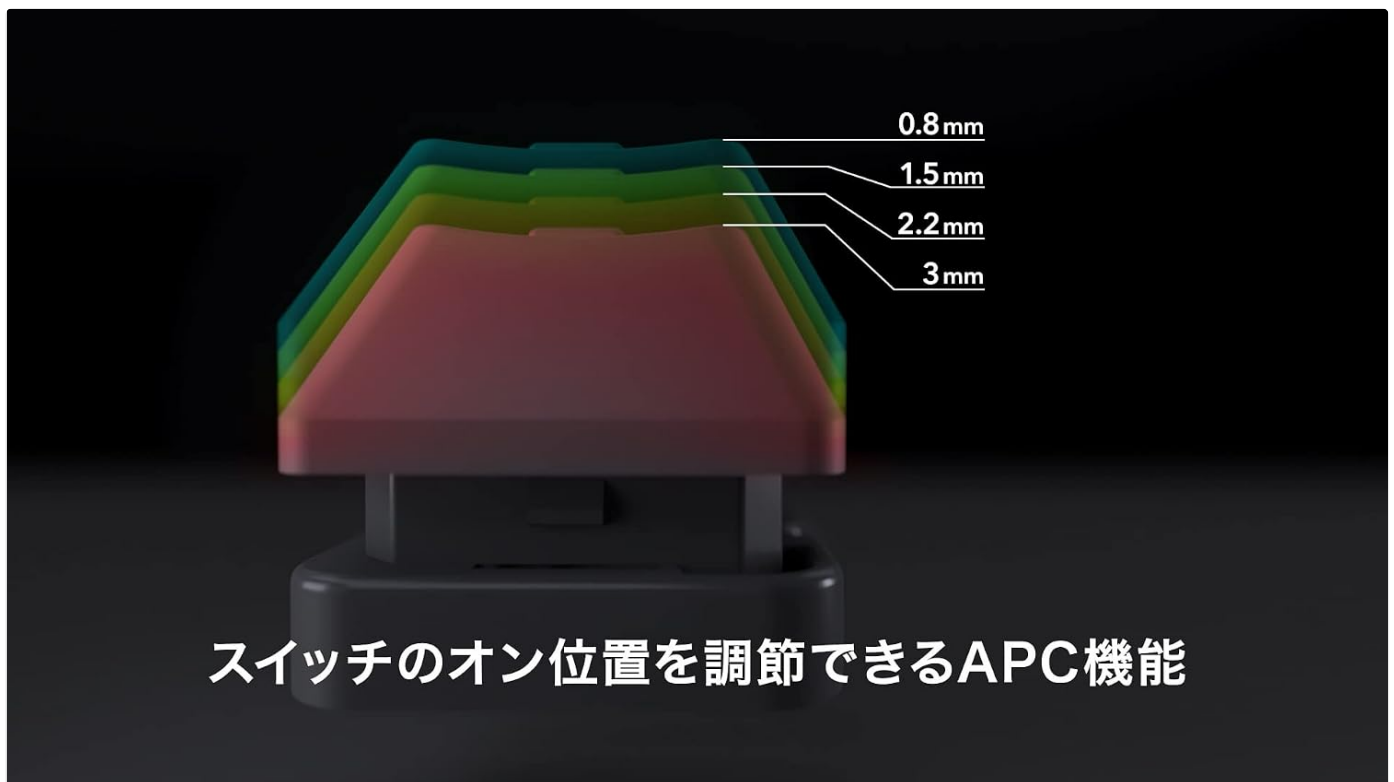


Image: A visual representation of the Actuation Point Changer (APC) feature, showing the four distinct actuation depths: 0.8mm, 1.5mm, 2.2mm, and 3.0mm.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Realforce keyboard:

- **Regular Cleaning:** Use a soft, lint-free cloth to wipe down the keycaps and keyboard surface. For dust and debris between keys, use compressed air.
- **Deep Cleaning (Keycaps):** If keycaps become excessively dirty, they can be carefully removed (using a keycap puller, if available) and cleaned with mild soap and water. Ensure they are completely dry before reattaching.
- **Avoid Liquids:** Do not spill liquids on the keyboard. If a spill occurs, immediately disconnect the keyboard from your computer and allow it to dry completely before reconnecting.
- **Storage:** When not in use for extended periods, store the keyboard in a clean, dry environment away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your Realforce Topre R3S Keyboard, refer to the following common solutions:

- **Keyboard Not Responding:**
 - Ensure the USB-A cable is securely connected to both the keyboard and your computer.
 - Try connecting the keyboard to a different USB port on your computer.
 - Restart your computer.
 - Test the keyboard on another computer to determine if the issue is with the keyboard or the original computer's setup.
- **Keys Not Registering or Double-Typing:**
 - Clean around and under the affected keycaps using compressed air to remove any debris.
 - Ensure the Realforce R3 software is up to date, as firmware updates can resolve such issues.
- **Keyboard Wobbles on Surface:**
 - Verify that the surface you are placing the keyboard on is completely flat and even.
 - Check the rubber feet on the underside of the keyboard for any damage or unevenness.
 - If the keyboard enclosure itself appears warped, contact customer support for assistance.
- **Actuation Point Issues:**
 - Ensure the Realforce R3 software is installed and you are correctly applying the desired actuation point settings.
 - Confirm that the settings are saved and applied to the keyboard.

SPECIFICATIONS

Feature	Detail
Brand	Realforce

Model Number	R3SB31
Layout	Full-size (104 + 4 keys)
Switch Type	Genuine Topre Capacitive Switches
Actuation Force	45g
Actuation Point Adjustment	0.8mm, 1.5mm, 2.2mm, 3.0mm
Keycaps	Laser printed PBT
Connectivity	USB-A (non-detachable cable)
N-Key Rollover	Full NKRO Supported
Product Dimensions	17.91 x 5.59 x 1.5 inches (45.49 x 14.20 x 3.81 cm)
Item Weight	3.08 pounds (1.4 kg)
Material	Acrylonitrile Butadiene Styrene (ABS)
Compatible Devices	Laptop, PC
Included in Box	USB Cable (integrated)

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official Realforce website. Realforce products typically come with a manufacturer's warranty covering defects in materials and workmanship.

If you require technical assistance, have questions about your product, or need to report an issue, please contact Realforce customer support through their official channels. You can usually find contact information on the manufacturer's website or in your product packaging.

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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