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› REALFORCE R3S Wired Keyboard User Manual (English Layout, 30g, Black)

## REALFORCE R3SB13

# REALFORCE R3S Wired Keyboard User Manual

Model: R3SB13

## INTRODUCTION

The REALFORCE R3S keyboard utilizes electrostatic capacitive non-contact switches, offering a unique typing feel, quiet operation, and high durability. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your R3S keyboard.

## IMPORTANT SAFETY INFORMATION

- Avoid exposing the keyboard to liquids or excessive moisture.
- Do not disassemble the keyboard. Unauthorized repairs may void your warranty.
- Keep the keyboard away from extreme temperatures and direct sunlight.
- Use only the provided USB cable for connection.
- If the keyboard malfunctions, disconnect it immediately and contact customer support.

## PACKAGE CONTENTS

- REALFORCE R3S Keyboard (Model R3SB13)
- USB Cable
- Instruction Manual (this document)

## SETUP

### 1. Connect the Keyboard

1. Locate an available USB-A port on your computer.
2. Insert the USB-A connector of the provided cable into the computer's USB-A port.
3. The keyboard is plug-and-play and should be recognized automatically by your operating system.

### 2. Software Installation (Optional)

1. To utilize advanced features such as Actuation Point Changer (APC) and key remapping, download and install the dedicated REALFORCE software from the official REALFORCE website.

2. Follow the on-screen instructions during installation.



Image: Back view of the keyboard, illustrating the USB cable connection and product information label.

## OPERATING INSTRUCTIONS

### Basic Operation

The REALFORCE R3S keyboard features a standard 108-key English (US ANSI) layout. Keys function as labeled.



Image: Top view of the REALFORCE R3S keyboard, displaying the complete English layout.

### Advanced Features

**Actuation Point Changer (APC):** This function allows you to adjust the key's actuation point (the depth at which a key press is registered) to 0.8mm, 1.5mm, 2.2mm, or 3mm. Adjustment is performed via the dedicated REALFORCE software. Refer to the software's help section for detailed instructions.

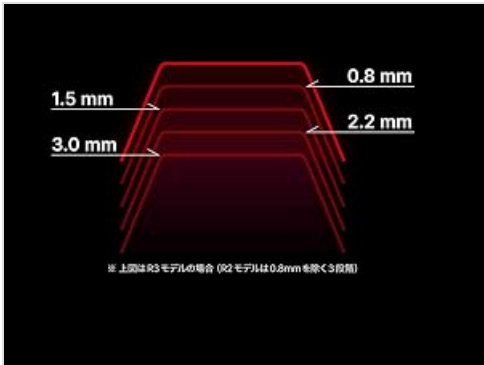


Image: Illustration of the Actuation Point Changer (APC) function, demonstrating different actuation depths.

**Customization Software:** The dedicated software provides extensive customization options. Features include key remapping, heatmap visualization, profile management, and fine-tuning APC settings.



Image: Screenshot of the REALFORCE R3 software, showing options for key remapping and other settings.

**Electrostatic Capacitive Non-Contact Switches:** The keyboard uses Topre switches, which register key presses without physical contact, providing a smooth, consistent, and highly durable typing experience.

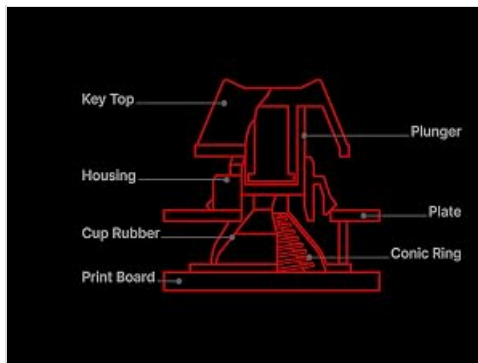


Image: Cross-section diagram illustrating the electrostatic capacitive non-contact switch mechanism.

**Silent keystrokes:** This model is designed for quiet operation, making it suitable for office environments or shared spaces. While significantly quieter than mechanical keyboards, some sound may still be produced during typing.

**N-Key Rollover:** The keyboard supports N-key rollover, allowing multiple keys to be pressed simultaneously without ghosting or missed inputs.

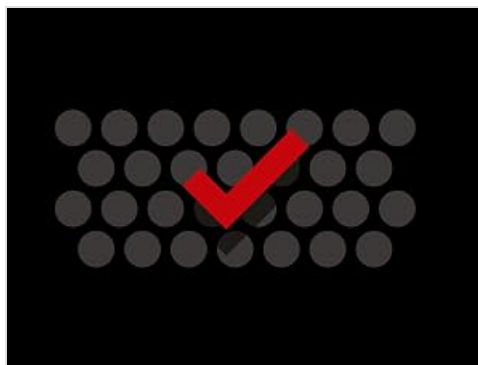


Image: Diagram showing multiple key presses being registered simultaneously, representing N-key rollover.

### Ergonomic Design:

- **Step-Sculpture Keycap Profile:** The keycaps are sculpted to match the natural curve of your fingertips, reducing strain during extended typing sessions.



Image: Side view of the keyboard highlighting the ergonomic step-sculpture keycap profile.

- **Feather-Touch Feel:** The 30g key load provides a light and responsive typing experience, minimizing finger fatigue.

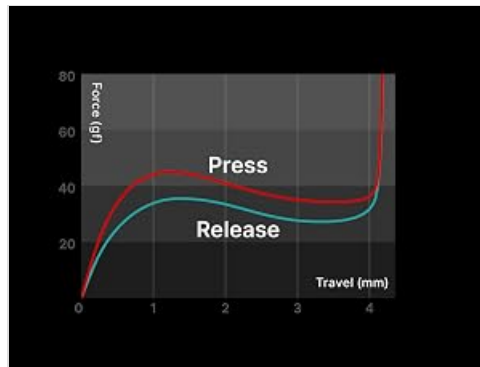


Image: Force-travel graph illustrating the feather-touch characteristic of the keys.

- **Hysteresis:** This feature ensures that the key release point is different from the actuation point, preventing accidental double-inputs and improving typing accuracy.

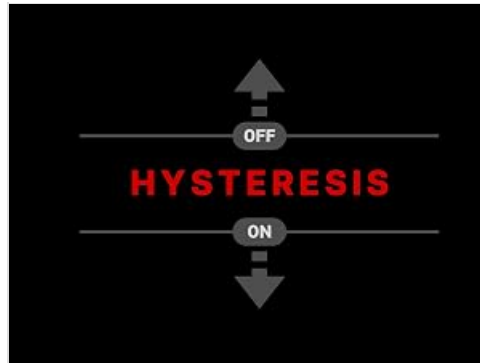


Image: Diagram illustrating the concept of hysteresis in key switch operation.

## MAINTENANCE

### Cleaning

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, dry cloth to wipe the surface of the keyboard.
- For stubborn dirt, lightly dampen the cloth with water or a mild cleaning solution. Avoid harsh chemicals.
- Use compressed air to remove dust and debris from between the keycaps.

### Storage

- Store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for an extended period, consider covering it to prevent dust accumulation.

## TROUBLESHOOTING

### • Keyboard not responding:

- Ensure the USB cable is securely connected to both the keyboard and the computer.
- Try connecting the keyboard to a different USB port on your computer.
- Restart your computer.
- Test the keyboard on another computer if possible to rule out a computer-specific issue.

### • Keys not registering or double-typing:

- This can sometimes be related to software settings. Check the REALFORCE customization software for any unusual settings.
- Ensure the keyboard is clean and free of debris under the keycaps.

- If the issue persists, contact customer support.

- **Actuation Point Changer (APC) not working:**

- Ensure the REALFORCE customization software is installed and running.
- Verify that the keyboard is properly recognized by the software.
- Check for any software updates.

## SPECIFICATIONS

| Feature                        | Detail                                                                                  |
|--------------------------------|-----------------------------------------------------------------------------------------|
| Brand                          | REALFORCE                                                                               |
| Model Number                   | R3SB13                                                                                  |
| Connectivity                   | USB-A (Wired)                                                                           |
| Key Switch Type                | Electrostatic Capacitive Non-Contact (Topre)                                            |
| Key Load                       | 30g                                                                                     |
| Layout                         | English (US ANSI)                                                                       |
| Number of Keys                 | 108                                                                                     |
| Color                          | Black                                                                                   |
| Product Dimensions (L x W x H) | 45.5 cm x 14.2 cm x 3.8 cm                                                              |
| Special Features               | Actuation Point Changer (APC), Key Remapping Support, Silent Keystrokes, N-Key Rollover |
| Manufacturer                   | Topre Corporation                                                                       |

## WARRANTY AND SUPPORT

### Warranty

This product comes with a 1-year manufacturer's free repair warranty. Please retain your proof of purchase for warranty claims.

### Support

For technical assistance, warranty service, or any inquiries regarding your REALFORCE R3S keyboard, please contact the REALFORCE Customer Center. Contact details can typically be found on the official REALFORCE website or on the product packaging.

### 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**