

Realforce R3HF21

Realforce Topre R3 Mac Wireless Keyboard User Manual

Model: R3HF21

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Realforce Topre R3 Mac Wireless Keyboard. Designed specifically for macOS, this full-size keyboard offers a premium typing experience with its unique electrocapacitive switches and versatile connectivity options.



Image: Realforce Topre R3 Mac Wireless Keyboard in white, showcasing its full layout.

Key Features:

- **macOS Compatibility:** Optimized for Apple's macOS operating system.
- **Full-size Layout:** Includes a numeric keypad for enhanced productivity.
- **Dual Connectivity:** Connects via wired USB-C or wireless Bluetooth 5.0.
- **Dye Sub PBT Keycaps:** Durable keycaps with legends that resist fading.
- **Full N-Key Rollover (NKRO):** Ensures every keystroke is registered, even during rapid typing.
- **Topre Electrocapacitive Switches:** Features 45g switches for a distinct tactile feel and quiet operation.

- **Wireless Power:** Operates wirelessly using 2 AA batteries (included).
- **Detachable USB-C Cable:** For wired connection and easy portability.

SETUP

System Requirements:

- **Bluetooth Connection:** Windows 10 or later, macOS 10.15 or later, iOS 14.0 or later, iPad OS 14.0 or later, Android 10.0 or later. Bluetooth 4.0 or later is required on the connecting device.
- **USB Connection:** Windows 10 or later, macOS 10.15 or later.

Package Contents:

- Realforce Topre R3 Mac Wireless Keyboard
- USB-C Cable
- 2 AA Batteries

Connecting the Keyboard:

1. **Insert Batteries:** Open the battery compartment on the underside of the keyboard and insert the two AA batteries, ensuring correct polarity.
2. **Wired Connection (USB-C):**
 - Connect one end of the provided USB-C cable to the keyboard's USB-C port.
 - Connect the other end to an available USB port on your computer.
 - The keyboard will be automatically recognized and ready for use.
3. **Wireless Connection (Bluetooth 5.0):**
 - Ensure the keyboard is powered on (if applicable, check for a power switch).
 - On your Mac, navigate to *System Settings* (or *System Preferences*) > *Bluetooth*.
 - Put the keyboard into Bluetooth pairing mode. (Specific key combination for pairing mode is usually indicated on the keyboard or in a quick start guide, often involving a Fn key and a Bluetooth key).
 - Select the "Realforce R3" keyboard from the list of available devices on your Mac and follow any on-screen prompts to complete pairing.

Note: If using the keyboard wirelessly, ensure the included AA batteries are installed. If connecting via USB-C, batteries are not required for operation but are necessary for wireless use.



Image: The Realforce R3 keyboard highlighting its Bluetooth 5.0 wireless connectivity.

OPERATING THE KEYBOARD

Key Functions:

The Realforce R3 Mac Wireless Keyboard features a standard full-size layout with Mac-specific function keys and modifiers (Control, Option, Command). Familiarize yourself with the key layout for optimal use.

Topre Electrocapacitive Switches:

This keyboard utilizes Topre electrocapacitive switches, known for their smooth, tactile feel and durability. Each key requires 45g of force to actuate, providing a comfortable and responsive typing experience.



Image: An exploded view illustrating the components of a Topre electrocapacitive switch.



Image: A force curve graph demonstrating the press and release characteristics of Topre switches.

Adjustable Actuation Point (APC) Function:

The keyboard features an Adjustable Actuation Point (APC) function, allowing you to customize the key registration depth. This can be adjusted via the Realforce software to suit your typing style, from 0.8mm for faster response to 3mm for more deliberate presses.

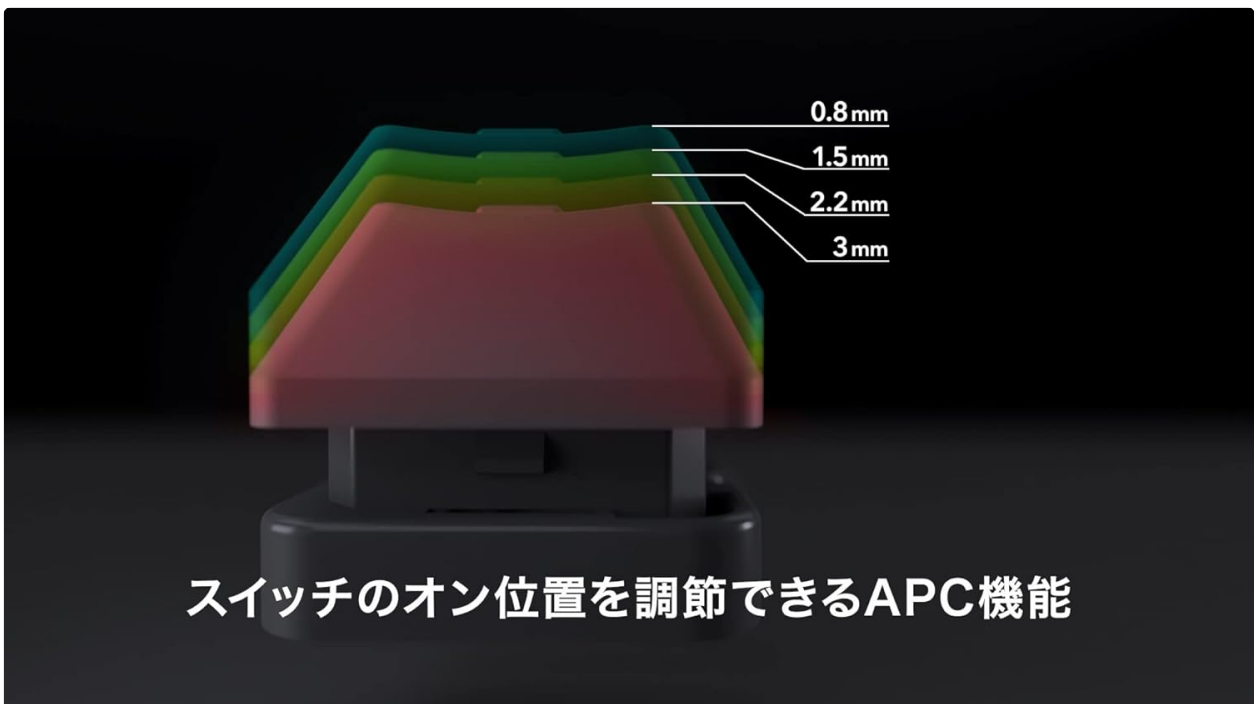


Image: Diagram illustrating the different adjustable actuation points (0.8mm, 1.5mm, 2.2mm, 3mm) for key presses.

Customizable Software:

Utilize the dedicated Realforce software (often referred to as "RF Connect" or similar) to customize key assignments, adjust APC settings, and manage other keyboard functions. This software provides advanced control over your typing experience.



Image: Screenshot of the Realforce customization software interface, showing options for key remapping and APC settings.



Image: A visual representation of various Realforce keyboards with different keycap color combinations, illustrating customization possibilities.

MAINTENANCE

Cleaning:

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the keycaps and casing.
- For dust and debris between keys, use compressed air.
- Avoid harsh chemicals, abrasive materials, or excessive moisture.

Battery Replacement:

When the keyboard's wireless performance degrades or the battery indicator (if present) signals low power, replace the two AA batteries. Ensure the keyboard is powered off before replacing batteries and insert new batteries with correct polarity.

TROUBLESHOOTING

Keyboard Not Responding:

- **Wired Connection:** Ensure the USB-C cable is securely connected to both the keyboard and your computer. Try a different USB port or cable.
- **Wireless Connection:**
 - Check if the keyboard is powered on and has sufficient battery charge. Replace batteries if necessary.
 - Verify that Bluetooth is enabled on your Mac and the keyboard is paired.
 - Try re-pairing the keyboard with your Mac.
 - Ensure the keyboard is within the effective range of your Mac's Bluetooth signal.

Connectivity Issues (Bluetooth):

- If the keyboard fails to connect via Bluetooth, ensure it is not simultaneously connected via USB-C. Some users have reported that the keyboard prioritizes USB-C connection, which can prevent Bluetooth pairing if batteries are low or absent.
- Restart your computer and the keyboard.
- Remove the keyboard from your Mac's Bluetooth device list and attempt to pair it again.

Software Not Recognizing Keyboard:

- Ensure the Realforce customization software is the latest version.
- Connect the keyboard via USB-C when attempting to use the software, as this often provides a more stable connection for configuration.
- Restart the software and your computer.

SPECIFICATIONS

Model Number	R3HF21
Brand	Realforce
Manufacturer	Topre Corporation
Product Dimensions	14.92 x 6.42 x 1.54 inches
Item Weight	3.52 pounds
Connectivity Technology	USB-C, Bluetooth 5.0
Keyboard Type	Electrocapacitive (Topre switches)

Switch Actuation Force	45g
Keycap Material	Dye Sub PBT (Polybutylene Terephthalate)
Power Source	2 AA batteries (wireless), USB-C (wired)
Color	White
Compatible Devices	Laptop, PC (macOS 10.15+, Windows 10+, iOS 14.0+, iPad OS 14.0+, Android 10.0+)

WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official Realforce website or contact their customer service directly.

You can also visit the [Realforce Store on Amazon](#) for additional product information and resources.