

Realforce C1HK11

Realforce Topre RC1 75% Bluetooth Keyboard Instruction Manual

Model: C1HK11

1. INTRODUCTION

The Realforce RC1 is a compact 75% form factor keyboard featuring genuine Topre capacitive switches. It offers versatile connectivity options including wired USB-C and wireless Bluetooth, allowing connection to up to four devices. Advanced features such as Actuation Point Changer (APC) and programmable ECO modes enhance user experience and battery efficiency. This manual provides essential information for setting up, operating, and maintaining your Realforce RC1 keyboard.

2. PACKAGE CONTENTS

- Realforce RC1 75% Bluetooth Keyboard
- Detachable USB-C Cable (70 inches)
- User Manual (this document)

Please ensure all items are present before proceeding with setup.

3. SETUP

3.1 Wired Connection

To connect the keyboard via a wired connection:

1. Locate the USB-C port on the keyboard.
2. Connect one end of the provided USB-C cable to the keyboard.
3. Connect the other end of the USB-C cable to an available USB port on your computer.
4. The keyboard will be automatically recognized and ready for use.

3.2 Bluetooth Pairing

The Realforce RC1 supports Bluetooth connectivity for up to four devices. To pair a device:

1. Ensure the keyboard is powered on.
2. On your device (computer, smartphone, tablet), enable Bluetooth and search for new devices.
3. On the keyboard, press and hold the **Fn** key along with one of the Bluetooth profile keys **Fn+1**, **Fn+2**, **Fn+3**, or **Fn+4** for approximately 3 seconds until the indicator light for that profile starts blinking rapidly. This indicates pairing mode.
4. Select "Realforce RC1" from the list of available Bluetooth devices on your device.
5. Follow any on-screen prompts to complete the pairing process. The indicator light on the keyboard will stop blinking and remain solid once connected.

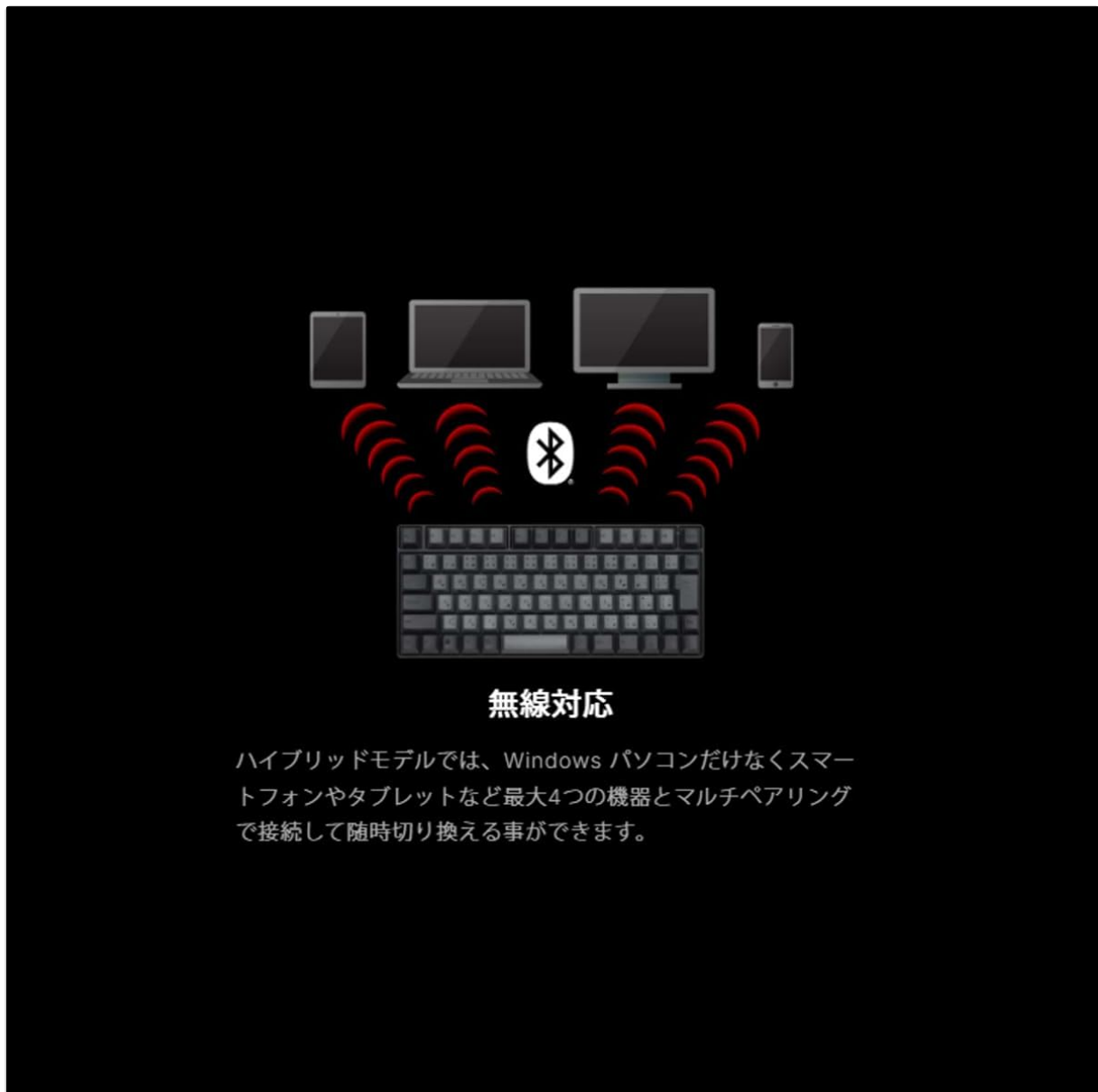


Figure 1: Wireless connectivity options for the Realforce RC1 keyboard, illustrating connection to a laptop, desktop, smartphone, and tablet.

4. OPERATING INSTRUCTIONS

4.1 Key Layout and Switches

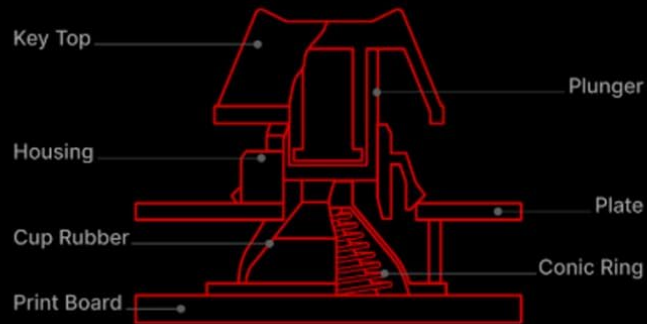
The Realforce RC1 features a 75% form factor, providing a compact layout while retaining essential keys. It utilizes genuine Topre capacitive switches, known for their unique tactile feel and durability. This specific model is equipped with Silent 45g switches, offering a quiet typing experience.



極上の打ち心地を持ち運ぶ

REALFORCE 史上最小・最軽量（横幅 295mm・重さ 0.6Kg）のデザインにより、どこにでも持ち運んで PC、タブレット、スマホなどにつなげて極上の打ち心地で文字入力できます。

Figure 2: Overview of the Realforce RC1 75% Bluetooth Keyboard layout.



静電容量無接点方式

キースイッチの電極が接することなく、一定レベルに近づくと回路が接続されてキー押下を認識するメカニズムにより、物理的な接点が無く、信頼性と耐久性に優れています。

Figure 3: Exploded view of a Topre capacitive switch, showing the key top, plunger, housing, cup rubber, plate, conic ring, and print board.

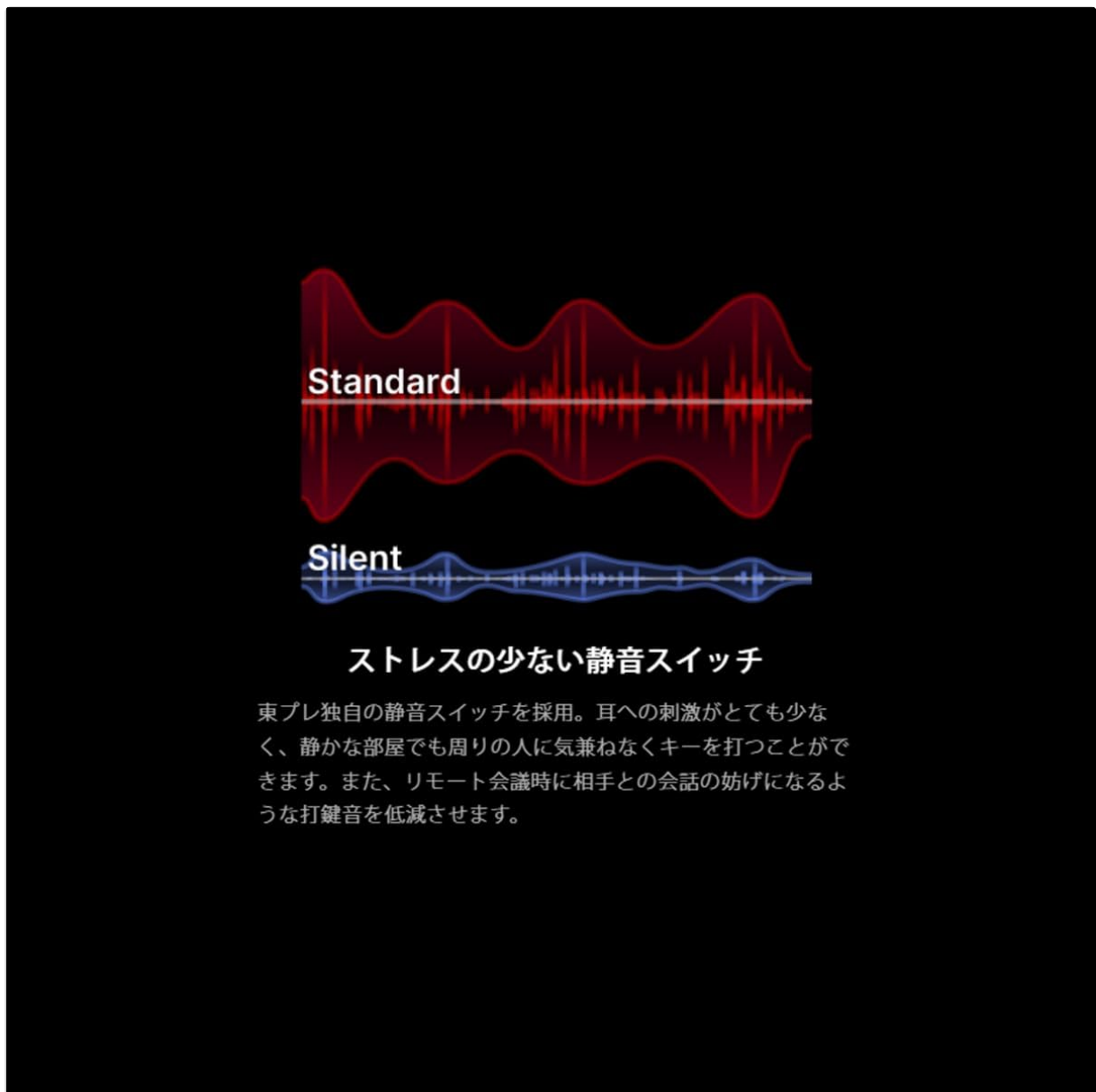
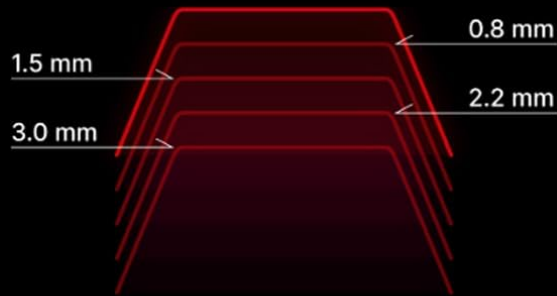


Figure 4: Visual representation of sound output from standard versus silent switches, highlighting the reduced noise of silent switches.

4.2 Actuation Point Changer (APC)

The APC feature allows you to adjust the actuation point of the Topre switches to one of four levels: 0.8mm, 1.5mm, 2.2mm, and 3.0mm. This customization can optimize the key switch response speed for different tasks, such as high-speed typing or gaming. Refer to the dedicated software for detailed APC configuration.



APC 対応

東プレ独自の APC (アクチュエーションポイントチェンジャー) 機能により、各キースイッチのオン位置を4段階 (0.8mm/1.5mm/2.2mm/3.0mm) で調節可能。キースイッチの反応速度を最適化できます。例えば、高速入力やゲーム用途に適した 0.8mm、1.5mm から誤入力を減らせる 3.0mm 設定まで、各キーごとに調節できます。

Figure 5: Illustration of the Actuation Point Changer (APC) feature, displaying different actuation depths.

4.3 ECO Modes

Programmable ECO modes are available to conserve battery life during wireless operation. These modes can be configured via the dedicated software to suit your usage patterns.

4.4 N-Key Rollover

The keyboard supports full N-key rollover, ensuring that every key press is registered accurately, even when multiple keys are pressed simultaneously.

5. CUSTOMIZATION (SOFTWARE)

The Realforce RC1 comes with dedicated software for advanced customization. This software allows you to:

- Adjust key maps to reassign key functions.
- Configure Actuation Point Changer (APC) settings for individual keys.
- Modify ECO mode settings for optimal battery management.
- Update firmware for new features and improvements.

Please refer to the software's built-in help or the official Realforce website for detailed instructions on using the customization software.

6. MAINTENANCE

6.1 Cleaning

To clean your keyboard:

- Disconnect the keyboard from your computer.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the keycaps and chassis.
- For deeper cleaning, use a keycap puller to carefully remove keycaps and clean underneath with compressed air or a small brush.
- Ensure the keyboard is completely dry before reconnecting.

6.2 Battery Charging

The keyboard contains a long-lasting rechargeable battery. When the battery level is low, connect the provided USB-C cable to the keyboard and a power source (e.g., computer USB port, USB wall adapter) to charge. The battery indicator light will show charging status.



長持ち充電バッテリー

1回の充電で約1ヶ月利用できる長持ちバッテリーです。

※ バッテリー駆動日数は使用条件等によって異なり、保証値ではありません。

Figure 6: Visual representation of the keyboard's battery charging status.

7. TROUBLESHOOTING

7.1 Connectivity Issues

- **Keyboard not responding (Wired):** Ensure the USB-C cable is securely connected to both the keyboard and the computer. Try a different USB port or cable.
- **Keyboard not responding (Bluetooth):** Verify that Bluetooth is enabled on your device and the keyboard is within range. Re-attempt the pairing process (Section 3.2). Ensure the correct Bluetooth profile (Fn+1/2/3/4) is selected.
- **Intermittent connection:** Move the keyboard closer to your device. Ensure there are no major obstructions or sources of interference (e.g., other wireless devices) between the keyboard and your device.

7.2 Typing Issues

- **Keys not registering:** Ensure the keyboard is properly connected and powered on. If using wireless, check battery level. Clean any debris from under the affected keycaps.
- **Incorrect characters:** Check your operating system's keyboard layout settings. If using the customization software, ensure no unintended key remappings are active.

8. SPECIFICATIONS

Feature	Detail
Model Number	C1HK11
Form Factor	75%
Switch Type	Genuine Topre Capacitive (Silent 45g)
Connectivity	Bluetooth, USB-C
Multi-Device Support	Up to four devices via Bluetooth
Keycaps	Dye Sub PBT
N-Key Rollover	Full N-key rollover
Special Features	Actuation Point Changer (APC), Programmable ECO modes, Dedicated software
Battery	1 Lithium Ion battery (included)
Item Weight	1.32 pounds
Package Dimensions	13.62 x 8.5 x 2.72 inches

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Realforce website. Keep your proof of purchase for warranty claims.