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- > [HP](#) /
- > [HP 970 Programmable Wireless Keyboard User Manual](#)

## HP 3Z729AA#ABA

# HP 970 Programmable Wireless Keyboard User Manual

Model: 3Z729AA#ABA

## 1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your HP 970 Programmable Wireless Keyboard. Designed for comfort and versatility, this keyboard offers multi-device connectivity and customizable features to enhance your productivity.

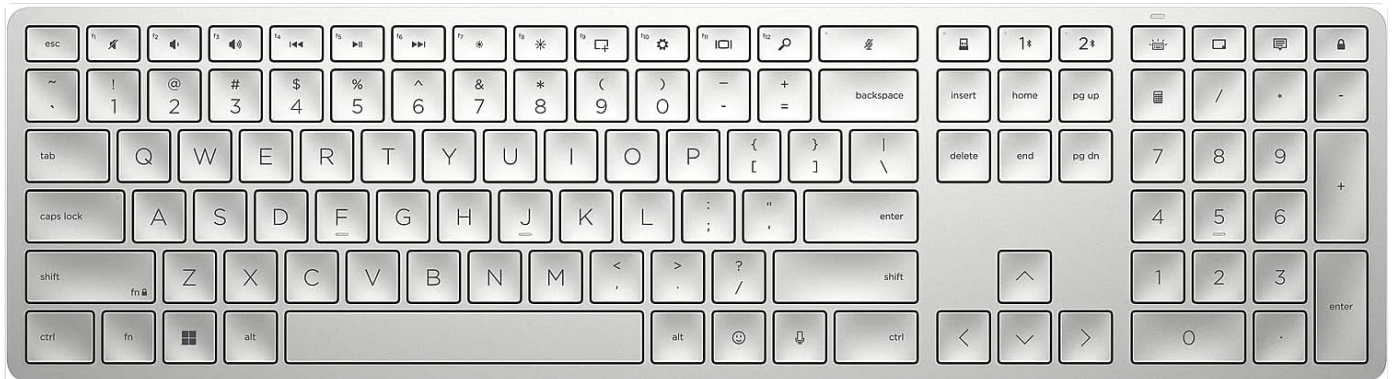


Figure 1.1: Top-down view of the HP 970 Programmable Wireless Keyboard, showcasing its full layout including the numeric keypad.

The HP 970 Programmable Wireless Keyboard features an ergonomic design with higher key height, contoured keys, and soft return technology for a comfortable typing experience. It supports connectivity with up to three devices via Bluetooth 5.0 and a 2.4GHz USB-A receiver, allowing seamless switching between Windows and macOS operating systems.

Key features include 24 programmable keys for quick access to functions and applications, customizable smart sensors for backlight intensity adjustment based on ambient light or proximity, and a long-lasting USB-C rechargeable battery providing over 6 months of use on a single charge.

## 2. SETUP

### 2.1 Unboxing and Initial Charge

Upon unboxing your HP 970 Programmable Wireless Keyboard, ensure all components are present:

- HP 970 Programmable Wireless Keyboard
- USB-A Receiver Dongle

- USB-C Cable (1.2m)
- Warranty Card
- Quick Setup Guide

Before first use, it is recommended to fully charge the keyboard using the provided USB-C cable. Connect the USB-C end to the keyboard's charging port and the USB-A end to a compatible USB power source (e.g., computer USB port, wall adapter).



Figure 2.1: Side view of the keyboard highlighting the USB-C charging port and power switch.

## 2.2 Connecting Your Keyboard

The HP 970 keyboard supports three connection methods: two Bluetooth 5.0 connections and one 2.4GHz wireless connection via the USB-A receiver.

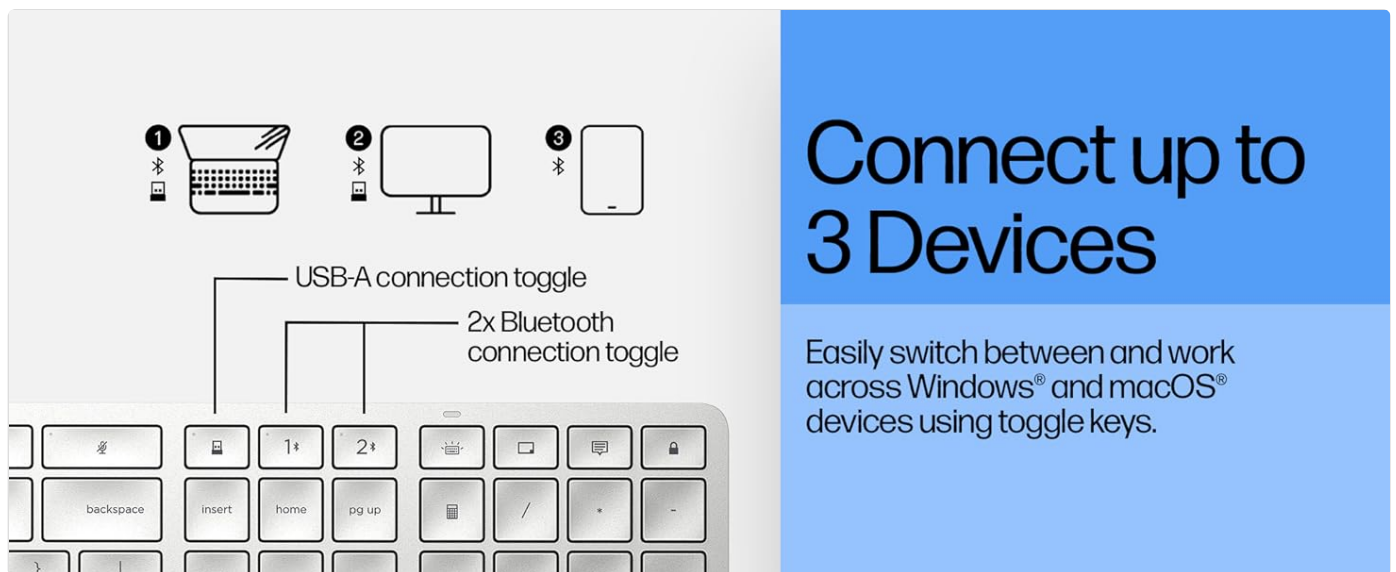


Figure 2.2: Illustration of connecting up to three devices using USB-A and Bluetooth toggles.

### 2.2.1 2.4GHz Wireless Connection (USB-A Receiver)

1. Locate the USB-A receiver dongle. It may be stored in a compartment on the keyboard or included separately in the packaging.
2. Insert the USB-A receiver into an available USB-A port on your computer.
3. Turn on the keyboard using the power switch located on the side.
4. The keyboard should automatically connect to the receiver. The connection indicator light on the keyboard will confirm successful pairing.

### 2.2.2 Bluetooth Connection

The keyboard can connect to two Bluetooth devices. Use the dedicated Bluetooth toggle keys (labeled 1 and 2) to switch between them.

1. Turn on the keyboard.
2. Press and hold one of the Bluetooth toggle keys (e.g., **Bluetooth 1**) for 3-5 seconds until the indicator light above the key begins to blink rapidly, indicating pairing mode.
3. On your device (computer, tablet, etc.), navigate to Bluetooth settings and search for new devices.
4. Select "HP 970 Keyboard" from the list of available devices.

5. Follow any on-screen prompts to complete the pairing process.
6. Repeat for the second Bluetooth connection using the other Bluetooth toggle key (**Bluetooth 2**) if desired.

*Note: For Windows 10 PCs, Microsoft Swift Pair allows for a two-step pairing process. Ensure Bluetooth is enabled on your PC and the keyboard is in pairing mode. A notification will appear on your PC to connect.*

## 2.3 Installing HP Accessory Center Software

To unlock the full customization features of your keyboard, including programmable keys and advanced backlight settings, download and install the HP Accessory Center (HPAC) software.

- For Windows: Download from the Microsoft Store.
- For macOS: Download from the Apple Store.

Once installed, launch HPAC and follow the on-screen instructions to configure your keyboard settings.

## 3. OPERATING YOUR KEYBOARD

### 3.1 Switching Between Connected Devices

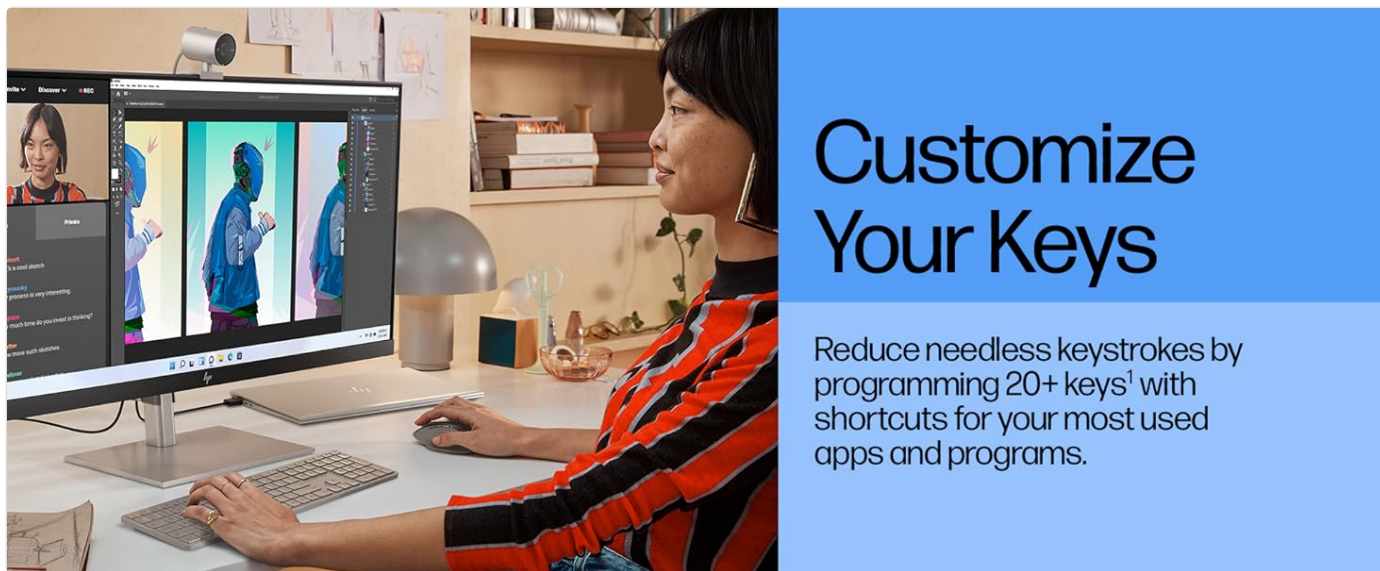
Once multiple devices are paired, you can easily switch between them using the dedicated toggle keys:

- Press the **USB-A connection toggle key** to switch to the device connected via the 2.4GHz USB-A receiver.
- Press the **Bluetooth 1 toggle key** to switch to the first Bluetooth-paired device.
- Press the **Bluetooth 2 toggle key** to switch to the second Bluetooth-paired device.

The indicator light above the active connection key will illuminate to show which device is currently in use.

### 3.2 Programmable Keys

The HP 970 keyboard features 24 programmable keys, allowing you to assign custom shortcuts for frequently used applications, functions, or macros. This feature significantly reduces keystrokes and enhances workflow efficiency.



*Figure 3.1: Customize your keys using the HP Accessory Center software.*

To program keys:

1. Ensure the HP Accessory Center (HPAC) software is installed and running on your connected device.
2. Open HPAC and navigate to the keyboard settings.
3. Select the key you wish to program.
4. Choose the desired function, application shortcut, or macro from the available options.

5. Save your changes.

### 3.3 Backlight Features

The keyboard features intelligent backlighting that adjusts based on ambient room lighting and your proximity to the keyboard. This optimizes battery life and provides comfortable visibility.

- **Automatic Adjustment:** Smart sensors detect ambient light and adjust backlight intensity accordingly.
- **Proximity Detection:** The backlight can automatically turn on when you approach the keyboard and turn off when you move away.
- **Manual Control:** You can manually adjust backlight intensity, turn it on/off, and set a sleep timer through the HP Accessory Center software.

### 3.4 Ergonomics and Typing Experience

The HP 970 keyboard is designed for all-day comfort. Its features contribute to a superior typing experience:

- **Higher Key Height:** Provides a more natural and comfortable typing posture.
- **Contoured Keys:** Dished finger-shaped keys cradle your fingertips, reducing typing fatigue.
- **Soft Return Technology:** Ensures quiet and consistent key presses.
- **Adjustable Legs:** The keyboard includes adjustable legs on the underside to customize the typing angle to your preference.



Figure 3.2: The keyboard's adjustable legs allow for a customized typing angle.

## 4. MAINTENANCE

### 4.1 Cleaning Your Keyboard

To maintain optimal performance and appearance, clean your keyboard regularly:

- Turn off the keyboard before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive cleaning solution to wipe down the keys and surface.
- For dust and debris between keys, use compressed air.
- Avoid spraying liquids directly onto the keyboard.

### 4.2 Battery Care

The HP 970 keyboard is equipped with a long-lasting rechargeable battery. Follow these guidelines for optimal battery life:

- Recharge the battery using the provided USB-C cable when the low battery indicator appears.
- Avoid completely draining the battery frequently.
- Store the keyboard in a cool, dry place when not in use for extended periods.
- The battery life is rated for over 6 months based on typical usage (5 days a week, 8 hours per day). Actual battery life may vary.



Figure 4.1: The USB-C port for recharging the keyboard's long-lasting battery.

## 5. TROUBLESHOOTING

If you encounter issues with your HP 970 Programmable Wireless Keyboard, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Keyboard not responding.	Low battery, incorrect connection mode, out of range, receiver issue (for 2.4GHz), Bluetooth not paired.	Charge the keyboard. Ensure the correct connection toggle key (USB-A, Bluetooth 1, or Bluetooth 2) is selected. Move the keyboard closer to your device/receiver. For 2.4GHz, try plugging the receiver into a different USB port. For Bluetooth, re-pair the keyboard with your device.
Keys are not programmable.	HP Accessory Center (HPAC) not installed or not running, software glitch.	Download and install HPAC from the Microsoft Store or Apple Store. Ensure HPAC is open and recognizes your keyboard. Restart HPAC or your computer.

Problem	Possible Cause	Solution
Backlight not working or dim.	Low battery, ambient light too bright, proximity sensor blocked, backlight setting off in HPAC.	Charge the keyboard. Check ambient light conditions. Ensure nothing is blocking the proximity sensor. Adjust backlight settings in HPAC.
Difficulty switching between devices.	Incorrect toggle key pressed, device not properly paired.	Ensure you are pressing the correct toggle key for the desired device. Verify that all devices are correctly paired (refer to Section 2.2).

If the problem persists after trying these solutions, please refer to the support section or contact HP customer support.

## 6. SPECIFICATIONS

Detailed technical specifications for the HP 970 Programmable Wireless Keyboard:

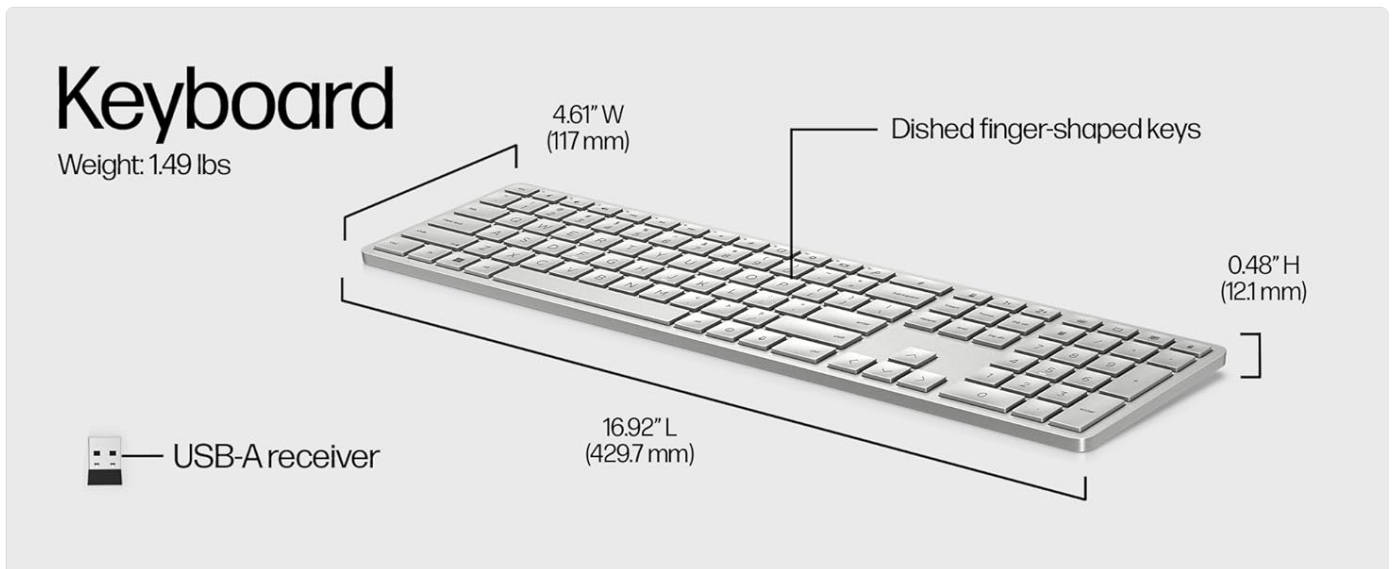


Figure 6.1: Key dimensions and features of the HP 970 Programmable Wireless Keyboard.

Feature	Detail
Model Number	3Z729AA#ABA
Connectivity Technology	Bluetooth 5.0, 2.4 GHz Wireless (USB-A Receiver)
Compatible Devices	Laptop, PC, Mac
Operating System Compatibility	Windows 10, Windows 11, macOS
Programmable Keys	24
Battery Type	Rechargeable (USB-C)
Estimated Battery Life	Over 6 months (based on 5 days/week, 8 hours/day usage)
Dimensions (L x W x H)	16.92 x 4.61 x 0.48 inches (429.7 x 117 x 12.1 mm)

Feature	Detail
Item Weight	1.49 pounds (0.67 kg)
Color	Natural Silver
Material	Made with 20% post-consumer recycled plastics

## 7. WARRANTY AND SUPPORT

### 7.1 Warranty Information

Your HP 970 Programmable Wireless Keyboard comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms, conditions, and duration of coverage. Keep your proof of purchase for warranty claims.

### 7.2 Customer Support

For further assistance, technical support, or to download the latest drivers and software updates, please visit the official HP support website:

<https://support.hp.com>

You can also find helpful resources and community forums on the HP website. For software-related queries regarding programmable keys and settings, refer to the HP Accessory Center (HPAC) documentation or help section within the application.