HUION K20

HUION Keydial Mini Bluetooth Programmable Keypad

Model: K20
Brand: HUION

Introduction Package Contents Product Overview Setup Operation Battery & Charging Compatibility Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

The HUION Keydial Mini is a compact and versatile Bluetooth programmable keypad designed to enhance efficiency for digital artists, designers, and other creative professionals. Featuring a customizable dial controller and 18 programmable keys, this device provides quick access to frequently used shortcuts, streamlining your workflow across various software applications.
Its wireless Bluetooth 5.0 connectivity offers freedom of movement, while its portable design and long battery life make it an ideal companion for both studio and on-the-go use.

2. Package Contents

Please verify that all items are present in the package:

- HUION Keydial Mini Bluetooth Programmable Keypad
- USB Cable (for charging and wired connection)
- Stickers (for key customization)
- Quick Guide





Image: The HUION Keydial Mini, USB cable, stickers, and quick guide as included in the product packaging.

3. Product Overview

Familiarize yourself with the components of your Keydial Mini:



Image: A detailed breakdown of the Keydial Mini's features, including the Dial, USB-C Charging Port, 18 Fully-customized Keys, Power Button, Scissor Mechanism, and Indicator Light.

- **Dial Controller:** A multi-functional rotary dial for quick adjustments.
- **USB-C Charging Port:** For charging the device and connecting via wired mode.
- **Programmable Keys:** 18 keys that can be customized for various shortcuts.
- **Power Button:** To turn the device on or off.
- **Indicator Light:** Provides status information (e.g., battery, connection).
- **Scissor Mechanism:** Ensures a comfortable and responsive key press.

4. Setup Guide

4.1. Driver Installation

Before using the Keydial Mini, it is recommended to install the latest HUION driver. The driver allows for full customization of the keys and dial, and ensures optimal performance.

1. Visit the official HUION website (huion.com/download/).
2. Locate and download the driver for the Keydial Mini (Model K20).
3. Follow the on-screen instructions to complete the installation.
4. Restart your computer if prompted.

Note:

- Ensure no other tablet drivers are installed on your computer to avoid conflicts.
- For macOS users, if experiencing connection issues, please refer to the troubleshooting section or contact HUION support for assistance with recent macOS compatibility updates.

4.2. Connecting via Bluetooth 5.0

The Keydial Mini supports Bluetooth 5.0 for a stable and cable-free connection up to 10 meters.

1. Ensure the Keydial Mini is powered on and charged (refer to Section 6).
2. Turn on the Keydial Mini using the Power Button. The indicator light will show its status.
3. On your computer (PC, Mac, Surface Pro, Laptop), enable Bluetooth.
4. Search for new Bluetooth devices and select "Keydial Mini" from the list.
5. Pair the device. The indicator light on the Keydial Mini will confirm successful pairing.



Image: The Keydial Mini wirelessly connected to a laptop via Bluetooth, illustrating its cable-free convenience.

4.3. Connecting via USB-C Cable

You can also connect the Keydial Mini directly to your computer using the provided USB-C cable. This mode also charges the device.

1. Connect one end of the USB-C cable to the Keydial Mini's USB-C port.
2. Connect the other end to an available USB port on your computer.
3. The device will be recognized automatically.

5. Operating Instructions

5.1. Customizing Keys and Dial

The HUION Keydial Mini offers extensive customization options through the HUION driver software. This allows you to assign specific functions to each of the 18 programmable keys and the dial controller.

1. Open the HUION driver software on your computer.
2. Navigate to the Keydial Mini settings.
3. Select individual keys or the dial to assign functions such as keyboard shortcuts, mouse clicks, application launches, or multimedia controls.
4. The dial can be configured with up to 3 different functions, allowing you to switch between them easily (e.g., brush size, zoom, scroll).
5. Save your settings.

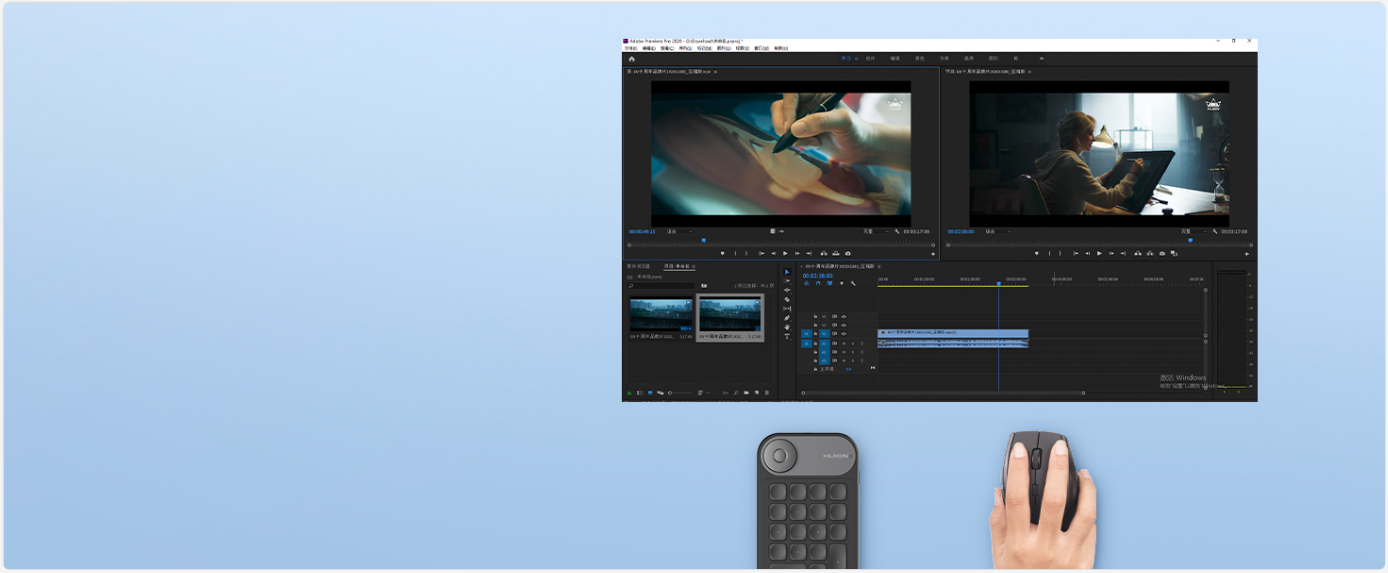


Image: A screenshot of the HUION driver interface, demonstrating how to customize the functions of the Keydial Mini's buttons and dial.

5.2. Anti-Ghosting Performance

The Keydial Mini features anti-ghosting technology for up to 5 keys, ensuring that multiple simultaneous key presses are registered accurately. This is particularly useful for complex shortcuts or gaming.

5.3. Setting Preview Function

To quickly view the current functions assigned to your keys and dial without opening the driver software, utilize the "Setting Preview" function.

- Assign one of the programmable keys to the "Setting Preview" function within the HUION driver.
- Press this assigned key on the Keydial Mini.
- A pop-up window will appear on your screen, displaying the current function settings for each button and the dial.
- You can also customize the names of each button within the driver for easier identification.

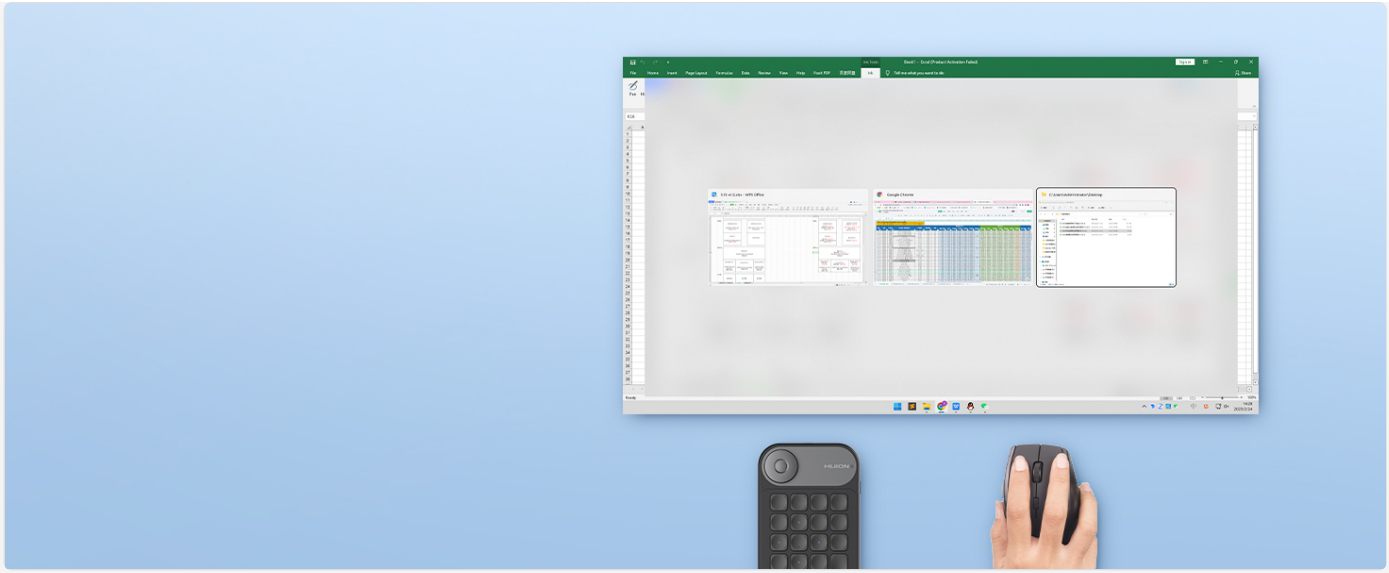


Image: The "Setting Preview" pop-up window showing the assigned functions for each key and the dial on the Keydial Mini.

5.4. One-Handed Operation

The compact and ergonomic design of the Keydial Mini allows for comfortable one-handed operation, making it efficient for use alongside a drawing tablet or mouse.



Image: A user demonstrating one-handed operation of the Keydial Mini while working on a digital drawing tablet, highlighting its ergonomic design.

6. Battery and Charging

The Keydial Mini is equipped with a 1200mAh Lithium Ion battery, providing approximately 70 hours of continuous use on a full charge. Charging takes approximately 3.6 hours.

- Connect the provided USB-C cable to the Keydial Mini and a power source (e.g., computer USB port, USB wall adapter).
- The indicator light will show the charging status.
- A full charge provides extended usage, ideal for long creative sessions.



Image: Visual representation of the Keydial Mini's battery specifications: 1200mAh capacity, 70 hours battery time, and 3.6 hours fast charging.

7. Compatibility

7.1. Operating Systems

The Keydial Mini is broadly compatible with various operating systems:

- Windows (including Windows PC, Surface Pro)
- macOS (including MacBook)
- It can also work with other brands' graphics tablets.



Image: The Keydial Mini shown compatible with both Mac OS and Windows operating systems, indicating broad device support.

7.2. Creative Software

The Keydial Mini is designed to work seamlessly with a wide range of creative software applications, making it a versatile tool for various digital tasks:

- Adobe Photoshop
- Adobe Lightroom
- Adobe Illustrator
- Final Cut Pro X
- Premiere Pro
- DaVinci Resolve
- Capture One
- Clip Studio Paint
- Paint Tool SAI
- And many other digital painting, image/video editing, graphic design, gaming, and media control software.

Note:

Customizing shortcuts requires that the painting software itself supports the feature.

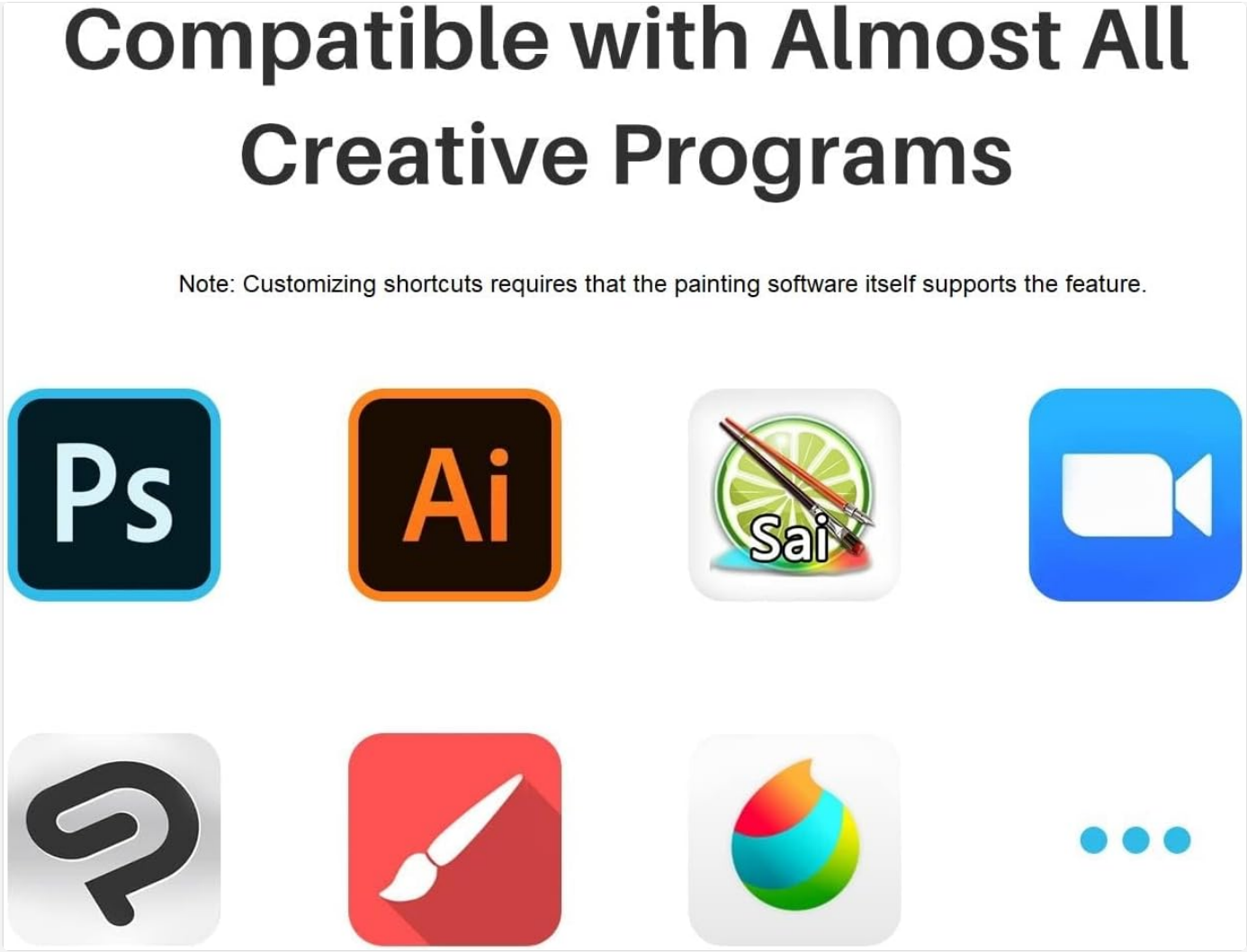


Image: A collage of logos for popular creative software applications such as Photoshop, Illustrator, Clip Studio Paint, and others, indicating the Keydial Mini's broad software compatibility.

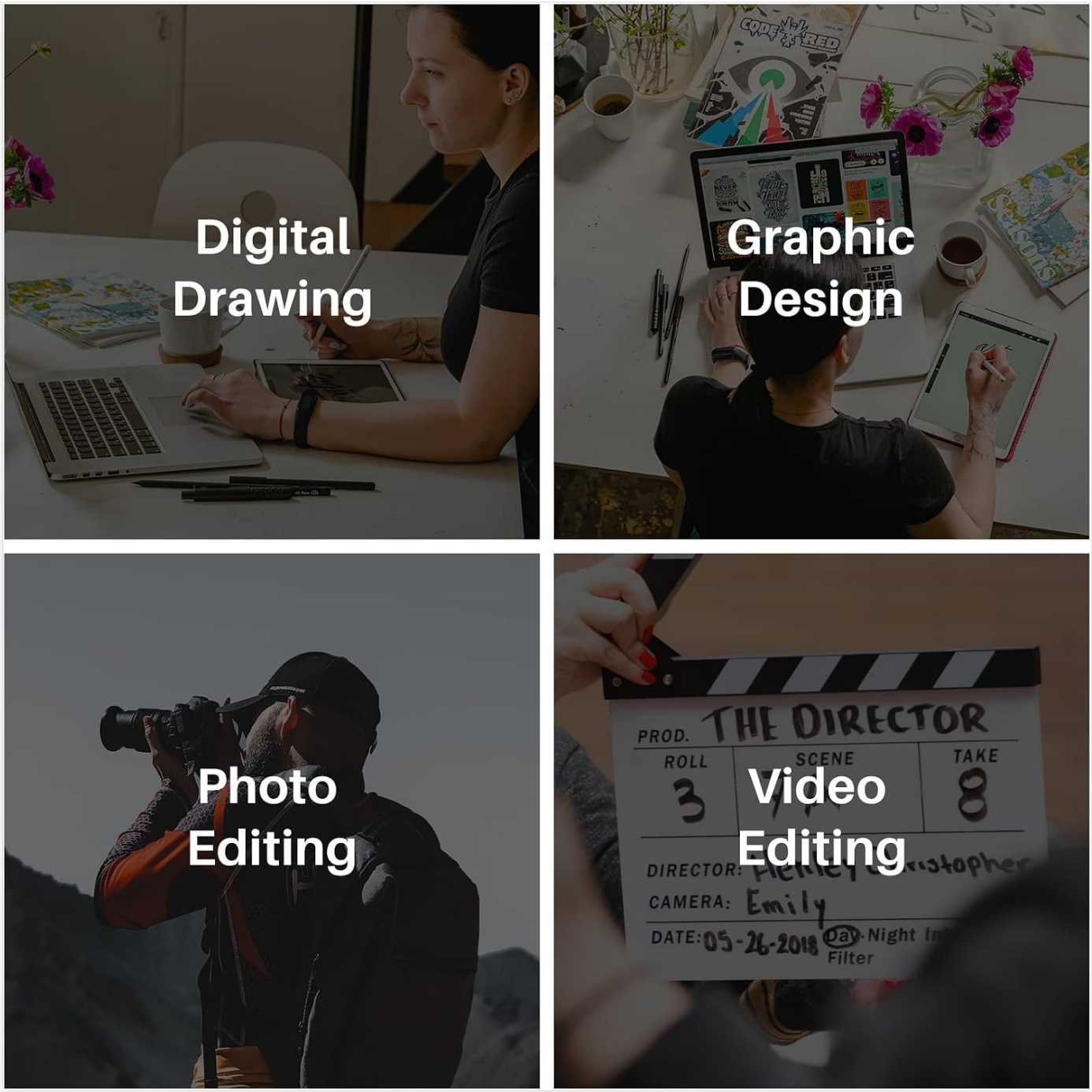


Image: Examples of creative applications for the Keydial Mini, including digital drawing, graphic design, photo editing, and video editing.

8. Maintenance

To ensure the longevity and optimal performance of your Keydial Mini, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the surface of the keypad. Avoid using harsh chemicals, abrasive cleaners, or excessive moisture.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Do not attempt to disassemble the keypad, as this will void the warranty.

9. Troubleshooting

If you encounter issues with your Keydial Mini, please refer to the following common solutions:

Issue	Possible Solution
Device not connecting via Bluetooth.	◦ Ensure the Keydial Mini is powered on and charged. ◦ Verify Bluetooth is enabled on your computer. ◦ Try re-pairing the device in your computer's Bluetooth settings. ◦ Move the device closer to your computer to ensure it's within the 10m range.
Keys or Dial not responding/customizing.	◦ Ensure the HUION driver is correctly installed and running. ◦ Check for conflicting drivers from other graphic devices and uninstall them. ◦ Restart your computer and the Keydial Mini. ◦ Verify that the software you are using supports custom shortcuts.
MacOS compatibility issues (device not recognized).	Recent macOS updates may affect external USB device recognition. Please contact HUION customer support for the latest solutions or driver updates specific to macOS compatibility.
Short battery life.	◦ Ensure the device is fully charged before use. ◦ Check if the charging cable and port are clean and undamaged. ◦ Battery performance may degrade over time with extensive use.

If the issue persists, please visit the HUION official website for updated FAQs, drivers, or contact their customer support for further assistance.

10. Specifications

Feature	Detail
Model Number	K20
Product Dimensions	5.74 x 3.65 x 0.42 inches (14.58 x 9.27 x 1.07 cm)
Item Weight	4.2 ounces (119 grams)
Connectivity Technology	Bluetooth 5.0, USB-C
Number of Keys	18 (Programmable)
Special Features	18 Customized Shortcut Keys, 5-Keys Anti-ghosting, Bluetooth 5.0 Connection, One-handed Operation, Programmable Dial
Battery Type	1 Lithium Ion battery (included)
Battery Capacity	1200mAh
Battery Life	Approx. 70 hours
Charging Time	Approx. 3.6 hours
Compatible Devices	Drawing Tablets, Laptops, PCs (Windows, macOS)

Feature	Detail
Manufacturer	Shenzhen Huion Animation Technology LTD.
Date First Available	February 27, 2023

11. Warranty and Support

For detailed warranty information, product registration, and technical support, please visit the official HUION website:

HUION Official Support Page

You can find drivers, FAQs, and contact information for customer service on their support portal. Please have your product model (K20) and purchase details ready when contacting support.

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This manual is for informational purposes only. Specifications are subject to change without notice.

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