Manuals+ — User Manuals Simplified.

HP Omen Sequencer Mechanical Keyboard User Guide

Contents

HP Omen Sequencer Mechanical Keyboard

Some Important Features

Customizable Keys

Customizable keys
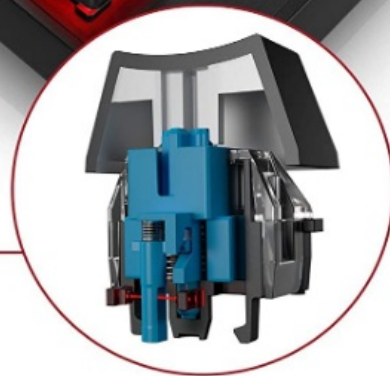Gain an edge by customizing 5 dedicated macro keys to your go-to

Keys you can rely on
No matter how many keys are activated at once, every key press is detected with true n-key rollover and 100% anti-ghosting.

Speed you can feel
Optical-mechanical Blue switches enable a 0.2ms response time—10 times faster than traditional mechanical switches*—plus a 70 million click lifetime.

Lightweight and Heavyweight

Cast your perfect aura

Individually backlit keys offer up to 16.8 million RGB colors to choose from with unique effects, all customizable from OMEN Command Center.

Cable manager

Efficiently manage your cables and enjoy maximum convenience with a built-in USB port.

Lightweight. Heavyweight.

Feel the durability in the lightweight, anodized aluminum frame.

OMEN Command Center

Powered by OMEN Command Center

Lead the way to victory from OMEN Command Center, which gives you full control over your OMEN lineup. Customize lighting, performance and button functionality—the power is yours.

Control every element

Take control of your media with dedicated keys for play, pause, skip, and mute, as well as an oversized metal roller bar to adjust volume.

Concentrate on the win

Gaming mode blocks interruptions from your system so you can focus on victory.

Getting started

Downloading the software

NOTE: This software might be preinstalled on select computers. This software requires a Windows® 10 operating system (64-bit), version 1709 or later.

1. On your computer, select the **Start** button, and then select **Microsoft Store**.
2. Search for **OMEN Command Center**, and then download the app.

Opening the software

1. Select Start.

2. Select OMEN Command Center. -or- Press the OMEN key.

Enabling or disabling the Windows key

By default, the Windows key is disabled, Press **FN + F12**.

Using the software

You can use OMEN Command Center to configure the keyboard settings. The keyboard remembers and uses these settings, even if connected to a device without OMEN Command Center. To restore default settings, select Reset to default.

Keyboard menu

To open the keyboard menu:

- After the app opens, select OMEN ENCODER.

TIP: This option is available only when the keyboard is connected to the computer. Using the main menu tabs, you can configure the keyboard lighting and macro settings.

Lighting

Select the Lighting tab to configure the lighting.

1. Select a lighting mode.
2. To configure the mode you selected, go to the corresponding section.
    - Static mode on page 2
    - Animation mode on page 3

Static mode

Customize the keys in the static-colored zones on the keyboard.

1. Select a template.
    - **All Keys:** Selects every key.
    - **WASD:** Select the **W, A, S, D,** and arrow keys.

- **FPS:** Select the **W, A, S, D, R,** Shift, and Ctrl keys.
- **MOBA:** Selects the 1 through 6 integrated number keys and **Q, W, E,** and **R** keys.
- **MMO:** Selects the 1 through 6 integrated number keys and **W, A, S, D, Shift,** and **Ctrl** keys.
- **M1–M5:** Selects the **M1** through **M5** keys.

2. To select additional keys, press and hold **Ctrl** while simultaneously clicking individual keys or clicking and dragging the mouse.
3. Select the **Brightness** of the lighting, from **0** to **100%**.
4. To save changes, select **Apply**. To return to the beginning of the procedure, select **Discard changes**.

Animation mode

Select a keyboard lighting pattern.

1. Select an
   - **Breathing**: Fades in and out on the full
   - **Ripple**: Fades in and out in a ring shape from each key that is
   - **Left Wave**: Moves across the keyboard from the
   - **Right Wave**: Moves across the keyboard from the
2. Select the **Speed** of the
3. Select the **Brightness** of the lighting, from **0** to **100**%.
4. To save changes, select **Apply**. To return to the beginning of the procedure, select **Discard changes**.

Key Assignments

NOTE:

The first time you select the Key Assignments tab, a tutorial starts. Follow the on-screen instructions to complete the tutorial. You can select **View later** to dismiss it. To view the tutorial at any time, select Tutorial. A macro is a keystroke sequence that is executed when you press a key. You can assign up to five macros, from **M1** to **M5**. Each macro is limited to 47 actions in the keystroke sequence. If the Windows key is enabled, press **FN + MN** to execute a macro. There is a list that displays all macros you have created that can be assigned to a mouse M-button or keyboard M-key. Select **KEYBOARD** to display only the keyboard macros. To clear all assigned macros, select **Reset to default**.

Configuring the OMEN key

By default, the OMEN key launches OMEN Command Center. It can also perform the scroll lock function.

- Under **OMEN Key Options**, select **Scroll lock** or **Launch OMEN** Command Center.

Creating a macro

1. Select the plus sign (**+**) – or – Select an M-key, and then select **New** from the pop-up menu.
2. Select a macro
   - **KEYSTROKE**: Creates a shortcut with a combination of key
   - **MULTI-KEY**: Records a combination of key presses and mouse clicks with customizable recorded or fixed

- **MOUSE ACTION**: Assign any standard mouse button
- **LAUNCHER**: Launches an app or
- **TEXT**: Pastes a custom text message to automate in-game

3. Enter a **Macro name**.
4. Enter the keystroke sequence.
   - If you selected **KEYSTROKE**, in the **Key combination** box, press the keys in the combination to be executed.
     TIP: Select **Clear** to restart the sequence.
   - If you selected **MULTI-KEY**, select the number of loops. Then, in the **Input sequence** box, select **Recorded delay** (the actual delay as you enter the key combination), **Fixed delay** (enter up to 99999 ms), or **No delay**. Select **Record**, enter the keystroke sequence, and then select **Stop recording**. You can select any part of the sequence to clear it or to add or replace a key.
     NOTE: There is an upstroke and downstroke for every key.
   - If you selected **MOUSE ACTION**, select the mouse button
   - If you selected LAUNCHER, enter the name of the **Application** to
     TIP: Select **Browse** to select the application from your program files.
   - If you selected **TEXT**, enter the **Key modifier** (the key that the macro presses before pasting the custom text), and then enter the **Custom text**.
5. To save changes, select **Save**. To return to the beginning of the procedure, select **Cancel**.
6. If you did not select an M-key in step 1, drag and drop the macro from the macro list to an M-Key.

Editing a macro

1. Select an M-key, and then select **Edit** from the pop-up
2. Edit the See Creating a macro on page 3.
3. To save changes, select **Save**. To return to the beginning of the procedure, select **Cancel**.

Assigning a macro

You can assign a single macro to up to three keys.

You can assign a macro to a key in either of the following ways:

Select a macro from the list, and then drag and drop the macro to a key.
– or –

1. Select an M-key, and then select **Assign** from the pop-up
2. Select the macro, and then select **Assign**.

Accessibility

HP and accessibility

Because HP works to weave diversity, inclusion, and work/life into the fabric of the company, it is reflected in everything HP does. HP strives to create an inclusive environment focused on connecting people to the power of

technology throughout the world.

Finding the technology tools you need

Technology can unleash your human potential. Assistive technology removes barriers and helps you create independence at home, at work, and in the community. Assistive technology helps increase, maintain, and improve the functional capabilities of electronic and information technology. For more information, see Finding the best assistive technology on page 6.

The HP commitment

HP is committed to providing products and services that are accessible to people with disabilities. This commitment supports the company's diversity objectives and helps ensure that the benefits of technology are available to all.

The HP accessibility goal is to design, produce, and market products and services that can be effectively used by everyone, including people with disabilities, either on a stand-alone basis or with appropriate assistive devices.

To achieve that goal, this Accessibility Policy establishes seven key objectives to guide HP's actions. All HP managers and employees are expected to support these objectives and their implementation in accordance with their roles and responsibilities:

- Raise the level of awareness of accessibility issues within HP, and provide employees with the training they need to design, produce, market, and deliver accessible products and
- Develop accessibility guidelines for products and services, and hold product development groups accountable for implementing these guidelines where competitively, technically, and economically
- Involve people with disabilities in the development of accessibility guidelines and in the design and testing of products and
- Document accessibility features, and make information about HP products and services publicly available in an accessible
- Establish relationships with leading assistive technology and solution
- Support internal and external research and development that improves assistive technology relevant to HP products and
- Support and contribute to industry standards and guidelines for accessibility.

International Association of Accessibility Professionals (IAAP)

IAAP is a not-for-profit association focused on advancing the accessibility profession through networking, education, and certification. The objective is to help accessibility professionals develop and advance their careers and to better enable organizations to integrate accessibility into their products and infrastructure.

As a founding member, HP joined to participate with other organizations to advance the field of accessibility. This commitment supports HP's accessibility goal of designing, producing, and marketing products and services that people with disabilities can effectively use.

IAAP will make the profession strong by globally connecting individuals, students, and organizations to learn from one another. If you are interested in learning more, go to **http://www.accessibilityassociation.org** to join the online community, sign up for newsletters, and learn about membership options.

Finding the best assistive technology

Everyone, including people with disabilities or age-related limitations, should be able to communicate, express themselves, and connect with the world using technology. HP is committed to increasing accessibility awareness within HP and with our customers and partners. Whether it's large fonts that are easy on the eyes, voice recognition that lets you give your hands a rest or any other assistive technology to help with your specific situation—a variety of assistive technologies make HP products easier to use. How do you choose?

Assessing your needs

Technology can unleash your potential. Assistive technology removes barriers and helps you create independence at home, at work, and in the community. Assistive technology (AT) helps increase, maintain, and improve the functional capabilities of electronic and information technology.

You can choose from many AT products. Your AT assessment should allow you to evaluate several products, answer your questions, and facilitate your selection of the best solution for your situation. You will find that professionals qualified to do AT assessments come from many fields, including those licensed or certified in physical therapy, occupational therapy, speech/language pathology, and other areas of expertise. Others, while not certified or licensed, can also provide evaluation information. You will want to ask about the individual's experience, expertise, and fees to determine if they are appropriate for your needs.

Accessibility for HP products

The following links provide information about accessibility features and assistive technology, if applicable, included in various HP products. These resources will help you select the specific assistive technology features and product(s) most appropriate for your situation.

- **HP Elite x3–Accessibility Options (Windows 10 Mobile)**
- **HP PCs–Windows 7 Accessibility Options**
- **HP PCs–Windows 8 Accessibility Options**
- **HP PC's–Windows 10 Accessibility Options**
- **HP Slate 7 Tablets–Enabling Accessibility Features on Your HP Tablet (Android 1/Jelly Bean)**
- **HP SlateBook PCs–Enabling Accessibility Features (Android 3,4.2/Jelly Bean)**
- **HP Chromebook PCs–Enabling Accessibility Features on Your HP Chromebook or Chromebox (Chrome OS)**
- **HP Shopping–peripherals for HP products**

If you need additional support with the accessibility features of your HP product, see **Contacting support** .

Additional links to external partners and suppliers that may provide additional assistance:

- **Microsoft Accessibility information (Windows 7, Windows 8, Windows 10, Microsoft Office)**
- **Google Products accessibility information (Android, Chrome, Google Apps)**
- **Assistive Technologies sorted by impairment type**
- **Assistive Technologies sorted by product type**
- **Assistive Technology vendors with product descriptions**
- **Assistive Technology Industry Association (ATIA)**

Standards and legislation

Standards

Section 508 of the Federal Acquisition Regulation (FAR) standards was created by the US Access Board to address access to information and communication technology (ICT) for people with physical, sensory, or cognitive disabilities. The standards contain technical criteria specific to various types of technologies, as well as performance-based requirements which focus on the functional capabilities of covered products. Specific criteria cover software applications and operating systems, web-based information and applications, computers, telecommunications products, video and multimedia, and self-contained closed products.

Mandate 376 – EN 301 549

The EN 301 549 standards were created by the European Union within Mandate 376 as the basis for an online toolkit for public procurement of ICT products. The standard specifies the functional accessibility requirements applicable to ICT products and services, together with a description of the test procedures and evaluation methodology for each accessibility requirement.

Web Content Accessibility Guidelines (WCAG)

Web Content Accessibility Guidelines (WCAG) from the W3C's Web Accessibility Initiative (WAI) helps web designers and developers create sites that better meet the needs of people with disabilities or age-related limitations. WCAG advances accessibility across the full range of web content (text, images, audio, and video) and web applications. WCAG can be precisely tested, is easy to understand and use, and allows web developers flexibility for innovation. WCAG 2.0 has also been approved as **ISO/IEC 40500:2012.**

WCAG specifically addresses barriers to accessing the web experienced by people with visual, auditory, physical, cognitive, and neurological disabilities, and by older web users with accessibility needs. WCAG 2.0 provides characteristics of accessible content:

- **Perceivable** (for instance, by addressing text alternatives for images, captions for audio, adaptability of presentation, and color contrast)
- **Operable** (by addressing keyboard access, color contrast, the timing of input, seizure avoidance, and navigability)
- **Understandable** (by addressing readability, predictability, and input assistance)
- **Robust** (for instance, by addressing compatibility with assistive technologies)

Legislation and regulations

Accessibility of IT and information has become an area of increasing legislative importance. The links listed below provide information about key legislation, regulations, and standards.

- **United States**
- **Canada**
- **Europe**
- **United Kingdom**
- **Australia**
- **Worldwide**

Useful accessibility resources and links

The following organizations might be good resources for information about disabilities and age-related limitations.

NOTE:

This is not an exhaustive list. These organizations are provided for informational purposes only. HP assumes no responsibility for information or contacts you encounter on the Internet. Listing on this page does not imply endorsement by HP.

Organizations

- American Association of People with Disabilities (AAPD)
- The Association of Assistive Technology Act Programs (ATAP)
- Hearing Loss Association of America (HLAA)
- Information Technology Technical Assistance and Training Center (ITTATC)
- Lighthouse International
- National Association of the Deaf
- National Federation of the Blind
- Rehabilitation Engineering & Assistive Technology Society of North America (RESNA)
- Telecommunications for the Deaf and Hard of Hearing, (TDI)
- W3C Web Accessibility Initiative (WAI)

Educational institutions

- California State University, Northridge, Center on Disabilities (CSUN)
- University of Wisconsin – Madison, Trace Center
- University of Minnesota computer accommodations program

Other disability resources

- ADA (Americans with Disabilities Act) Technical Assistance Program
- ILO Global Business and Disability network
- EnableMart
- European Disability Forum
- Job Accommodation Network
- Microsoft Enable

HP links

- **Our contact webform**
- **HP comfort and safety guide**
- **HP public sector sales**

Contacting support

NOTE: Support is in English only.

- Customers who are deaf or hard of hearing and who have questions about technical support or accessibility of HP products: Use TRS/VRS/WebCapTel to call (877) 656-7058 Monday through Friday, 6 a.m. to 9 p.m. Mountain Time.
- Customers with other disabilities or age-related limitations who have questions about technical support or accessibility of HP products, choose one of the following options:
  - Call (888) 259-5707 Monday through Friday, 6 m. to 9 p.m. Mountain Time.
  - Complete the **Contact form for people with disabilities or age-related limitations** .

FAQ's

Worth buying an HP Omen sequencer?

Even while it doesn't have all the features and always-intuitive software you'd like from a keyboard in this price bracket, the OMEN Sequencer is still a fantastic keyboard.

On my HP Omen, how can I activate the keyboard light?

Open OMEN Command Center from the Windows Start menu or the taskbar. Choose "Lighting" from the navigation sidebar on the left. Make sure to click "Keyboard" in the top-right corner. Three options will be visible: Animation, Static, and Off.

A sequencer keyboard: what is it?

Without actually using the keyboard, sequencers allow you to automatically play repeated patterns in any way you like.

Does the new omen 15 laptop work with this keyboard?

Yes, you can use a new OMEN 15 laptop without restriction.

Can the switches be switched to browns or reds?

If you're referring to the color of the illuminated characters, the software allows you to pretty much change any color you desire.

Can you connect to two computers simultaneously?

Although the keyboard only has one USB port, there are USB switches that might be used.

Does using it require plugging in both USB ports?

No, one is especially for USB passthrough to connect/power other devices via the connector on the side of the keyboard, and the other is for keyboard functionality.

Optical switches: are they mechanical?

To be clear, mechanical components are still included in optical switches.

Can HP OMEN be operated without a battery?

Your laptop can still be used without the battery inserted, but then you'll always need to have it plugged into an outlet. The CMOS battery, which the motherboard uses to save the BIOS settings, can also be changed as a tested alternative.

What do the three lights on an HP keyboard stand for?

The three indicator LEDs on the keyboard are visible in the image. The status of the num lock, caps lock and

scroll lock is indicated by these lights.

Randomly, after having one for almost two years without any problems, some keys ceased to function, and when they did, it was only while pressing the shift key.

You might try unplugging and then replugging the keyboard. Additionally, try unplugging it, erasing the driver software, restarting your computer, and then plugging it back in. The drivers should be reinstalled.

Is this keyboard splash and water-resistant?

It is not a splash-proof support nor is it water-resistant.

What switches are utilized by the omen sequencer?

The 0.2ms key response time offered by optical-mechanical Blue switches is 10 times faster than that of conventional mechanical keyboard switches thanks to the use of light beam sensing rather than moving metal elements.

Download this PDF Link: HP Omen Sequencer Mechanical Keyboard