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ASUS M605 ROG FALCHION ACE HFX/HFX/CA/PBT

ROG Falchion Ace HFX 65% Gaming Keyboard User Manual

This manual provides comprehensive instructions for setting up, operating, and maintaining your ROG Falchion Ace HFX 65% gaming keyboard. Designed for optimal performance, this compact keyboard features ROG HFX magnetic switches, rapid trigger toggle, an 8000 Hz polling rate, and an interactive touch panel.

PRODUCT OVERVIEW

The ROG Falchion Ace HFX is a high-performance 65% compact gaming keyboard engineered for competitive play and efficient daily use. Its advanced features ensure precision, speed, and comfort.

- **ROG HFX Magnetic Switches:** Deliver a solid feel and customizable 0.1-4.0 mm actuation for instant keystrokes.
- **Rapid Trigger Toggle:** Convenient switch for fastest typing response and key repeat.
- **8000 Hz Polling Rate:** Provides a 0.125 ms response time — up to 8X faster than other leading gaming keyboards.
- **Enhanced Typing Experiences:** Integrated three-layer dampening foam and silicone gasket mount absorb pinging noises and offer a more cushioned typing feel.
- **Intuitive Control:** Set actuation point, play/pause media, adjust volume and keyboard lighting with the multi-function button and interactive touch panel.



Front view of the ROG Falchion Ace HFX 65% gaming keyboard, showcasing its compact layout and vibrant RGB backlighting.

ROG HFX Magnetic Switches

Customizable 0.1 - 4.0 mm actuation, Rapid Trigger, and Speed Tap Mode



Close-up of ROG HFX Magnetic Switches, highlighting their customizable actuation range from 0.1 to 4.0 mm.

Rapid Trigger Toggle

Convenient switch enables fastest typing response and key repeat rate



Side view of the keyboard, focusing on the rapid trigger toggle switch for instant key response.

8000 Hz Polling Rate

Provides a 0.125 ms response time —
up to 8X faster than competitor keyboards



Angled view of the keyboard emphasizing its 8000 Hz polling rate for ultra-fast response times.

Five-Layer Dampening and Silicone Gasket Mount

Absorb pinging noises and offer a more cushioned typing feel

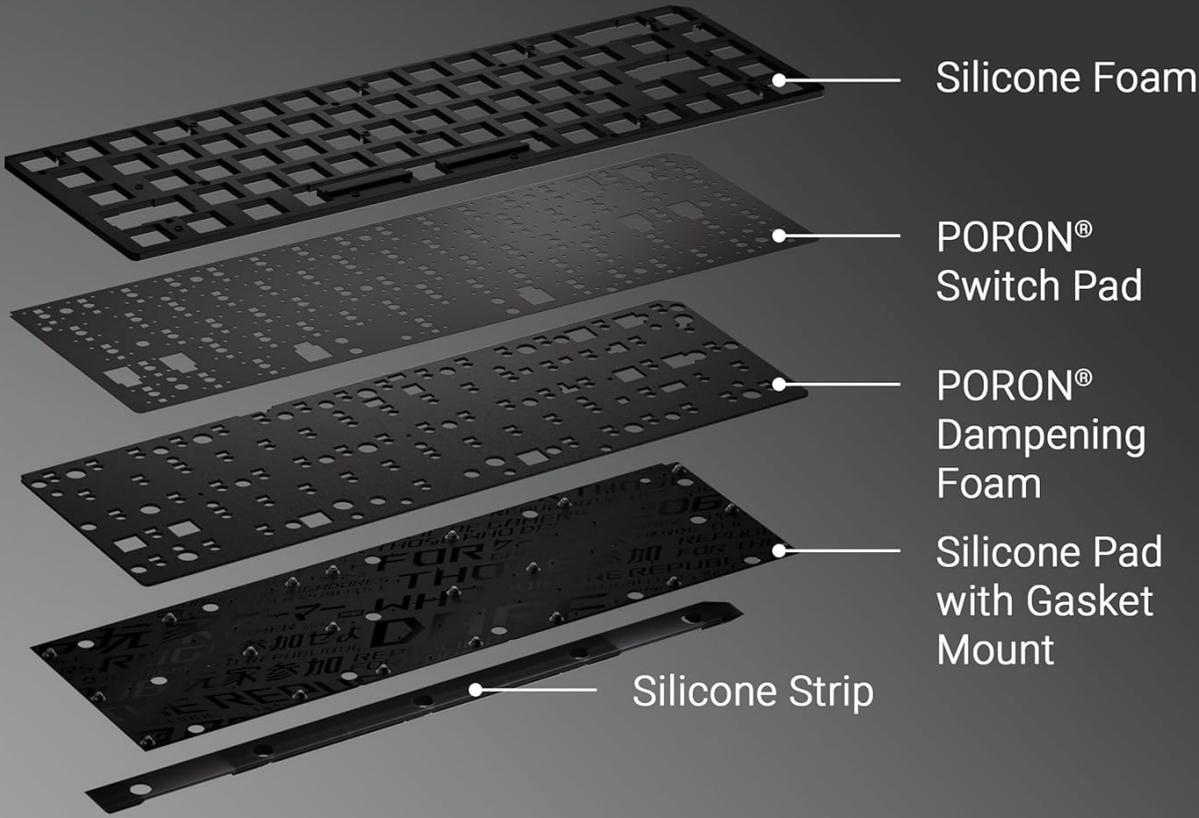


Diagram illustrating the five-layer dampening foam and silicone gasket mount structure for enhanced typing feel and reduced noise.

Intuitive Control

Multi-function button and touch panel



Close-up of the interactive touch panel and multi-function button on the side of the keyboard, used for intuitive control.

Dual USB-C®

Flexible port placement for a neater setup



Top-down view showing the dual USB-C ports on the keyboard, allowing for flexible cable placement.



The keyboard placed inside its protective cover, demonstrating how it can be stored or transported safely.



Close-up of the PBT double-shot keycaps, highlighting their durable construction and shine-through legends for RGB lighting.

[Official Product Video](#)

Your browser does not support the video tag.

This video provides a concise overview of the ROG Falchion Ace HFX keyboard, showcasing its design and key features.

SETUP

Physical Connection

The ROG Falchion Ace HFX keyboard offers dual USB-C ports for flexible connectivity. You can connect the keyboard to your PC using either the left or right USB-C port, allowing for a cleaner desk setup based on your preference. Ensure you use the provided high-speed data cable or another compatible high-speed USB-C cable for optimal performance and to avoid connectivity issues.

Protective Cover

The included protective cover can be used to safeguard your keyboard during transport or when not in use, protecting it from dust and accidental damage.

Software Installation (Optional)

While many core functions are accessible directly on the keyboard, advanced customization and lighting synchronization can be managed through the ASUS Armoury Crate software. Download the latest version from the official ASUS support website. Note that some users prefer to manage settings directly on the keyboard due to software preferences.

OPERATING

ROG HFX Magnetic Switches

The ROG HFX magnetic switches allow for highly customizable actuation points, ranging from 0.1 mm to 4.0 mm. This enables users to fine-tune the sensitivity of each key to their preference, providing instant keystrokes for competitive gaming or a more relaxed feel for typing.

Rapid Trigger Toggle

Utilize the dedicated rapid trigger toggle switch located on the side of the keyboard to instantly switch between normal and rapid trigger modes. This feature allows for the fastest possible typing response and key repeat rate, crucial for quick actions in games.

8000 Hz Polling Rate

Experience ultra-low latency with the keyboard's 8000 Hz polling rate, delivering a 0.125 ms response time. This ensures that every input is registered almost instantaneously, providing a significant advantage in fast-paced scenarios.

Interactive Touch Panel

The interactive touch panel on the side of the keyboard provides convenient control over various settings without needing to access software. Use it to:

- **Adjust Volume:** Swipe to increase or decrease audio volume.
- **Control Lighting:** Change RGB lighting brightness or switch between lighting effects.
- **Set Actuation Point:** Fine-tune the actuation depth for individual keys.
- **Manage Profiles:** Switch between different saved keyboard profiles.

Dual PC Connectivity

The keyboard supports connection to two different PCs simultaneously via its dual USB-C ports. A dedicated switch allows you to seamlessly toggle between the two connected systems, making it ideal for users with multi-PC setups.

MAINTENANCE

Cleaning

To maintain optimal performance and appearance, regularly clean your keyboard. Use a soft, lint-free cloth to wipe down the keycaps and chassis. For deeper cleaning, you may carefully remove keycaps using a keycap puller and use compressed air to clear debris from beneath the keys.

Switch Care

The ROG HFX magnetic switches are pre-lubed from the factory to ensure smooth operation. The integrated three-layer dampening foam and silicone gasket mount further contribute to a quieter and more cushioned typing experience. Avoid disassembling switches unless necessary, as replacement switches may not be readily available.

TROUBLESHOOTING

If you encounter issues with your ROG Falchion Ace HFX keyboard, please refer to the common troubleshooting steps below:

- **Keyboard Not Responding:** Ensure the USB-C cable is securely connected to both the keyboard and your computer. Use the provided high-speed data cable or another certified high-speed USB-C cable.
- **Unusual Key Noises:** If certain keys (e.g., Backspace, Shift) produce strange noises, this might be due to minor manufacturing variations. Ensure keycaps are seated correctly.
- **Lighting Issues:** If the lightbar or key backlighting is not functioning as expected, try adjusting brightness via the interactive touch panel or checking settings in Armoury Crate. Ensure drivers are up to date.
- **Overly Sensitive Keys:** The magnetic switches allow for fine-tuning of actuation points. Adjust the actuation point settings using the interactive touch panel or Armoury Crate to find your preferred sensitivity.
- **N-Key Rollover (NKRO) Problems:** While the keyboard supports NKRO, if you experience issues, ensure your system's drivers are updated. Some software conflicts might also affect NKRO performance.
- **Software Performance:** If Armoury Crate is slow or problematic, ensure you have the latest version. Many core settings can be adjusted directly on the keyboard, reducing reliance on the software.

If these steps do not resolve your issue, please contact ASUS customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Brand	ASUS
Model Number	M605 ROG FALCHION ACE HFX/HFX/CA/PBT
Hardware Platform	PC
Item Weight	1.42 pounds
Product Dimensions	4.5 x 1.4 x 12.4 inches
Color	BLACK
Power Source	Wired
Connectivity Technology	Wired

Feature	Detail
Keyboard Description	Mechanical
Recommended Uses	Gaming
Special Feature	Backlit, MAGNETIC SWITCH
Number of Keys	68
Keyboard Backlighting	RGB
Style	Magnetic Switch

WARRANTY AND SUPPORT

Protection Plans

Optional protection plans are available for your ROG Falchion Ace HFX keyboard:

- **3-Year Protection Plan:** Extends coverage for three years.
- **4-Year Protection Plan:** Extends coverage for four years.
- **Complete Protect:** A monthly plan covering eligible past and future purchases.

For detailed terms and conditions of these protection plans, please refer to the respective plan documentation or contact the provider.

Customer Support

For technical assistance, warranty claims, or any other inquiries regarding your ROG Falchion Ace HFX keyboard, please visit the official ASUS support website or contact their customer service hotline. Ensure you have your product model number and purchase details ready when seeking support.