ASUS P716 ROG HARPE ACE MINI

ASUS ROG Harpe Ace Mini Wireless Gaming Mouse Instruction Manual

Model: P716 ROG HARPE ACE MINI

1. INTRODUCTION

The ASUS ROG Harpe Ace Mini is an ultralight 49-gram semi-symmetrical gaming mouse designed for competitive FPS players. Its refined shape is a smaller version of the pro-approved Harpe Ace mouse, making it suitable for a wider range of hand shapes and grip types. It features a 42,000-DPI ROG AimPoint Pro optical sensor and ROG Optical Micro Switches, delivering industry-leading wireless performance with SpeedNova wireless technology and supporting up to an 8,000 Hz wireless polling rate (compatible with the ROG Polling Rate Booster, sold separately).

Image: The ASUS ROG Harpe Ace Mini Wireless Gaming Mouse, showcasing its sleek black design.

2. Whatʼs in the Box

- P716 ROG HARPE ACE MINI/BLK Gaming mouse
- Wireless receiver
- 2-meter ROG Paracord (USB-C to USB-A cable)
- USB dongle extender
- Mouse grip tape set
- Replaceable mouse feet x2
- ROG sticker
- Quick Start Guide
- Warranty booklet
- Thank you card

3. SETUP

3.1 Initial Connection

The ROG Harpe Ace Mini offers Tri-Mode Connectivity: wired USB, 2.4 GHz RF wireless, and Bluetooth. To get started:

1. **Wired Mode:** Connect the 2-meter ROG Paracord USB-C end to the mouse and the USB-A end to your computer. The mouse will function immediately and begin charging.

2. **2.4 GHz RF Wireless Mode:** Locate the wireless receiver (USB dongle) stored in the compartment on the underside of the mouse. Plug the receiver directly into a USB port on your computer or use the included USB dongle extender for optimal signal reception. Ensure the switch on the bottom of the mouse is set to the 2.4 GHz wireless icon.

3. **Bluetooth Mode:** Ensure the switch on the bottom of the mouse is set to the Bluetooth icon. On your computer or device, search for Bluetooth devices and select "ROG Harpe Ace Mini" to pair.

Image: The ASUS ROG Harpe Ace Mini connected to a PC via its USB-C to USB-A paracord cable.

3.2 Charging the Mouse

To charge the mouse, connect it to your computer using the provided ROG Paracord. The scroll wheel LED will indicate charging status. The mouse can be used normally while charging in wired mode.

Image: The ASUS ROG Harpe Ace Mini mouse connected to a charging cable, with the scroll wheel illuminated.

3.3 Storing the Wireless Receiver

The wireless receiver can be conveniently stored in a dedicated compartment on the underside of the mouse when not in use, ensuring it is not lost during travel or storage.

Image: The underside of the ASUS ROG Harpe Ace Mini, highlighting the storage slot for the USB wireless receiver.

4. Operating Modes

The ROG Harpe Ace Mini supports three distinct operating modes to suit various usage scenarios:

- **Wired USB:** Provides a direct, zero-latency connection, ideal for competitive gaming where every millisecond counts. Also charges the mouse battery.
- **2.4 GHz RF Wireless (ROG SpeedNova):** Offers ultra-low latency and reliable performance for wireless gaming. This mode is optimized for speed and stability, ensuring minimal interference.
- **Bluetooth 5.1:** Suitable for general use, productivity, and connecting to multiple devices (up to three). This mode prioritizes power efficiency and broad compatibility.

Switch between modes using the selector switch located on the underside of the mouse.

5. Key Features

5.1 Ultralight Design

Weighing only 49 grams, the Harpe Ace Mini is engineered for swift, effortless movements, reducing fatigue during extended gaming sessions. Its bio-based nylon construction contributes to its lightweight yet durable build.

49 G ultra-lightweight

Bio-based nylon construction

A smooth, matte coating

Ensuring an anti-slip grip and steady control

Image: The ASUS ROG Harpe Ace Mini, emphasizing its 49-gram ultralight design and smooth matte coating for enhanced grip.

5.2 ROG AimPoint Pro Optical Sensor

Equipped with a 42,000 DPI optical sensor, the mouse provides pixel-perfect accuracy and responsiveness. It features track-on-glass technology and a maximum speed of 750 inches per second (IPS) with 50g maximum acceleration, ensuring precise tracking even during rapid movements.
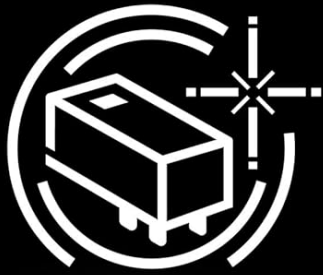
Image: An X-ray view of the ASUS ROG Harpe Ace Mini, showcasing the internal ROG AimPoint Pro Optical Sensor with its 42,000 DPI capability.

5.3 ROG Optical Micro Switches

The mouse utilizes ROG Optical Micro Switches, offering zero debounce delay for instant actuation and a durable 100 million click lifecycle, providing consistent and reliable performance over time.

Image: A close-up of the internal ROG Optical Micro Switches within the ASUS ROG Harpe Ace Mini, emphasizing their durability and instant actuation.

5.4 ROG SpeedNova Wireless Technology

This advanced wireless technology ensures ultra-low latency, reliable performance, and optimized power efficiency in 2.4 GHz RF mode. It also supports up to an 8,000 Hz wireless polling rate for supersmooth cursor control, especially when paired with the optional ROG Polling Rate Booster.

Image: The ASUS ROG Harpe Ace Mini mouse alongside a USB dongle extender, illustrating the ROG SpeedNova Wireless Technology for ultra-fast wireless response.

5.5 Battery Life

The mouse provides up to 105 hours of battery life, allowing for extended gaming sessions without frequent recharging.

5.6 Ergonomic Design

The compact semi-symmetrical form factor is co-developed with professional FPS players, optimized for fingertip and claw grips. Its refined shape is designed to fit a wider spectrum of hand shapes and grip types, making it ideal for competitive gaming on desktop or laptop setups.

Image: A comparison of the ASUS ROG Harpe Ace Mini's dimensions (117mm length, 56mm width, 37mm height) against the standard Harpe Ace, highlighting its smaller, refined form factor.

6. CUSTOMIZATION

Utilize the ASUS Armoury Crate software to customize various settings of your ROG Harpe Ace Mini, including:

- **DPI Settings:** Adjust the DPI sensitivity to your preferred levels for different tasks or games.
- **Button Assignments:** Program the mouse buttons for specific functions, macros, or shortcuts.
- **Polling Rate:** Configure the polling rate for optimal responsiveness.
- **Lighting Effects:** Customize the RGB lighting on the scroll wheel.
- **Power Saving Options:** Adjust settings to optimize battery life.

Video: An overview of the ASUS ROG Harpe Ace Mini, demonstrating its features and customization options through the Armoury Crate software.

7. Maintenance

To ensure the longevity and optimal performance of your ASUS ROG Harpe Ace Mini, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the mouse surface with a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water or a mild cleaning solution. Avoid harsh chemicals.
- **Sensor Care:** Keep the optical sensor on the underside of the mouse clean and free from dust or debris. Use a cotton swab or compressed air if necessary.
- **Mouse Feet:** The mouse comes with replaceable PTFE feet. If the glide performance degrades, you can replace them using the included spare set.
- **Storage:** When not in use, store the mouse in a clean, dry environment. If using wireless mode, consider storing the USB receiver in its dedicated slot on the mouse's underside.

8. Troubleshooting

If you encounter issues with your ROG Harpe Ace Mini, try the following steps:

- **Mouse Not Responding:**

  - Ensure the mouse is charged or connected via USB cable.
  - Check the mode switch on the underside of the mouse (Wired, 2.4 GHz RF, Bluetooth).
  - For 2.4 GHz RF, ensure the wireless receiver is securely plugged into a USB port and the mouse is within range. Try a different USB port.
  - For Bluetooth, ensure Bluetooth is enabled on your device and the mouse is correctly paired.

- **Inconsistent Tracking:**

  - Clean the optical sensor.
  - Ensure you are using the mouse on a suitable surface (a mouse pad is recommended).
  - Check for any software conflicts or outdated drivers. Update mouse drivers via Armoury Crate.

- **Battery Life Issues:**

  - Ensure the mouse is fully charged.
  - Adjust power-saving settings in Armoury Crate.
  - Reduce or disable RGB lighting to conserve battery.

- **Armoury Crate Not Detecting Mouse:**

  - Ensure the mouse is connected to the PC (wired or 2.4 GHz RF).
  - Restart Armoury Crate and your computer.
  - Update Armoury Crate to the latest version.

9. Specifications

Feature	Detail
Model Name	P716 ROG HARPE ACE MINI/BLK

Feature	Detail
Connectivity	Tri-Mode: Wired USB2.0 (USB-C to USB-A), 2.4 GHz RF (ROG SpeedNova), Bluetooth 5.1
Sensor	ROG AimPoint Pro Optical Sensor
Max DPI	42,000 DPI
Max Speed	750 IPS
Max Acceleration	50 G
Switches	ROG Optical Micro Switches (100M click lifecycle)
Weight	49 grams (approx. 1.76 ounces)
Dimensions (L x W x H)	117 mm x 56 mm x 37 mm (approx. 4.61 x 2.20 x 1.46 inches)
Battery Life	Up to 105 hours
Operating System Support	Windows, macOS, Linux

10. WARRANTY AND SUPPORT

Your ASUS ROG Harpe Ace Mini Wireless Gaming Mouse comes with a limited warranty. Please refer to the included **Warranty Booklet** for detailed terms, conditions, and registration information. For technical support, driver downloads, and further assistance, please visit the official ASUS support website or contact your regional ASUS customer service.