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› [SCUF ENVISION PRO Wireless PC Only Gaming Controller User Manual](#)

SCUF 601-178-03-102-NA

SCUF ENVISION PRO Wireless PC Gaming Controller User Manual

Model: 601-178-03-102-NA | Brand: SCUF

PRODUCT OVERVIEW

The SCUF Envision Pro is engineered to provide PC gamers with an unparalleled controller experience. It features advanced customization options, ultra-fast connectivity, and responsive mechanical buttons for competitive gameplay.



Image: Front and back view of the SCUF ENVISION PRO Wireless PC Gaming Controller in Steel Gray.

WHAT'S IN THE BOX

13 YEARS OF GLORY.

Across hundreds of tournaments over 100+ have been won with a SCUF controller. Legends like Insight, Envoy, Kenny and current all-stars Fame, Lynz, and KiSMET are a part of TeamSCUF.

Our performance controllers enhance not only the way pro Call of Duty players game but also give an edge to any competitive person.

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Image: Contents of the SCUF ENVISION PRO Controller box, including the controller, USB wireless receiver, USB-C cable, extra thumbsticks, SAX button blanks, inner paddle blanks, and paddle removal tool.

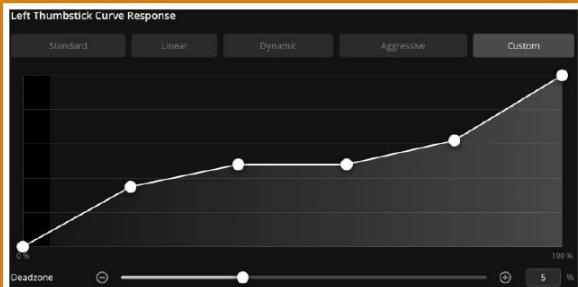
- SCUF ENVISION PRO Wireless PC Gaming Controller
- USB Wireless Receiver
- Braided 1m USB-C Cable
- 1x Short Domed Thumbstick
- 1x Tall Domed Thumbstick
- 2x SAX Button Blanks
- 2x Inner Paddle Blanks
- Inner Paddle Removal Tool
- USB-A to USB-C Adapter

SETUP

Initial Connection & iCUE Software

To begin, connect your SCUF Envision Pro controller to your PC using the provided USB-C cable. For the Envision Pro model, ensure the controller is in wired mode. The iCUE software is essential for initial setup and full customization.

1. Download and install the latest version of the iCUE software from the official SCUF or Corsair website.
2. Launch iCUE. Your controller should be detected automatically.
3. Confirm your controller's firmware is up to date within the iCUE settings.



WORKS WITH iCUE

Realize the full power of iCUE by mapping your G-Keys to any PC shortcut, tailoring your thumbstick and trigger response curves to your exact gaming style, and matching your RGB Lighting Strip to the rest of your gaming station.



Image: Screenshot of the iCUE software interface showing the SCUF ENVISION PRO controller and customization options.

Controller Calibration

Calibration ensures optimal performance of your controller's triggers and thumbsticks. It is recommended to perform calibration if you experience any input inconsistencies.

No official seller videos for calibration were found. Please refer to the iCUE software for detailed instructions.

1. Connect the controller to your PC via USB-C cable. Ensure it is in wired mode.
2. Open iCUE and select your SCUF Envision Pro controller.
3. Navigate to the "Calibration" section in the sidebar.
4. Toggle "Device Memory Mode" off.
5. Click "Run Wizard" to start the calibration process.
6. Follow the on-screen prompts to calibrate triggers and thumbsticks. Do not unplug or switch modes during this process.
7. For triggers, ensure they are in full pull mode (not instant) before starting calibration.
8. For thumbsticks, move them in cardinal directions (up, down, left, right) and allow them to rest for 2 seconds in the center before moving to the next direction.
9. Once all steps are complete, click "Finish" to save the calibration data.

OPERATING YOUR CONTROLLER

The SCUF Envision Pro offers extensive customization to enhance your gaming experience.

Remappable Inputs

ADDITIONAL REMAPPABLE INPUTS

Envision is packed with 5 fully programmable G-Keys for any PC shortcut, 2 Side Action (SAX) buttons to unlock even more of your hand during gameplay, and 4 integrated back paddles to keep you in control.



Image: Diagram highlighting the 11 additional remappable inputs on the SCUF ENVISION PRO controller.

- **G-Keys:** Five fully remappable G-Keys are located on the front of the controller, allowing for advanced macros and integration with Corsair iCUE.
- **Back Paddles:** Four rear, remappable paddles enable you to keep your thumbs on the sticks for faster reactions, crucial for competitive play.
- **SAX Buttons:** Two unique side-mounted SAX buttons provide additional configurability, designed for natural finger placement.



5 PROGRAMMABLE G-KEYS

Image: Close-up view of the 5 programmable G-Keys on the SCUF ENVISION PRO controller.

REMAPPABLE PADDLES



Image: View of the remappable back paddles on the SCUF ENVISION PRO controller, labeled P1, P2, P3, P4.

Instant Triggers & Mechanical Switches

INSTANT TRIGGER VS. REGULAR TRIGGER



Image: Diagram illustrating the difference between an instant trigger and a regular trigger on the SCUF ENVISION PRO controller.

- **Instant Triggers:** Adjustable Instant Triggers allow you to quickly switch between mouse-like clicks for rapid firing and a full trigger range for precise control.
- **OMRON Mechanical Switches:** The OMRON mechanical ABXY and D-Pad buttons provide crisp and responsive clicks, similar to a mouse click, for instant activations.

MOUSE-LIKE MECHANICAL SWITCHES



Image: Close-up view of the ABXY buttons and D-Pad, highlighting the mouse-like mechanical switches.

iCUE Customization

iCUE software unlocks the full potential of your Envision Pro controller, allowing for deep personalization.

- Map fully configurable inputs to any PC shortcut.
- Customize your RGB Lighting Strip to match your gaming setup.
- Tailor your thumbstick and trigger response curves for optimal performance in different games.

PERFORMANCE GRIP

Contoured for comfort and grip right where you need it. Tailored to Envision's ergonomic design, The grip is contoured to provide you with the ultimate non-slip feel for extended game play, giving you grip exactly where you need it.



Image: Screenshot showing the iCUE software interface for customizing thumbstick response curves.

MAINTENANCE

To ensure the longevity and optimal performance of your SCUF Envision Pro controller, follow these maintenance guidelines:

- Keep the controller clean by wiping it regularly with a dry, soft cloth. Avoid abrasive cleaners or solvents.
- Store the controller in a cool, dry place away from direct sunlight and extreme temperatures.
- Handle the controller with care to prevent drops or impacts that could damage internal components.
- Periodically check for and install firmware updates via iCUE to ensure the best performance and compatibility.

TROUBLESHOOTING

If you encounter issues with your SCUF Envision Pro controller, consider the following troubleshooting steps:

Issue	Possible Solution
Controller not responding or input lag in wireless mode.	Ensure the USB Wireless Receiver is securely plugged into your PC. Try a different USB port. Minimize interference from other wireless devices. Ensure iCUE software is running and updated.
Firmware update fails or controller malfunctions after update attempt.	Ensure a stable wired connection during firmware updates. Do not unplug or switch modes. Restart iCUE and try again. If issues persist, perform a factory reset (refer to iCUE documentation for specific steps) or contact SCUF support.
Buttons or thumbsticks not registering inputs correctly.	Perform a controller calibration through the iCUE software (refer to the Setup section). Ensure no debris is obstructing button movement.
Controller randomly stops working or behaves erratically.	If wired, try unplugging and replugging the USB-C cable. If wireless, ensure the battery is charged and the wireless receiver is functioning correctly. Check iCUE for any reported conflicts or errors.

SPECIFICATIONS

- **Model Number:** 601-178-03-102-NA
- **Connectivity:** Ultra-fast wired/wireless (Corsair SlipStream)
- **Inputs:** 11 additional remappable inputs (5 G-Keys, 2 SAX buttons, 4 rear paddles)
- **Buttons:** OMRON mechanical ABXY and D-Pad buttons
- **Triggers:** Adjustable Instant Triggers (switch between mouse-like clicks and full range)
- **Compatibility:** PC Only (Windows)
- **Software:** iCUE Compatible (required for initial setup and customization)
- **Dimensions:** 6.5 x 4.23 x 2.5 inches
- **Weight:** 10.05 ounces
- **Battery:** 1 Lithium Ion battery (included)
- **Release Date:** January 25, 2024
- **Manufacturer:** Corsair
- **Country of Origin:** China

WARRANTY AND SUPPORT

SCUF provides a limited warranty for its products. For detailed warranty information, product support, and service requests, please visit the official SCUF website or contact their customer support directly. Keep your proof of purchase for warranty claims.

Official SCUF Store: [SCUF Store on Amazon](#)