ROCCAT Vulcan II Mini Air

ROCCAT Vulcan II Mini Air 65% Optical Mechanical Gaming Keyboard User Manual

Setup   **Operating Instructions**   **Maintenance**   **Troubleshooting**   **Specifications**   **Warranty & Support**

1. SETUP

1.1 Package Contents

Verify that the following items are included in your package:

- ROCCAT Vulcan II Mini Air Keyboard
- USB-C to USB-A Cable
- Quick Start Guide (not included in this manual)

1.2 Initial Connection

The ROCCAT Vulcan II Mini Air keyboard offers multiple connectivity options:

1. **Wired Connection (USB-C):** Connect the provided USB-C cable to the keyboard and the USB-A end to an available USB port on your computer. The keyboard will automatically power on and begin charging.

2. **2.4GHz Stellar Wireless:** For optimal gaming performance, use the 2.4GHz wireless connection. Insert the USB wireless dongle (typically found in the keyboard's storage compartment or packaging) into an available USB port on your computer. The keyboard should automatically pair.

3. **Bluetooth Connection:** The keyboard supports connection to up to three unique Bluetooth devices. To pair, ensure the keyboard is in Bluetooth mode (refer to the operating instructions for mode switching). On your device, search for available Bluetooth devices and select "ROCCAT Vulcan II Mini Air". Follow any on-screen prompts to complete pairing.

1.3 Software Installation

For full customization and advanced features, download and install the ROCCAT Swarm software from the official ROCCAT website. This software allows for key remapping, macro creation, RGB lighting customization, and profile management.

Image: The ROCCAT Vulcan II Mini Air keyboard connected via its detachable USB-C cable, showcasing its compact 65% layout and vibrant RGB lighting.

2. OPERATING INSTRUCTIONS

2.1 Keyboard Layout and Functions

The Vulcan II Mini Air features a 65% form factor, providing a compact design while retaining essential arrow keys. Many functions are accessed via the **FN** key in combination with other keys.

Image: Diagram illustrating the compact 65% form factor of the ROCCAT Vulcan II Mini Air keyboard, highlighting its small desk footprint while retaining arrow key functionality.

2.2 Easy-Shift[+] Button Duplicator Technology

The Easy-Shift[+] feature allows you to assign a second function to compatible keys. When the Easy-Shift[+] key (typically **FN** or a user-defined key) is held down, the assigned secondary functions become active. This expands the keyboard's capabilities significantly.

- **Activation:** Enter game mode (often FN + Page Down, consult ROCCAT Swarm for specific mapping) to enable Easy-Shift[+].
- **Customization:** Use the ROCCAT Swarm software to program secondary functions for individual keys.

Image: Close-up of the ROCCAT Vulcan II Mini Air keyboard showing Smart Keys with dual LEDs, indicating when secondary functions are active, such as media controls.

2.3 Smart Keys

The keyboard features 29 multi-function Smart Keys equipped with dual LEDs. These LEDs illuminate to indicate when a secondary function, accessed via Easy-Shift[+] or other modifiers, is currently active.

2.4 On-Board Profiles

The keyboard includes on-board memory to save up to 5 custom profiles. These profiles can store personalized lighting effects, key reassignments, and macro settings, allowing you to switch between configurations without software.

- **Saving Profiles:** Configure your settings in ROCCAT Swarm and save them to an on-board profile slot.
- **Switching Profiles:** Use the designated key combination (refer to ROCCAT Swarm or the quick start guide) to cycle through saved profiles.

2.5 RGB Illumination (AIMO Lighting)

The Vulcan II Mini Air features ROCCAT's AIMO lighting technology, offering vibrant RGB illumination with 16.8

million colors. Lighting effects can be customized via the ROCCAT Swarm software and can synchronize with other compatible AIMO-enabled devices.

2.6 Adaptive Battery Life

A proximity sensor detects when you are away from the keyboard and automatically adjusts the lighting to maximize battery life. This feature helps extend usage time, providing up to 240 hours of battery life under optimal conditions.

Image: The ROCCAT Vulcan II Mini Air keyboard demonstrating its proximity sensor, which detects user presence to manage RGB lighting and optimize battery life.

3. MAINTENANCE

3.1 Cleaning

To clean your keyboard, use a soft, lint-free cloth. For stubborn dirt, slightly dampen the cloth with water or a mild cleaning solution. Avoid harsh chemicals or abrasive materials. Ensure the keyboard is disconnected from power before cleaning.

3.2 Keycap Replacement

The ROCCAT Vulcan II Mini Air features cross-shaped stems, making it compatible with many third-party keycaps. When replacing keycaps, use a keycap puller to avoid damaging the switches. Exercise caution to prevent damage to the optical switches.

Image: The ROCCAT Vulcan II Mini Air keyboard with some keycaps removed, illustrating its compatibility with third-party keycaps due to cross-shaped stems.

3.3 Detachable USB-C Cable

The keyboard uses a detachable USB-C cable for connectivity and charging. This allows for easy storage, transport, and customization with alternative USB-C cables.

4. TROUBLESHOOTING

- **Keyboard Not Responding:**
  - Ensure the USB-C cable is securely connected or the wireless dongle is properly inserted.
  - Check battery level if using wireless modes.
  - Try connecting to a different USB port.
  - Restart your computer.

- **Wireless Connectivity Issues:**
  - For 2.4GHz Stellar Wireless, ensure the dongle is close to the keyboard and there are no major obstructions.
  - For Bluetooth, ensure the keyboard is in pairing mode and your device's Bluetooth is enabled. Remove and re-

pair the device if necessary.
  - Avoid interference from other wireless devices.

- **Keys Not Registering or Double-Typing:**

  - Ensure the ROCCAT Swarm software is up to date.
  - Clean around the affected key to remove any debris.
  - If the issue persists, contact ROCCAT support.

- **RGB Lighting Not Working Correctly:**

  - Verify lighting settings in the ROCCAT Swarm software.
  - Ensure the keyboard firmware is updated.
  - Check for any conflicting software that might be controlling RGB.

5. SPECIFICATIONS

Feature	Detail
Brand	ROCCAT
Model Series	Vulcan II Mini Air
Item Model Number	ROC-27-002
Form Factor	65% Mini
Switch Type	TITAN II Optical Switches (Linear)
Actuation	1.4mm
Actuation Force	45g
Switch Durability	150 Million Keypresses
Connectivity	2.4GHz Stellar Wireless, Bluetooth (3 devices), USB-C Wired
Battery Life	Up to 240 hours (with adaptive lighting)
Illumination	AIMO RGB Lighting (16.8 million colors)
On-Board Profiles	Up to 5
Top Plate Material	Anodized Aluminum
Keycap Compatibility	Cross-shaped mount keycaps
Item Weight	1.36 pounds (approx. 617g)
Product Dimensions (LxWxH)	12.8 x 4.88 x 1.3 inches (approx. 32.5 x 12.4 x 3.3 cm)
Power Source	Battery Powered (1 Lithium Polymer battery included)

6. WARRANTY & SUPPORT

The ROCCAT Vulcan II Mini Air keyboard is covered by a manufacturer's warranty. For specific warranty terms and

conditions, please refer to the warranty information provided with your product or visit the official ROCCAT website.

For technical support, driver downloads, and frequently asked questions, please visit the ROCCAT support page:

www.roccat.com/support

When contacting support, please have your product model number (ROC-27-002) and proof of purchase available.

Related Documents

VULCAN II MINI AIR QUICK START GUIDE GUIDE DE DÉMARRAGE RAPIDE 無線鍵盤	**ROCCAT Vulcan II Mini Air Quick Start Guide** Comprehensive guide to setting up and using the ROCCAT Vulcan II Mini Air wireless gaming keyboard, covering connectivity options (Wired, 2.4GHz Stellar Wireless, Bluetooth), LED indications, function key shortcuts, technical specifications, and system requirements.
ROCCAT VULCAN 120 AIMO RGB MECHANICAL GAMING KEYBOARD	**ROCCAT Vulcan 120 AIMO RGB Mechanical Gaming Keyboard** Discover the ROCCAT Vulcan 120 AIMO, a German-engineered mechanical gaming keyboard featuring ROCCAT Titan switches for speed and durability, AIMO intelligent lighting with 16.8 million colors, and a robust anodized aluminum top plate. Includes detailed technical specifications and model comparisons.
ROCCAT VULCAN II MAX QUICK START GUIDE GUIDE DE DÉMARRAGE RAPIDE 電競鍵盤	**ROCCAT Vulcan II Max Quick Start Guide** A quick start guide for the ROCCAT Vulcan II Max keyboard, detailing its features, technical specifications, and setup instructions in multiple languages.
ROCCAT VULCAN II QUICK START GUIDE GUIDE DE DÉMARRAGE RAPIDE 電競鍵盤	**ROCCAT Vulcan II Quick Start Guide** A quick start guide for the ROCCAT Vulcan II gaming keyboard, detailing setup, features, and software installation.

Documents - ROCCAT – Vulcan II Mini Air

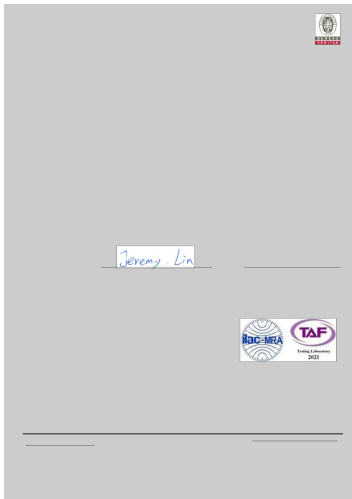|	
VULCAN II MINI AIR QUICK START GUIDE GUIDE DE DÉMARRAGE RAPIDE 無線鍵盤	**ROCCAT Vulcan II Mini Air Quick Start Guide** Comprehensive guide to setting up and using the ROCCAT Vulcan II Mini Air wireless gaming keyboard, covering connectivity options (Wired, 2.4GHz Stellar Wireless, Bluetooth), LED indications, function key shortcuts, technical specifications, and system requirements. lang:fr score:51 filesize: 682.35 K page_count: 17 document date: 2023-08-26

VULCAN II MINI AIR Turtle Beach Corporation PACKAGE CONTAINS CONTENU DE LA BOÎTE ROCCAT® Vulcan Mini Air 1× USB A to C cable 1 8m câble 8 m vers vulcan ii mini air 259 0438 v1 cdn turtlebeach device qig |||

VULCAN II MINI AIR QUICK START GUIDE GUIDE DE DMARRAGE RAPIDE Customize your ROCCAT product and keep it up to date with the latest software and firmware Download now for Windows 7 and above at: WWW.ROCCAT.COM/DOWNLOADS PACKAGE CONTAINS CONTENU DE LA BOTE ROCCAT Vulcan II Mini Air ROCCAT Vulca...

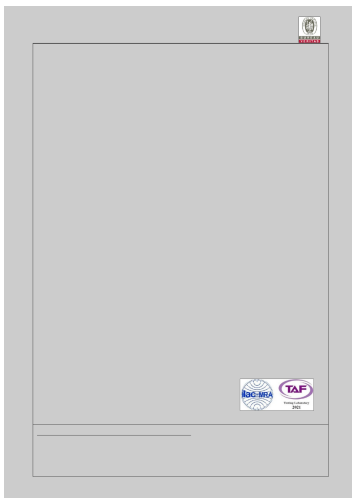lang:fr score:37 filesize: 1.23 M page_count: 17 document date: 2023-06-22

1 Jim RF Exposure Info MPE rev Voyetra Turtle Beach Inc V2MAD Wireless Dongle XGB XGBV2MAD v2mad

RF EXPOSURE REPORT CERTIFICATE OF CONFORMITY FCC Rule Part: FCC Part 2 Section 2.1091 2.1093 Report No.: MFBUUY-WTW-P22060272 FCC ID: XGB-V2MAD Model No.: **VULCAN II MINI AIR** DONGLE Received Date: 2022/6/13 Test Date: 2022/7/5 - 2022/7/27 Issued Date: 2022/9/26 Applicant: Voyetra Turtle Beach, In...

lang:en score:17 filesize: 470.54 K page_count: 8 document date: 2022-09-28

1 Jim Test report Voyetra Turtle Beach Inc V2MAD Wireless Dongle XGB XGBV2MAD v2mad

FCC Test Report Report No.: RFBUUY-WTW-P22060272 FCC ID: XGB-V2MAD Test Model: **VULCAN II MINI AIR** DONGLE Received Date: 2022/6/13 Test Date: 2022/7/5 - 2022/7/27 Issued Date: 2022/9/26 Applicant: Voyetra Turtle Beach, Inc. Address: 44 South Broadway, 4th Floor White Plains NY 10601 USA Issued By: Bu...

lang:en score:14 filesize: 951.04 K page_count: 29 document date: 2022-09-26