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› MechLands CIDOO C60 HE Wired Gaming Keyboard User Manual

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Model: C60 HE

1. INTRODUCTION

The MechLands CIDOO C60 HE is a high-performance wired gaming keyboard designed for precision and responsiveness. It features silent magnetic switches with Hall Effect technology, offering a smooth and quiet typing experience. With an 8K polling rate and ultra-low 0.125ms latency, this keyboard is engineered for competitive gaming. Its compact 63-key layout saves desk space while maintaining essential functionality. The hot-swappable design allows for easy customization of switches without soldering.



Image 1.1: The CIDOO C60 HE keyboard showcasing its compact design, RGB backlighting, and detachable

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- CIDOO C60 HE Wired Gaming Keyboard
- USB Cable (Type-C)
- Keycap Puller
- Replacement Keycaps (ESC, Enter - black)



Image 2.1: All items included in the CIDOO C60 HE product package.

3. SETUP INSTRUCTIONS

3.1 Connecting the Keyboard

1. Locate the USB-C port on the back of the CIDOO C60 HE keyboard.
2. Connect the provided USB-C cable to the keyboard's port.
3. Connect the other end of the USB cable to an available USB port on your computer.
4. The keyboard will be automatically recognized by your operating system. No additional drivers are typically required for basic functionality.

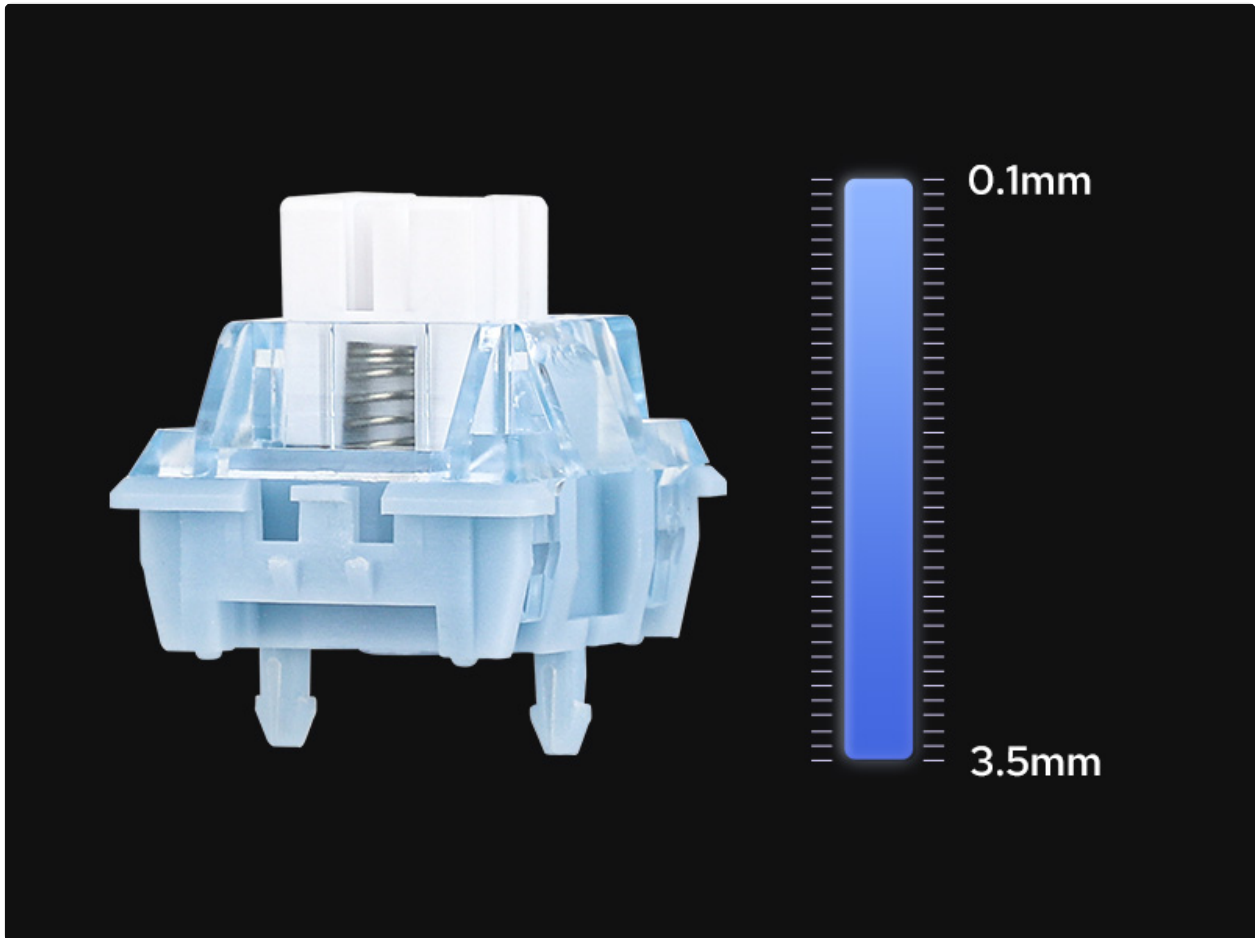


Image 3.1: The USB Type-C port for connecting the keyboard to your computer.

3.2 Adjusting Keyboard Angle

The keyboard features adjustable kickstands on the underside to modify the typing angle for ergonomic comfort.

1. Gently flip the keyboard over to access the kickstands.
2. Extend the kickstands to your desired height.

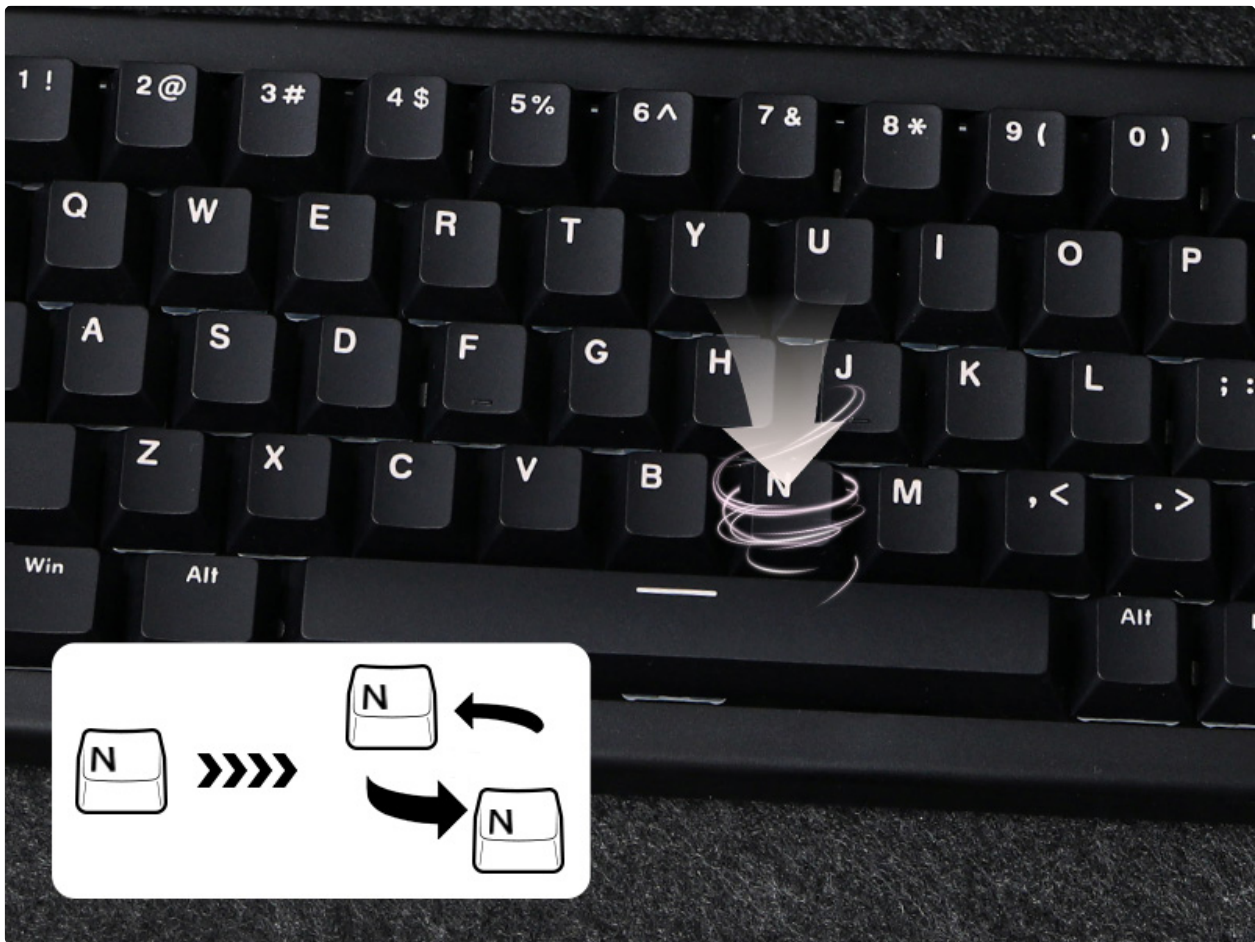


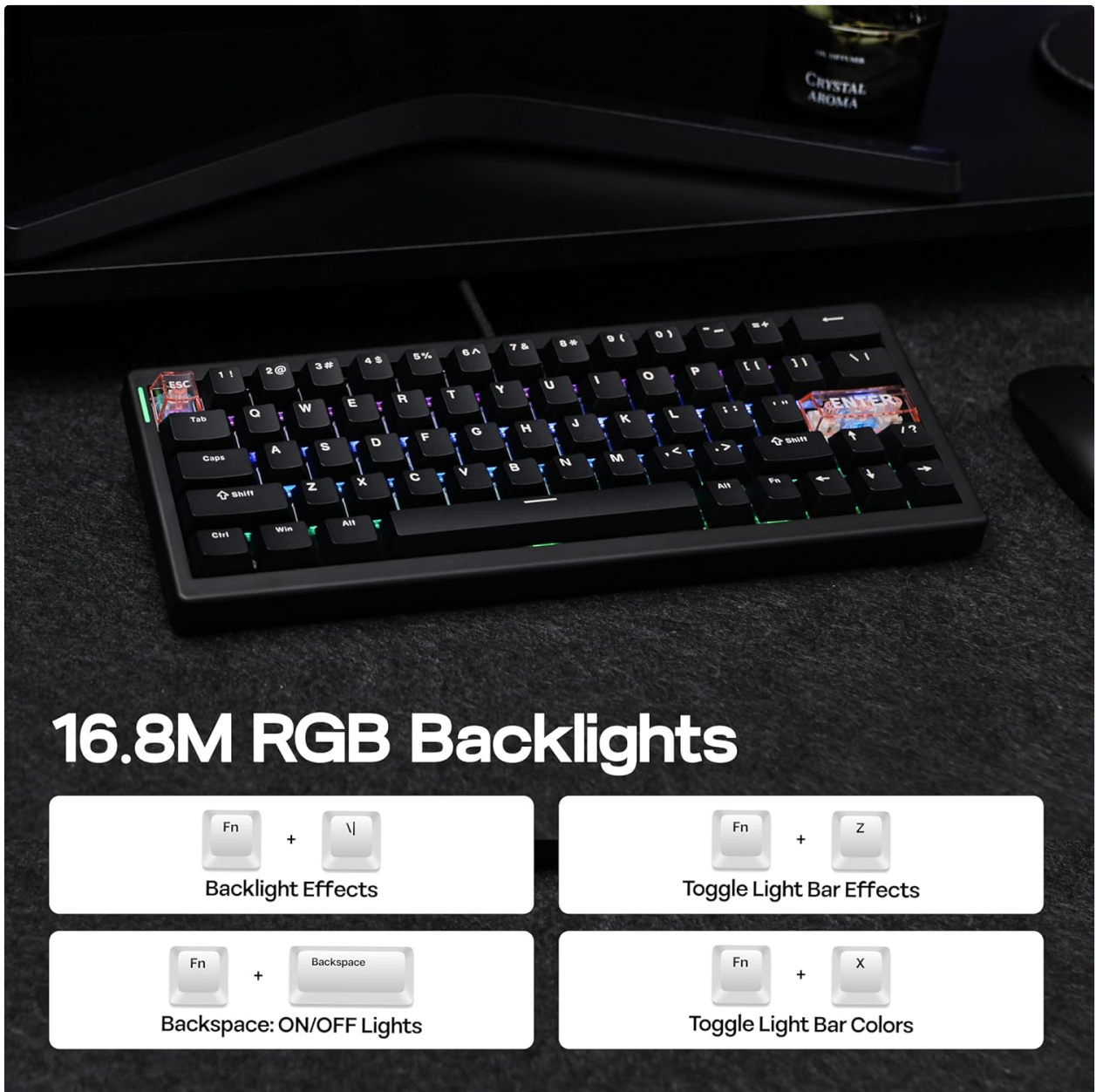
Image 3.2: Adjustable kickstands for customizing the keyboard's tilt.

4. OPERATING INSTRUCTIONS

4.1 RGB Backlighting Control

The CIDOO C60 HE keyboard features 16.8 million RGB backlights. Use the following key combinations to control the lighting effects:

- **Fn + \|**: Cycle through backlight effects.
- **Fn + Z**: Toggle light bar effects.
- **Fn + Backspace**: Turn backlights ON/OFF.
- **Fn + X**: Toggle light bar colors.



16.8M RGB Backlights



Backlight Effects



Toggle Light Bar Effects



Backspace: ON/OFF Lights



Toggle Light Bar Colors

Image 4.1: Key combinations for managing RGB backlight settings.

4.2 Web-Based Customization Software

For advanced customization, including stroke settings, key remapping, macro editing, and detailed backlight settings, utilize the web-based driver. This software allows you to fine-tune features like Rapid Trigger (RT), Dynamic Key Stroke (DKS), Mod-Tap (MT), and Toggle (TGL) functions, as well as adjust actuation points (0.1-3.5mm) and configure SOCD cleaning.

1. Open a web browser on your computer.
2. Navigate to the official MechLands or CIDOO support website (refer to product packaging or manufacturer's website for the exact URL).
3. Follow the on-screen instructions to connect your keyboard and access the customization options.



Image 4.2: Overview of the web-based customization software.

4.3 Hot-Swappable Switches

The CIDOO C60 HE features hot-swappable magnetic switches, allowing you to change switches without soldering. This feature is exclusive to magnetic switches.

1. Using the provided keycap puller, carefully remove the desired keycap.
2. Using a switch puller (not included, but often comes with replacement switches), gently extract the magnetic switch from its socket.
3. Align the pins of the new magnetic switch with the socket and press firmly until it clicks into place.
4. Replace the keycap.

Caution: Ensure the keyboard is disconnected before attempting to remove or install switches. Only use compatible magnetic switches.



Image 4.3: Illustration of the hot-swappable magnetic switches and PCB components.

5. MAINTENANCE

5.1 Cleaning the Keyboard

Regular cleaning helps maintain the keyboard's performance and appearance.

- Disconnect the keyboard from your computer before cleaning.
- Use a can of compressed air to remove dust and debris from between the keycaps.
- Wipe the keycaps and keyboard surface with a soft, slightly damp, lint-free cloth. Avoid excessive moisture.
- For stubborn grime, a small amount of isopropyl alcohol on a cloth can be used, but avoid direct application to switches or electronics.
- Allow the keyboard to dry completely before reconnecting it.

6. TROUBLESHOOTING

6.1 Keyboard Not Responding

- Ensure the USB-C cable is securely connected to both the keyboard and the computer.
- Try connecting the keyboard to a different USB port on your computer.
- Test the keyboard on another computer to determine if the issue is with the keyboard or the original computer.
- Restart your computer.

6.2 RGB Lighting Not Working

- Check if the lighting is turned off using the **Fn + Backspace** key combination.
- Cycle through different lighting effects using **Fn + \|** to see if any effect displays.
- Ensure the keyboard's firmware is up to date via the web-based customization software.

6.3 Keys Not Registering or Double-Typing

- Carefully remove the keycap and switch for the affected key. Inspect for any debris or damage.
- Re-seat the switch firmly into its socket.
- If the issue persists, consider replacing the magnetic switch.
- Ensure the web-based software settings for actuation points are not set too sensitively, which might cause unintended activations.

7. SPECIFICATIONS

Brand	MechLands
Model	C60 HE
Product Dimensions	11.81 x 4.65 x 1.26 inches
Item Weight	1.87 pounds
Connectivity Technology	USB-C Wired
Keyboard Description	Gaming
Special Features	Backlit, Hall Effect Switch, Hot-Swappable, Silent Magnetic Switch
Compatible Devices	Laptop, PC, Smartphone, Tablet
Keyboard Backlighting	RGB
Material	Plastic
Polling Rate	8K
Latency	0.125ms
Key Layout	63-Key Compact

8. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official MechLands website or contact their customer service directly. Details can typically be found on the product packaging or the manufacturer's official online channels.

You can visit the MechLands store page for more information: [MechLands Store](#)