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## LEOBOG HI98

# LEOBOG HI98 Gaming Keyboard User Manual

Model: HI98 | Brand: LEOBOG

## 1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your LEOBOG HI98 Gaming Keyboard. The HI98 is a 95% layout wired mechanical keyboard featuring an ergonomic gasket structure, hot-swappable switches, and customizable RGB backlighting, designed for compatibility with Windows, Mac, and Android systems.

## 2. WHAT'S IN THE BOX

Carefully unpack the contents and ensure all items are present:

- LEOBOG HI98 Gaming Keyboard
- USB Cable (Type-C)
- Keycap Puller
- LEOBOG Star Vector Linear Switches (pre-installed or included as spares)
- User Manual (this document)



Image: Contents of the LEOBOG HI98 Gaming Keyboard package, including the keyboard, USB cable, keycap puller, and user manual.

### 3. KEY FEATURES

#### 3.1. 95% Layout Design

The HI98 keyboard features a 101-key layout, retaining most of the functionality of a full-size keyboard, including a numeric keypad and arrow keys, in a more compact form factor. The aluminum alloy case provides durability and a premium feel.



# HI98



Full Aluminum Body



Leobog Hot-swan socket



CNC Machined



5-Layer Sound Absorbing Foam



Gaming-Grade Chip



NKRO



Gasket structure



Full RGB Backlight

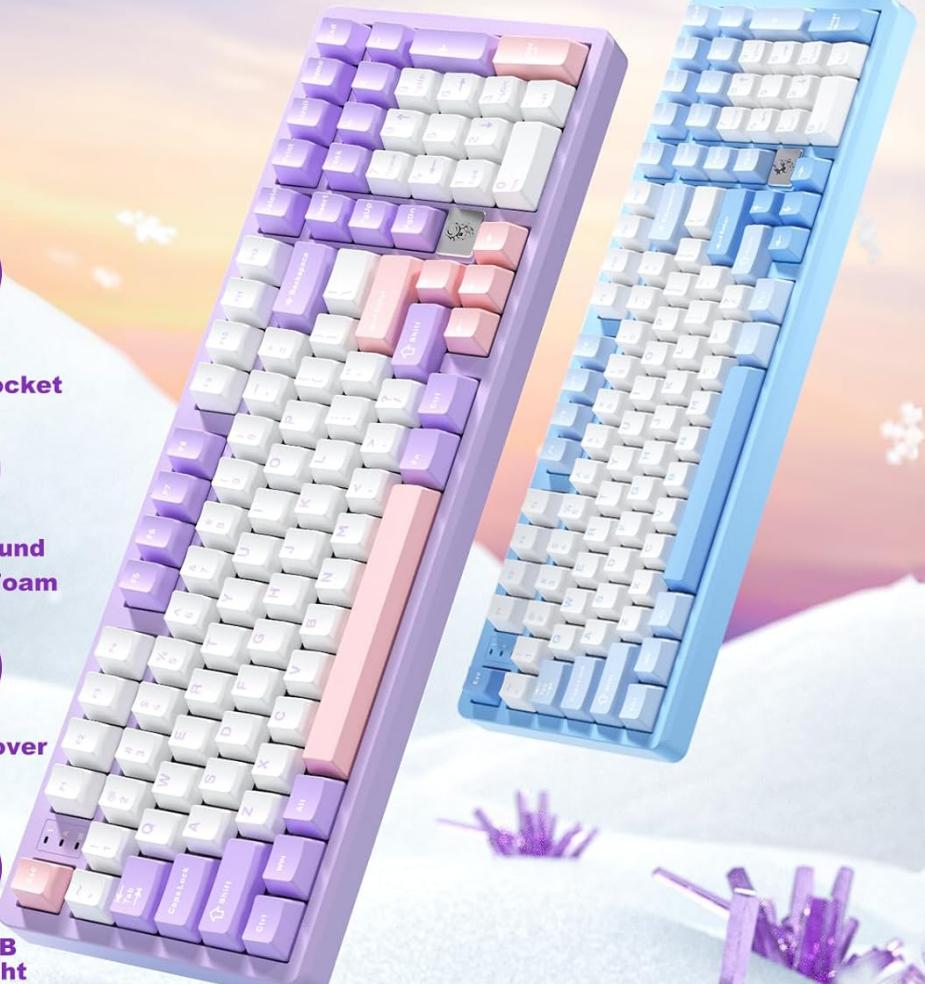


Image: Overview of key features of the LEOBOG HI98 keyboard, including its aluminum construction and internal components.

## 3.2. Gasket-Mounted Structure

The keyboard incorporates a gasket-mounted design with four layers of sound-deadening material, including PO foam and a silicone pad. A 1.2mm flexible hot-swappable PCB and PC board enhance key resilience and typing sound, reducing noise and providing a comfortable typing experience.

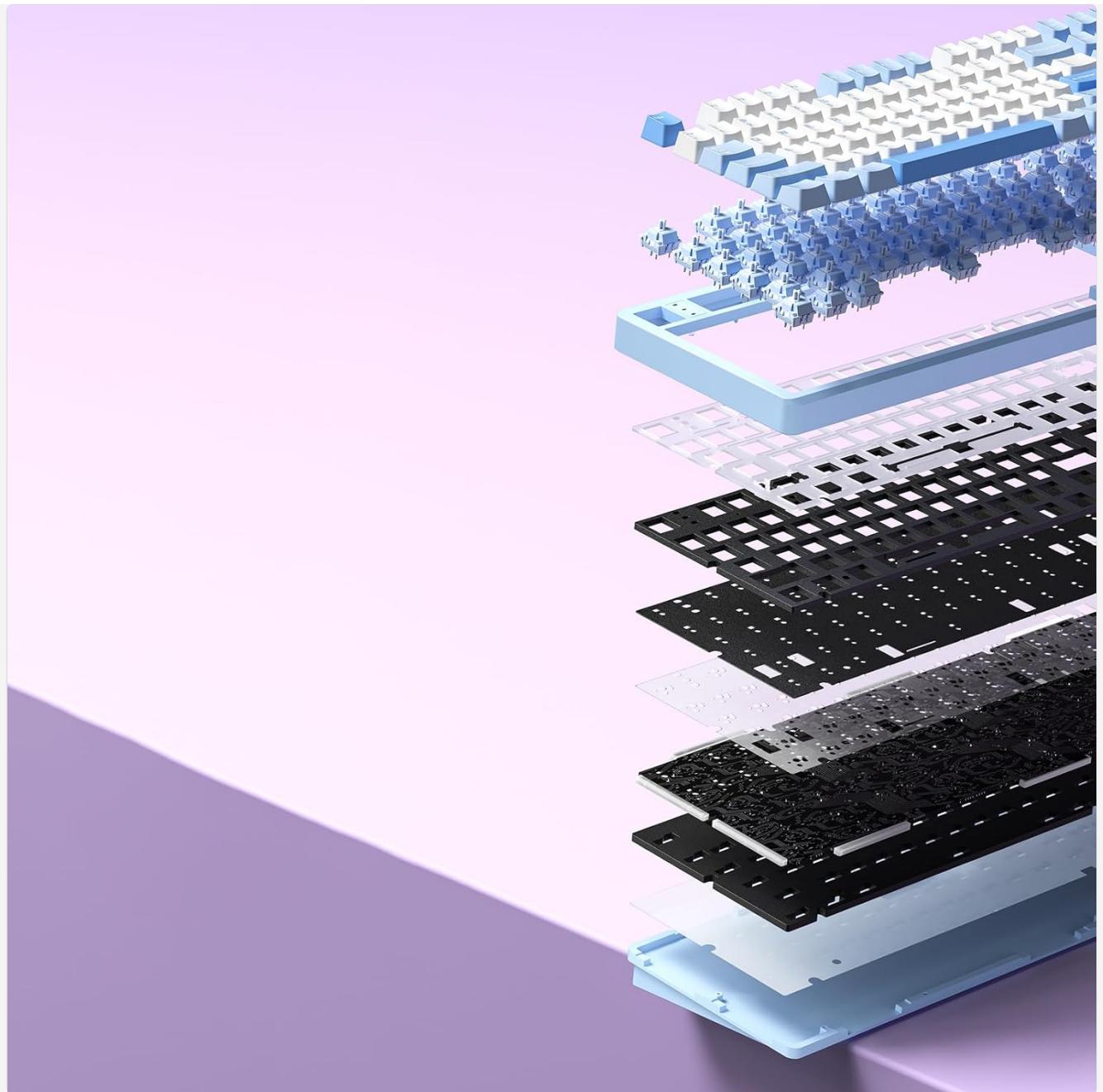


Image: An exploded diagram illustrating the multi-layered gasket structure of the HI98 keyboard, designed for improved acoustics and typing feel.

### 3.3. PBT Keycaps & Hot-Swappable Switches

The keyboard is equipped with double-shot PBT keycaps, known for their durability and resistance to fading and shine. The frosted surface offers a comfortable tactile feel. The all-key hot-swappable design allows for easy customization of switches without soldering.

# LEOBOG Barbie Linear Switches



- **Initial pressure: 28gfMin**
- **Bottom pressure: 45±3gf**
- **Total key stroke: 3.7±0.3mm**

Image: A detailed view of a LEOBOG Barbie Linear Switch, demonstrating its components and key specifications relevant to its performance.

## 3.4. 16.8 Million RGB Backlighting

The keyboard features north-facing LEDs with 16 preset lighting effects and 10 musical rhythms. Brightness and speed can be adjusted via the control knob or FN key combinations. Custom lighting profiles can be created using the dedicated driver software.

## 3.5. Ergonomic Design

The HI98 keyboard is designed with ergonomics in mind, featuring a scientific stair-up keycap profile to maximize comfort and minimize hand fatigue during extended use.

## 4. SETUP GUIDE

1. **Unpack the Keyboard:** Remove the keyboard and all accessories from the packaging.
2. **Connect the USB Cable:** Insert the USB-C end of the provided cable into the port on the keyboard. Connect

the other end (USB-A) to an available USB port on your computer (Windows/Mac) or Android device.

3. **System Recognition:** The keyboard is plug-and-play. Your operating system should automatically detect and install the necessary drivers.



## Aluminium Case



Image: The USB-C port on the LEOBOG HI98 keyboard, illustrating the wired connection method.

## 5. OPERATING INSTRUCTIONS

### 5.1. RGB Backlight Control

The HI98 keyboard offers extensive RGB lighting customization:

- **Switching Backlight Effects:** Press `Fn + \` (backslash) to cycle through 16 preset lighting effects.
- **Switching Backlight Colors:** Press `Fn + Tab` to change the backlight color.
- **Adjusting Brightness/Speed:** Use the dedicated knob on the keyboard or specific FN key combinations (refer to the keyboard's key legends for specific functions) to adjust backlight brightness and effect speed.
- **Custom Lighting:** For advanced customization, download and install the official LEOBOG driver software from the manufacturer's website.

# 16+ MILLION RGB BACKLIT

**FN+\|: Switching backlight effect**

**FN+TAB: Switching backlight color**



Image: The HI98 keyboard demonstrating its RGB backlighting, with visual cues for FN key combinations to control lighting effects and colors.

## 5.2. Hot-Swappable Switches

The HI98 supports hot-swappable switches, allowing you to change mechanical switches without soldering. Use the included keycap puller to remove keycaps and the switch puller (if included, or a separate tool) to remove switches. Ensure replacement switches are compatible (e.g., 3-pin or 5-pin, depending on PCB compatibility).

## 6. MAINTENANCE

- General Cleaning:** Use a soft, dry cloth to wipe down the keyboard surface. For deeper cleaning, use compressed air to remove dust and debris from between keycaps.
- Keycap Cleaning:** Keycaps can be removed using the provided keycap puller and cleaned with mild soap and water. Ensure they are completely dry before reattaching.
- Avoid Liquids:** Do not spill liquids on the keyboard. If a spill occurs, immediately disconnect the keyboard and allow it to dry completely before reconnecting.

## 7. TROUBLESHOOTING

If you encounter issues with your LEOBOG HI98 keyboard, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Keyboard not responding	Loose USB connection, driver issue, faulty cable.	Ensure USB cable is securely connected to both the keyboard and the computer. Try a different USB port or cable. Restart your computer.
Keys not registering or double-typing	Dust/debris under keycap, faulty switch.	Remove the keycap and use compressed air to clean the switch area. If the issue persists, replace the switch (due to hot-swap capability).
RGB lighting not working or incorrect	Software conflict, incorrect settings.	Ensure the keyboard is properly connected. Use FN key combinations to reset or cycle through effects. Check the driver software for settings.
Keyboard feels unstable or wobbly	Uneven surface, damaged feet.	Place the keyboard on a flat, stable surface. Check the rubber feet on the bottom of the keyboard for damage.

If the problem persists after attempting these solutions, please contact LEOBOG customer support for further assistance.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	HI98
Layout	95% (101 Keys)
Dimensions (L x W x H)	15.9 x 5.35 x 1.89 inches (40.39 x 13.59 x 4.80 cm)
Item Weight	6.38 pounds (2.89 kg)
Connectivity	Wired USB-C
Keyboard Type	Mechanical
Backlighting	RGB (16.8 Million Colors)
Keycap Material	Double-shot PBT
Switch Type	LEOBOG Star Vector Linear Switches (Hot-swappable)
Compatible Devices	PC (Windows, Mac), Android
Manufacturer	LEOBOG

## 9. WARRANTY AND SUPPORT

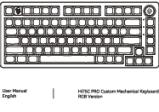
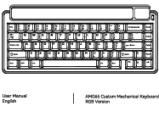
For warranty information and technical support, please refer to the official LEOBOG website or contact their

customer service directly. Specific warranty terms may vary by region and retailer. Please retain your proof of purchase for warranty claims.

No official seller videos were found in the provided product data for embedding in this manual.

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## Related Documents - HI98

	<p><a href="#"><u>LEOBOG K81 Pro Mechanical Keyboard User Manual and Specifications</u></a></p> <p>Comprehensive user manual and technical specifications for the LEOBOG K81 Pro mechanical keyboard, detailing features, connectivity, shortcuts, system compatibility, and warranty information.</p>
	<p><a href="#"><u>LEOBOG AMG65 Custom Mechanical Keyboard User Manual</u></a></p> <p>Comprehensive user manual for the LEOBOG AMG65 Custom Mechanical Keyboard, detailing product features, specifications, shortcut functions, and installation instructions.</p>
	<p><a href="#"><u>Leobog Hi75C PRO Custom Mechanical Keyboard User Manual</u></a></p> <p>User manual for the Leobog Hi75C PRO Custom Mechanical Keyboard, detailing product features, specifications, and shortcut functions.</p>
	<p><a href="#"><u>Leobog A75 Custom Mechanical Keyboard User Manual</u></a></p> <p>User manual for the Leobog A75 Custom Mechanical Keyboard (RGB Version), detailing product features, specifications, shortcut functions, and dual mode switching.</p>
	<p><a href="#"><u>Leobog AMG65 User Manual: Custom Mechanical Keyboard</u></a></p> <p>Comprehensive user manual for the Leobog AMG65 Custom Mechanical Keyboard (RGB Version). Details product features, specifications, and shortcut key descriptions for optimal use.</p>



RF Exposure Evaluation Report

Application No:	CP09010000000000000000000000000000
Name of Applicant:	Haier Electronics (Tianjin) Co., Ltd
Address:	Haier Electronics (Tianjin) Co., Ltd, No. 8, 1st Delinghe Road, Binhai New Area, Tianjin, China
E/F Registration:	HAIER-ELECTRONICS (TIANJIN) CO., LTD. (HAIER-ELECTRONICS (TIANJIN) CO., LTD.)
Model No.:	HAIER-ELECTRONICS (TIANJIN) CO., LTD.
PCU ID:	00000000000000000000000000000000
Product Name:	Haier
Charging Voltage:	DC 12V
Standard:	GB/T 20956-2007
Product Type:	DC/DC Power Supply
Date of Report:	2020-04-27
Date of Test:	2020-04-26 09:17:11
Test Result:	PASS
Presented By:	Wang, Jun (Testing Engineer)
Approved By:	Wang, Jun (Testing Engineer)
Agreement:	I declare that the test results in this report are true and correct. I also declare that the device in the report is in accordance with the relevant standard.
Comments:	None
Designator:	Haier Electronics (Tianjin) Co., Ltd
Notes:	1. All rights reserved. No part of this document may be reproduced, stored in a retrieval system, or transmitted, in whole or in part, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of Haier Electronics (Tianjin) Co., Ltd.

## LEOBOG Hi98PRO Keyboard RF Exposure Evaluation Report

RF Exposure Evaluation Report for the LEOBOG Hi98PRO keyboard, detailing test results, compliance requirements, and SAR exemption analysis conducted by Dongguan DN Testing Co., Ltd. according to FCC regulations.