## GIM KB-14

# GIM KB-14 Pro Magnetic RGB Light Strip

### USER MANUAL

## 1. Introduction

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of the GIM KB-14 Pro Magnetic RGB Light Strip. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

## 2. Safety Information

- Ensure the power supply is disconnected before installation or maintenance.
- This product is designed for indoor use within a PC case. Do not expose to moisture or extreme temperatures.
- Use only with compatible 5V ARGB 3-pin headers. Connecting to a 12V RGB header will damage the product.
- Keep out of reach of children.
- Do not attempt to disassemble or modify the light strip.

## 3. Package Contents

Verify that all items are present in the package:

- GIM KB-14 Pro Magnetic RGB Light Strip (35cm)
- Mini Controller with SATA Power Header
- 3-pin ARGB Connection Cable
- 4-pin to 6-pin Fan Port Cable (for GIM Hub connection)

This image displays the GIM KB-14 Pro Magnetic RGB Light Strip, showcasing its rectangular form factor and the attached mini controller with SATA power connector and 3-pin ARGB connector. The strip itself is illuminated with a vibrant rainbow gradient.

## 4. Specifications

| Feature | Detail |
| --- | --- |
| Model Number | KB-14 |
| Dimensions (LxWxH) | 13.7 x 0.7 x 0.7 inches (35cm x 1.8cm x 1.8cm) |
| Material | Aluminum |
| Light Source Type | LED (Addressable RGB) |
| Voltage | 5 Volts |
| Mounting Type | Magnetic Mount |
| Color | Multicolor |

## 5. Setup and Installation

The GIM KB-14 Pro light strip features magnetic adsorption for easy installation within your PC case. Ensure your PC is powered off and unplugged before beginning installation.

## 5.1 Magnetic Installation

Position the light strip inside your PC case. The magnets on both sides of the strip will adhere to any ferrous metal surface, allowing for flexible placement. Common placements include along the top, bottom, or side panels of the case.



An internal view of a PC case demonstrating the magnetic installation of the GIM KB-14 Pro RGB Light Strip. The strip is attached horizontally to the top frame and vertically to the side, highlighting the "Double-Side Magnetic Suction" feature. RGB fans are also visible.

## 5.2 Connection Methods

The GIM KB-14 Pro offers three primary ways to connect and power the light strip:

1. **Connect to Lighting Controller:** Connect the 3-pin cable from the light strip to the included mini lighting controller. Then, connect the lighting controller's SATA header to a SATA power connector from your Power Supply Unit (PSU).

2. **Connect to GIM Hub:** Connect the 4-pin cable from the light strip to a 6-pin fan port (2-5Pin) on a compatible GIM Hub (sold separately).

3. **Connect to Motherboard:** If your motherboard has a 5V ARGB 3-pin header, connect the 3-pin cable

from the light strip directly to this header. **Ensure it is a 5V ARGB header and not a 12V RGB header.**



A diagram titled "3 Ways Connections" showing three distinct methods to connect the GIM KB-14 Pro RGB Light Strip: 1) to a lighting controller, 2) directly to a motherboard with a 5V-3Pin VDG header, and 3) to a GIM hub's 4-pin to 6-pin fan port.

## 6. Operating Instructions

Once installed and connected, you can adjust the lighting effects of your GIM KB-14 Pro light strip using one of the following methods, depending on your connection choice:
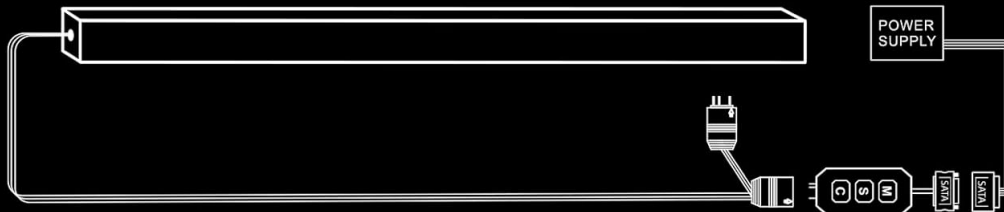
### 6.1 Adjusting Color and Speed

1. **Using the Lighting Controller:** If connected to the mini lighting controller, use the buttons on the controller:

   ○ Press "M" to cycle through different lighting modes.
   ○ Press "S" to adjust the light speed of the current mode.
   ○ Press "C" to adjust colors within certain modes.

2. **Using a GIM Hub:** If connected to a GIM Hub, use the fan controller provided with the GIM Hub to adjust the light strip's speed and color. Refer to your GIM Hub's manual for specific instructions.
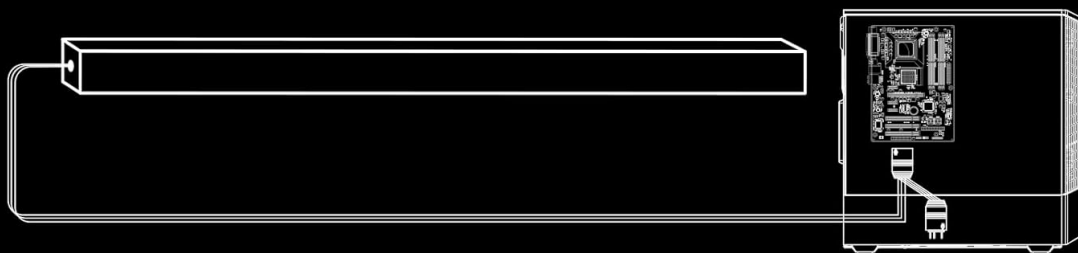
3. **Using Motherboard Software:** If connected directly to a 5V ARGB 3-pin header on your motherboard, you can adjust the color and speed through your computer's motherboard RGB software (e.g., Asus Aura Sync, Asrock RGB Led, Gigabyte RGB Fusion, MSI Mystic Light).

The light strip supports Addressable RGB (ARGB) SYNC, providing a wide range of color combinations and dynamic lighting effects compatible with major motherboard RGB ecosystems.



A complete PC gaming setup featuring a desktop computer with the GIM KB-14 Pro RGB Light Strip installed, alongside a monitor, keyboard, and mouse, all illuminated with synchronized RGB lighting. The image highlights "5V ARGB Motherboard Sync" and "Color Change with Music".

A close-up view of a PC case interior, brightly lit by the GIM KB-14 Pro RGB Light Strip and other RGB components. The image emphasizes the vibrant lighting effects and the product's role as a "GIM PC Case Strip Light".

## 7. Maintenance

The GIM KB-14 Pro Magnetic RGB Light Strip requires minimal maintenance.

- **Cleaning:** To clean the light strip, ensure your PC is powered off and unplugged. Gently wipe the surface with a soft, dry, or slightly damp cloth. Do not use harsh chemicals or abrasive materials.
- **Inspection:** Periodically check the connections to ensure they are secure.

## 8. Troubleshooting

| Problem | Possible Cause | Solution |
|---------|---------------|----------|
| Light strip does not light up. | No power, incorrect connection, or faulty component. | Check all power connections (SATA, GIM Hub, or motherboard header). Ensure the 3-pin ARGB connector is fully seated. Verify the power supply is on. |

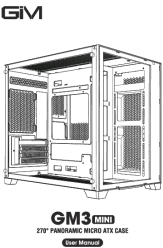| Colors are incorrect or flickering. | Incorrect ARGB header connection or software conflict. | Ensure the light strip is connected to a 5V ARGB 3-pin header, not a 12V RGB header. If using motherboard software, ensure it is up-to-date and properly configured. Try restarting the PC. |
|---|---|---|
| Light strip not responding to controller/software. | Loose connection or software issue. | Verify the connection to the controller, GIM Hub, or motherboard. If using software, close and reopen the application, or reinstall it if necessary. |

## 9. Warranty Information

The GIM KB-14 Pro Magnetic RGB Light Strip comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use. It does not cover damage caused by misuse, unauthorized modification, or improper installation.
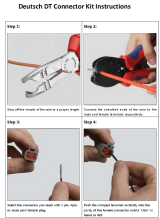
## 10. Customer Support

For further assistance, technical support, or warranty claims, please contact GIM customer support. We offer 7*24 hours customer support to address any questions or concerns you may have.
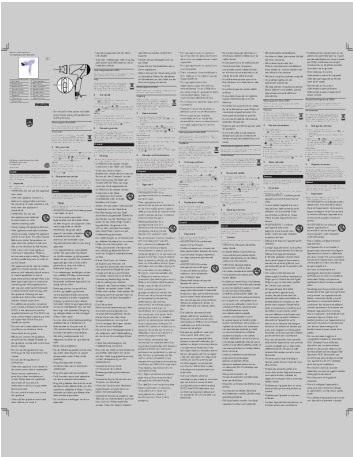Please visit the official GIM website or refer to your purchase documentation for specific contact details.

## Related Documents - KB-14

| | |
|---|---|
| GIM User Manual — GIM RGB Case Fans | **GIM KB-Series RGB Case Fans User Manual \| Installation, Specs, FAQ**<br>Comprehensive user manual for GIM KB-Series RGB Case Fans. Find detailed information on installation, RF remote control functions, technical specifications, troubleshooting FAQs, and customer support. |
| GIM GM3 MINI 270° PANORAMIC MICRO ATX CASE User Manual | **GIM GM3 MINI 270° Panoramic Micro ATX Case User Manual**<br>Comprehensive user manual for the GIM GM3 MINI, a 270° panoramic Micro ATX computer case. Details specifications, accessory kit, I/O interface, and step-by-step installation guides for power supply, motherboard, storage drives, graphics card, water cooling, and fans. |
| GIM User Manual — GIM RGB Case Fans | **GIM KB-Series RGB Case Fans User Manual \| Installation, Specs, FAQ**<br>Comprehensive user manual for GIM KB-Series RGB Case Fans. Find detailed information on installation, RF remote control functions, technical specifications, troubleshooting FAQs, and customer support. |

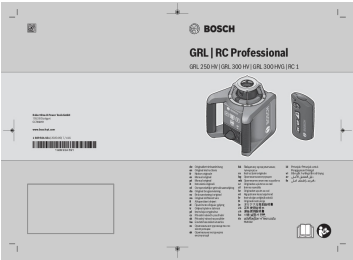| | |
|---|---|
| **Deutsch DT Connector Kit Instructions** <br><br> Step 1:    Step 2: <br><br><br> Step 3:    Step 4: | [Deutsch DT Connector Kit Assembly Instructions](#) <br><br> Step-by-step guide on how to assemble Deutsch DT connector kits, covering wire stripping, terminal crimping, and connector assembly for automotive electrical applications. |
| **NOREGON**   **OFF-HWY** | [Noregon Off-Highway Cable Reference Guide](#) <br><br> A comprehensive reference guide from Noregon detailing various cables for off-highway vehicle diagnostics and connectivity, including specific connectors for major manufacturers like CAT, Cummins, Volvo, Komatsu, and more. The guide also lists cable bundles for construction and ground support equipment. |
| **Gas Kebab Machine <br> User's Manual** <br><br> Attention <br> *(fine print text)* | [Hakka Gas Kebab Machine User's Manual: Installation, Operation, and Safety Guide](#) <br><br> Comprehensive user manual for Hakka Gas Kebab Machines (KB-2, KB-3, KB-4, KB-5). Covers installation, gas and electrical connections, operation, safety precautions, cleaning, maintenance, and warranty information. |

## Documents - GIM – KB-14

**[pdf] User Manual Specifications**

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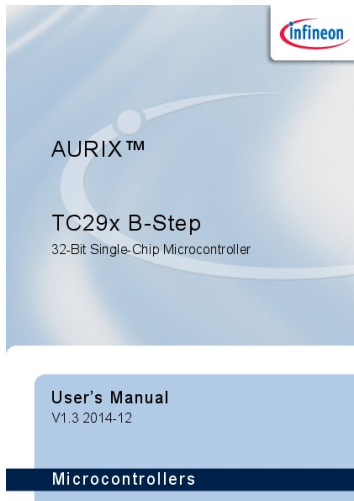lang:en score:16 filesize: 315.16 K page_count: 2 document date: 2015-08-07

**[pdf] User Manual Instructions**

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32-Bit Single-Chip Microcontroller

**User's Manual**
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