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› Meki Acua Chihiros WRGB II 10th Anniversary Edition LED Aquarium Light User Manual

Meki Acua WRGB II

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Model: WRGB II

1. INTRODUCTION

Thank you for choosing the Meki Acua Chihiros WRGB II 10th Anniversary Edition LED Aquarium Light. This advanced lighting system is designed to provide optimal illumination for planted aquariums, promoting healthy plant growth and vibrant coloration. Featuring full-spectrum RGB LEDs and convenient smartphone app control, this special edition light offers both functionality and a unique design.

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Chihiros WRGB II LED light. Please read it thoroughly before use and retain it for future reference.



Image 1.1: Close-up view of the Chihiros WRGB II 10th Anniversary Edition plaque, highlighting the special commemorative design element on the light fixture.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage to the product:

- Ensure the power supply voltage matches the requirements specified on the product label.
- Do not immerse the light fixture or power adapter in water. This product is designed for placement above an aquarium, not inside it.
- Always unplug the power adapter before performing any maintenance, cleaning, or installation tasks.
- Keep the power cord away from sharp objects, heat sources, and areas where it might be pinched or damaged.
- Do not operate the light if any part is damaged, especially the power cord or adapter. Contact customer support for assistance.
- This product is intended for indoor use only.

- Keep out of reach of children and pets.
- Avoid direct eye exposure to the LED light for extended periods, as it can be intense.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- Chihiros WRGB II LED Light Fixture
- Adjustable Stand Brackets (for rimmed or rimless tanks)
- Power Adapter
- US Plug
- Hex Wrenches (for assembly)
- User Manual (this document)
- Optional: Hanging Kit (may be included depending on specific model/package)



Image 3.1: Overview of the Chihiros WRGB II LED light package contents, showing the main light unit, power supply, mounting brackets, and small tools for assembly.

4. SETUP

The Chihiros WRGB II LED light offers two primary installation methods: using the adjustable stand brackets or a hanging kit (if included).

4.1. Installation with Adjustable Stand Brackets

1. Carefully unpack all components.
2. Attach the adjustable stand brackets to both ends of the light fixture using the provided screws and hex wrench. Ensure they are securely fastened.
3. Place the assembled light fixture onto the rim of your aquarium. Adjust the brackets to fit the tank's width and glass thickness (up to 12mm for WRGB II 90 model). Ensure the light is centered and stable.
4. Connect the power adapter to the light fixture, then plug the adapter into a suitable power outlet.



Image 4.1: The Chihiros WRGB II LED light shown with its adjustable stand brackets, designed for secure placement on top of an aquarium.



Image 4.2: Top-down view of the Chihiros WRGB II LED light, illustrating its sleek profile and the attached stand brackets.

4.2. Installation with Hanging Kit (Optional)

If your package includes a hanging kit, follow these steps:

1. Attach the hanging wires to the designated points on the light fixture.
2. Securely mount the other end of the hanging wires to a sturdy overhead support (e.g., a ceiling hook or light stand). Ensure the support can safely bear the weight of the light.
3. Adjust the length of the wires to position the light at the desired height above your aquarium.
4. Connect the power adapter to the light fixture, then plug the adapter into a suitable power outlet.



Image 4.3: The Chihiros WRGB II LED light configured for hanging installation, showing the suspension wires attached to the fixture.



Image 4.4: A side profile of the Chihiros WRGB II LED light, illustrating its slim design and the attachment points for the hanging kit.

5. OPERATING INSTRUCTIONS

The Chihiros WRGB II LED light is controlled via a dedicated smartphone application. This section outlines the basic steps for connecting and operating your light.

5.1. App Installation and Connection

1. Download the "Chihiros Magic" app from your smartphone's app store (available for iOS and Android).
2. Ensure your smartphone's Bluetooth is enabled.
3. Open the Chihiros Magic app. The app will automatically search for nearby Chihiros devices.

4. Select your "WRGB II" light from the list of discovered devices to establish a connection.

5.2. Basic Light Control

Once connected, the app allows you to customize various lighting parameters:

- **Brightness Adjustment:** Use the slider or input field to set the overall intensity of the light.
- **Color Adjustment (RGB):** Individually control the intensity of Red, Green, and Blue LEDs to achieve desired color temperatures and effects.
- **Pre-set Modes:** The app may offer various pre-set lighting modes optimized for different plant types or aesthetic preferences.

5.3. Scheduling and Timers

The app allows you to create custom lighting schedules:

1. Navigate to the "Schedule" or "Timer" section within the app.
2. Set desired ON/OFF times for the light.
3. Configure different lighting intensities and color settings for various periods throughout the day (e.g., sunrise, midday peak, sunset).
4. Save your custom schedule. The light will then operate automatically according to your settings.

Note: For detailed instructions on specific app features, refer to the in-app help section or the Chihiros official website.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your LED light.

- **Cleaning:** Periodically wipe the light fixture's surface with a soft, dry cloth to remove dust and water spots. For stubborn marks, a slightly damp cloth can be used, ensuring no water enters the electrical components.
- **Lens Cleaning:** If the LED lenses become dirty, gently clean them with a soft, lint-free cloth. Avoid abrasive cleaners.
- **Power Cord Inspection:** Regularly inspect the power cord and adapter for any signs of damage, fraying, or overheating. Replace immediately if damage is found.
- **Ventilation:** Ensure the light fixture has adequate ventilation to prevent overheating. Do not cover the light with any materials.

Warning: Always unplug the light from the power outlet before cleaning or performing any maintenance.

7. TROUBLESHOOTING

If you encounter issues with your Chihiros WRGB II LED light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; faulty connection; damaged adapter.	Check if the power adapter is securely plugged into both the light and the outlet. Test the outlet with another device. Inspect the power cord and adapter for damage.

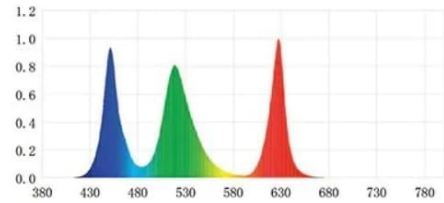
Problem	Possible Cause	Solution
Cannot connect via app.	Bluetooth off; app issue; light not discoverable.	Ensure Bluetooth is enabled on your smartphone. Restart the app and the light (unplug and replug). Make sure your phone is close to the light.
Light flickers or dims unexpectedly.	Unstable power; loose connection; internal fault.	Check all power connections. Try plugging into a different outlet. If the problem persists, contact customer support.
Scheduled settings not working.	Schedule not saved; app synchronization issue.	Ensure the schedule is correctly configured and saved within the app. Re-sync the app with the light.

If these steps do not resolve the issue, please contact Meki Acua customer support for further assistance.

8. SPECIFICATIONS

Detailed technical specifications for the Chihiros WRGB II 90 LED Light:

Feature	Detail
Model	WRGB II 90
Product Dimensions	35.43"L x 5.51"W x 0.68"H (90cm L x 14cm W x 1.8cm H)
Tank Size Compatibility	90-110 cm tanks
Max Glass Thickness	12 mm
Light Source Type	LED (RGB Full Spectrum)
LED Quantity	90 pcs
Luminous Flux	6200lm (8400lm 10th Anniversary Edition)
Power	100W
Control Method	APP Control (Bluetooth)
Material	Aluminum
Color	Black
Waterproof Level	IP43
Power Source	Corded Electric
Manufacturer	Chihiros



10TH ED

Items No.	Product name	Tank size	lighting Size	glass thickness	waterproof level	LED quantity	LED color	Luminous Flux	Power	Luminous Flux
331-9301	WRGBII30	30-45cm tank	W:300mm D: 140mm H: 18mm	max thickness of glass: 10mm	IP43	30pcs	RGB 3 in 1	2300lm	33W	3000LM
331-9451	WRGBII45	45-60cm tank	W:450mm D: 140mm H: 18mm			50pcs		3600lm	49W	4700LM
331-9601	WRGBII60	60-80cm tank	W:600mm D: 140mm H: 18mm			60pcs		4500lm	67W	5900LM
331-9901	WRGBII90	90-110cm tank	W:900mm D: 140mm H: 18mm	max thickness of glass: 12mm		90pcs		6200lm	100W	8400LM
331-91201	WRGBII120	120-140cm tank	W:1200mm D: 140mm H: 18mm			120pcs		7700lm	130W	11000LM

Built-in Controller



Need to use app control apprequired

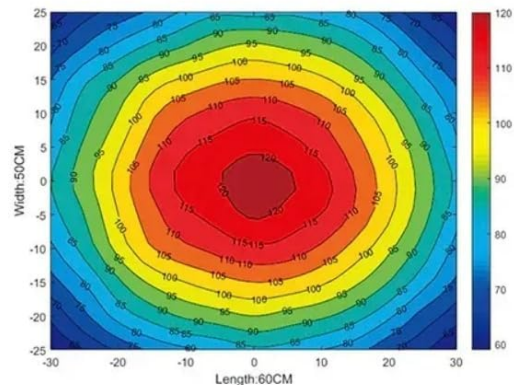
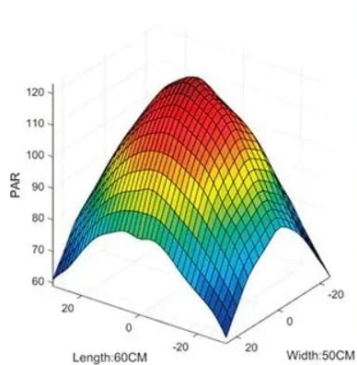


Image 8.1: A detailed specification chart for the Chihiros WRGB II series, showing different models and their corresponding tank sizes, LED quantities, power consumption, and luminous flux. Also includes light distribution graphs.

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official Meki Acua or Chihiros website. If you experience any issues or have questions regarding your Chihiros WRGB II LED light, please contact the seller or manufacturer directly.

Please have your product model number (WRGB II) and purchase details ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

I ordered yee Mini Parrot Fish Feed on April 5th, 2026 (Order #249-4369958-0763810), but the product has not arrived. What should I do?

It appears you are reporting a missing delivery for yee Mini Parrot Fish Feed (Order #249-4369958-0763810). Please note that Manuals+ is a platform for hosting product manuals and troubleshooting guides; we do not sell...

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