MICMOL AA-900

MICMOL Aqua Air AA-900 Planted Smart LED Aquarium Light User Manual

Model: AA-900

INTRODUCTION

The MICMOL Aqua Air AA-900 Planted Smart LED Aquarium Light is designed for freshwater planted tanks, offering a full-spectrum lighting solution with programmable features. This manual provides essential information for the proper installation, operation, and maintenance of your new aquarium light.

PACKAGE CONTENTS

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

- 1 x G2 Aqua Air 900 Lighting Fixture (AA-900 / 72)
- 1 x Smart Controller
- 1 x Super Bracket Set
- 1 x US Standard Power Cord
- 1 x Power Adapter
- 1 x Tool Set
- 1 x Printed Instructions (this manual)

PRODUCT FEATURES

- **Thin Unibody Design:** Features an 11mm super thin, all-aluminum modeled body.
- **Full Spectrum LEDs:** Utilizes high-quality 0.5 watt SMD LEDs, providing a full spectrum suitable for planted tanks.
- **Smart Controller:** Includes a controller with programmable timer, sunrise, sunset, and special effects.
- **Adjustable Brackets:** Equipped with adjustable super brackets suitable for rimmed and rimless aquariums.
- **Water-Resistant:** Designed with a water-resistant cooling system.

- **Certifications:** UL approval power supply ensures safety and efficiency.

SETUP AND INSTALLATION

Follow these steps to properly install your MICMOL Aqua Air AA-900 light:

1. Bracket Assembly and Mounting

The adjustable super brackets allow for flexible mounting on various tank sizes. The brackets are designed to fit tanks between 885mm (35 inches) and 1385mm (54 inches) in length.

Image: Diagram illustrating the dimensions of the light fixture and its adjustable mounting brackets. The fixture measures 33.8 inches in length, with brackets extending to accommodate tanks from 35 to 46 inches. The fixture itself is 0.4 inches thick.

1. Attach the super brackets to both ends of the lighting fixture using the provided tool set.
2. Adjust the bracket length to match the width of your aquarium. Ensure the light fixture is centered over the tank.
3. Carefully place the assembled light fixture onto the edges of your aquarium. Ensure it is stable and securely seated.
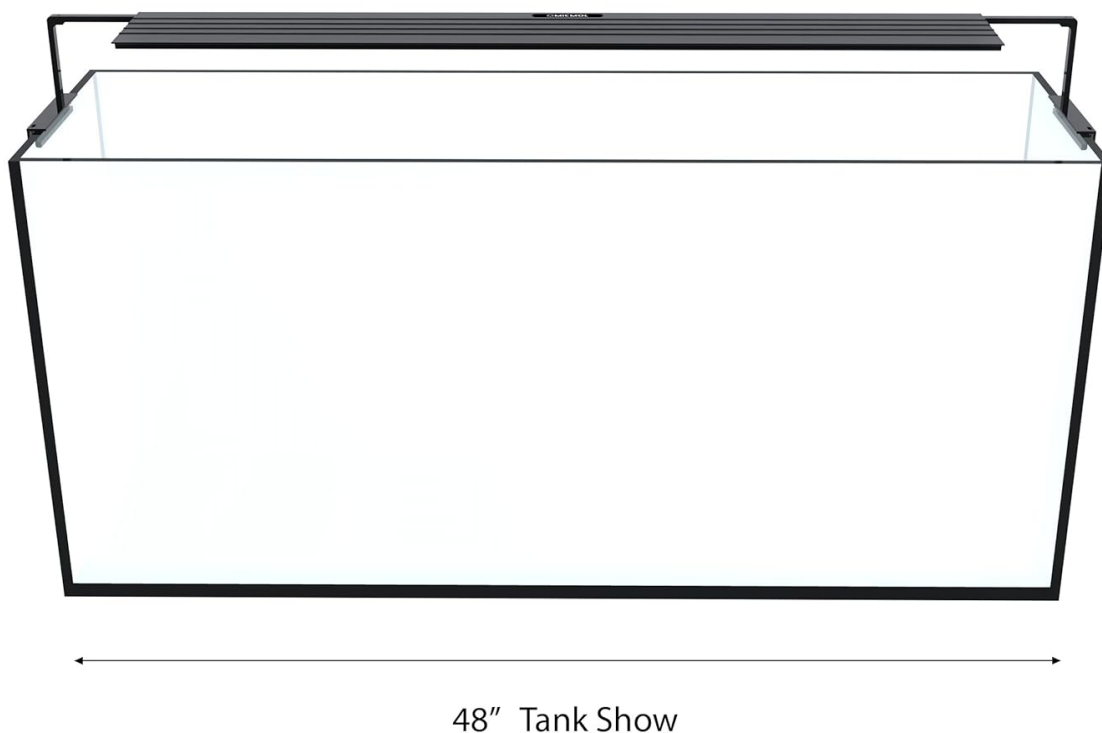
48″ Tank Show

Image: The MICMOL Aqua Air AA-900 light fixture mounted on top of a 48-inch aquarium, demonstrating its fit and placement.

2. Power Connection

1. Connect the smart controller to the lighting fixture.
2. Connect the power adapter to the smart controller.
3. Plug the US standard power cord into the power adapter, then into a suitable electrical outlet.
4. Ensure all connections are secure before powering on the device.

OPERATING INSTRUCTIONS (SMART CONTROLLER)

The Aqua Air smart controller provides comprehensive control over your lighting system. It features a touch interface for easy navigation.

Controller Functions:

- **Clock:** Set the current time for accurate timer functions.
- **Timer:** Program up to 6 timer points to adjust light intensity throughout the day.
- **LED Channels:** The light features 3 independent LED channels that can be set separately:

- **Channel 1 (CN 1):** White LEDs
  - **Channel 2 (CN 2):** White and Royal Blue LEDs
  - **Channel 3 (CN 3):** Special LEDs (UV, Green, Red, Warm White, Blue)

- **Special Effects:** Simulate natural phenomena such as sunrise, sunset, and thunderstorms.
- **Demo Mode:** Allows you to quickly preview all settings and effects in approximately 1 minute.
- **Factory Reset:** Resets all settings to their default factory configuration.

PLANTED VERSION   AA-900 3 ✳ Modules

Single Module LED Array
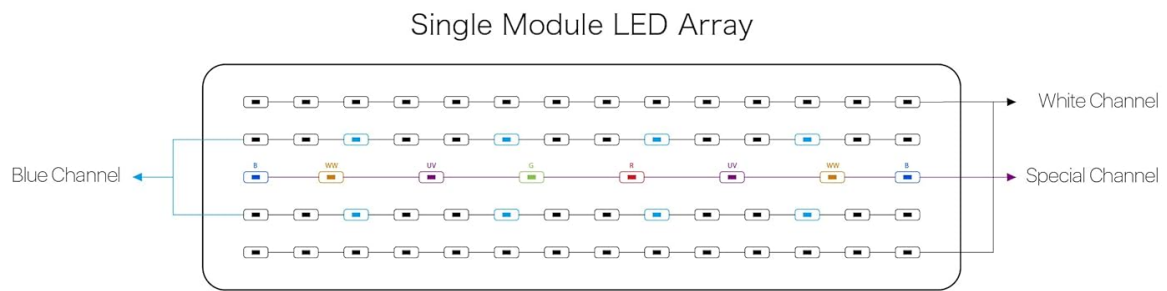
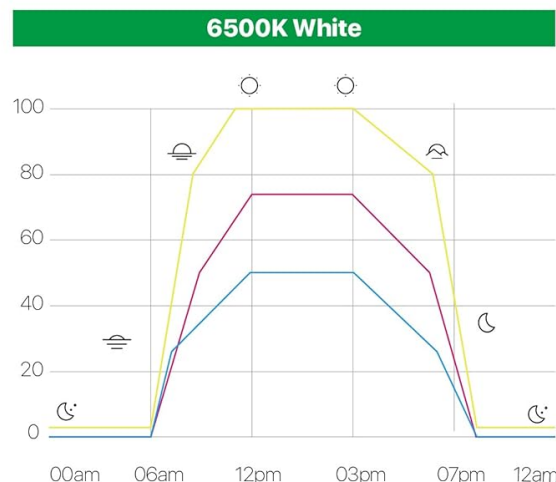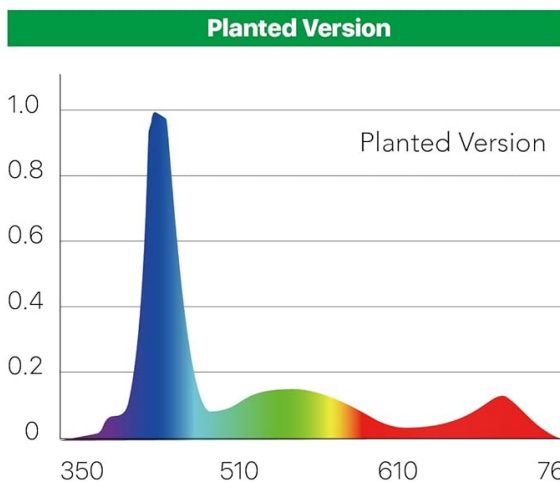|			
■ White	48pcs - 6500k	■ Royal Blue	8pcs - 440nm
■ Warm White	2pcs - 3500k	■ Blue	2pcs - 470nm
■ Red	1pc - 660nm	■ Green	1pc - 525nm
■ UV	2pcs - 395nm		

Planted Version

6500K White

Image: Detailed diagram illustrating the LED configuration for the Planted version of the AA-900, including the distribution of White, Warm White, Red, UV, Royal Blue, Blue, and Green LEDs across three channels. A spectral graph shows the light output, and a daily intensity graph demonstrates programmable sunrise/sunset cycles.

MAINTENANCE

The MICMOL Aqua Air AA-900 features a water-resistant cooling system, minimizing the need for extensive maintenance. To ensure optimal performance and longevity:

- Regularly wipe the exterior of the light fixture with a soft, damp cloth to remove dust and water spots.
- Ensure the cooling vents are not obstructed to allow for proper heat dissipation.

- Do not submerge the light fixture or smart controller in water.
- Disconnect power before performing any cleaning or maintenance.

TROUBLESHOOTING

If you encounter issues with your MICMOL Aqua Air AA-900 light, consider the following:

- **Light not turning on:** Check all power connections, including the power cord, adapter, and controller. Ensure the outlet is functional.
- **Incorrect time or program:** Verify the clock setting on the smart controller. If issues persist, try using the "Factory Reset" option to restore default settings and then reprogram.
- **Inconsistent light output:** Ensure the LED channels are correctly programmed. Check for any physical obstructions on the LED surface.

For persistent issues not resolved by these steps, please refer to the Warranty and Support section for further assistance.
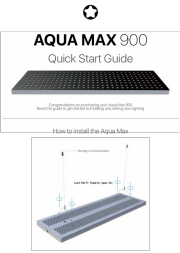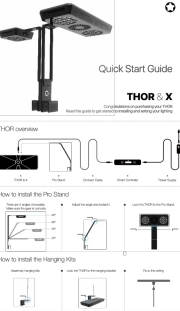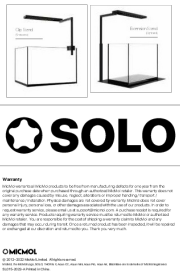
SPECIFICATIONS
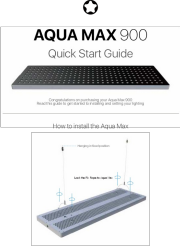
| Feature	Detail
Model Number	AA-900 (G2-AA-900-P)
Power	72W
Dimensions (Fixture)	860 x 126 x 11mm (33.8 x 4.96 x 0.43 inches)
Weight	2.5 kg (5.5 lbs)
Material	Aluminium
LED Configuration (Planted Version)	**CN 1:** 84pcs White **CN 2:** 60pcs White, 24pcs Royal Blue **CN 3:** 6pcs Blue, 6pcs Warm White, 6pcs UV, 3pcs Red, 3pcs Green
Bracket Dimensions (Adjustable)	Min Tank: 885mm (35 inches), Max Tank: 1385mm (54 inches)
Control Method	Touch (Smart Controller)
Special Features	Full Spectrum, Programmable Timer, Sunrise/Sunset, Water-resistant cooling system
Power Supply	UL Approved

WARRANTY AND SUPPORT

The MICMOL Aqua Air AA-900 LED Aquarium Light comes with a**Two-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.
For warranty claims, technical support, or any inquiries regarding your product, please contact MICMOL customer service through their official website or the retailer where the product was purchased. Please retain your proof of purchase for warranty validation.

Related Documents - AA-900

	[MicMol Aqua Max 900 Quick Start Guide - Aquarium LED Lighting](#) This quick start guide provides comprehensive instructions for installing, setting up, and connecting your MicMol Aqua Max 900 aquarium LED lighting system via the iMicMol app, including important safety and warranty information.
	[MicMol Master LED Aquarium Light Quick Start Guide](#) This quick start guide provides essential information for installing, setting up, and operating the MicMol Master LED aquarium light, including app control and warranty details.
	[MicMol THOR & X LED Aquarium Lighting Quick Start Guide](#) Comprehensive quick start guide for the MicMol THOR & X LED aquarium lighting system, covering installation, smart controller setup, lighting modes, and warranty information.
	[MicMol Air Pro LED Lighting Quick Start Guide and App Control](#) A quick start guide for the MicMol Air Pro LED lighting system, covering installation, app control via iMicMol, and important handling information.
	[MicMol SOLO App Controller mini User Manual and Warranty](#) Comprehensive user manual for the MicMol SOLO App Controller mini, covering setup, app pairing, specifications, and warranty details. Learn how to control your aquarium lights with the iMicMol app.

[MicMol Aqua Max 900 Quick Start Guide - Aquarium LED Lighting](#)
This quick start guide provides comprehensive instructions for installing, setting up, and connecting your MicMol Aqua Max 900 aquarium LED lighting system via the iMicMol app, including important safety and warranty information.

Documents - MICMOL – AA-900
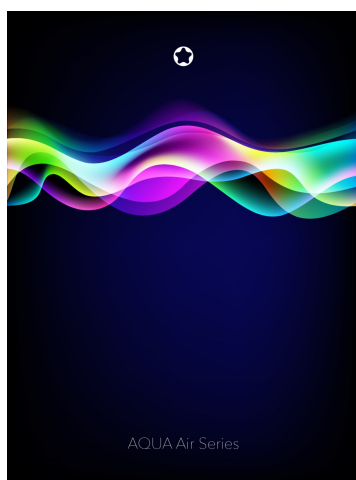
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MicMol Aqua Air Catalog G2 micmol |||
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