

NICREW N10372

NICREW ClassicLED Plus LED Aquarium Light (15W, 18-24 Inch) Instruction Manual

Model: N10372

1. INTRODUCTION

The NICREW ClassicLED Plus LED Aquarium Light is designed to provide optimal lighting for freshwater or saltwater fish and low-to-medium light level aquatic plants. This full-spectrum light combines 6500K white, 450nm blue, TRUE 660nm deep red, and green LEDs to produce a fine-tuned color spectrum. It features a programmable timer with adjustable auto On/Off times, brightness, and ramp-up/dim-down periods to simulate natural sunrise and sunset cycles.

2. SAFETY INSTRUCTIONS

- Always unplug the fixture from the power outlet before performing any maintenance or cleaning.
- This product is designed for indoor use only. Do not immerse the light fixture in water.
- Ensure the power cord is not damaged. If damaged, do not operate the fixture.
- Keep out of reach of children.
- Do not operate if any part of the fixture is wet. Dry thoroughly before plugging in.
- Ensure the light is securely mounted on the aquarium to prevent accidental falls into the water.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition:

- NICREW ClassicLED Plus LED Aquarium Light Fixture
- Wired Controller with Timer
- Adjustable Mounting Brackets (2x)
- Power Adapter

4. SETUP AND INSTALLATION

1. **Unpack the Light:** Carefully remove the light fixture and all components from the packaging.



Figure 1: NICREW ClassicLED Plus LED Aquarium Light fixture.

This image shows the main light fixture with its array of white, blue, red, and green LEDs, and the extendable mounting brackets attached.

2. **Attach Mounting Brackets:** Slide the adjustable docking mounts onto both ends of the light fixture. These brackets allow for easy adaptation to fit most rimless and framed aquariums.

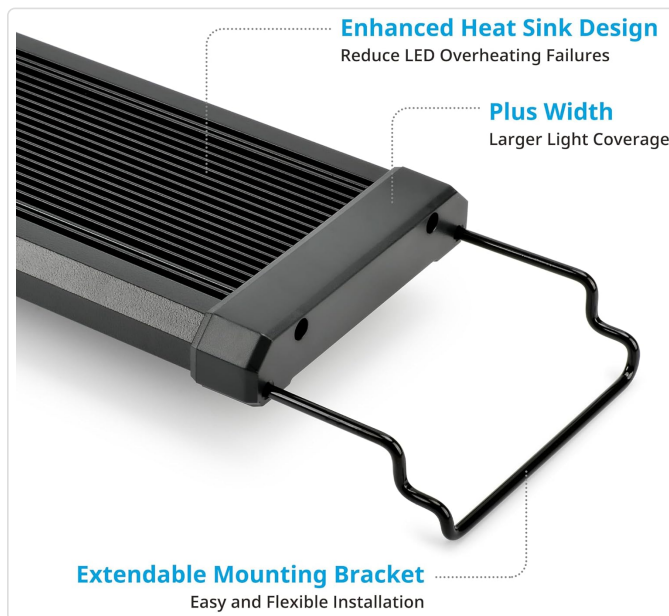


Figure 2: Close-up of the light showing the extendable mounting bracket and enhanced heat sink design.

The image highlights the extendable mounting bracket for flexible installation and the enhanced heat sink design for better heat dissipation.

3. **Position the Light:** Place the light fixture securely on top of your aquarium. Adjust the extendable brackets to ensure a stable fit across the tank's width.

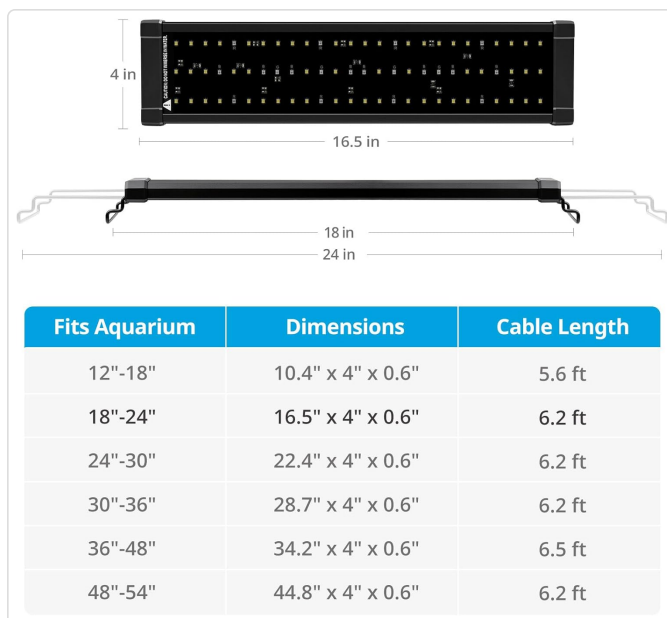


Figure 3: Dimensions and aquarium fitment guide.

This diagram illustrates the various sizes available for the ClassicLED Plus and their corresponding dimensions, ensuring proper fitment for tanks ranging from 12 to 54 inches.

4. **Connect Power:** Plug the wired controller into the light fixture, then connect the power adapter to the controller and finally to a power outlet.

5. OPERATING INSTRUCTIONS

The NICREW ClassicLED Plus features a wired controller for programming the light cycle and adjusting settings. The light offers two independent channels: Channel 1 (CH1) for White, Red, and Green LEDs, and Channel 2 (CH2) for Blue LEDs.

5.1. Controller Overview

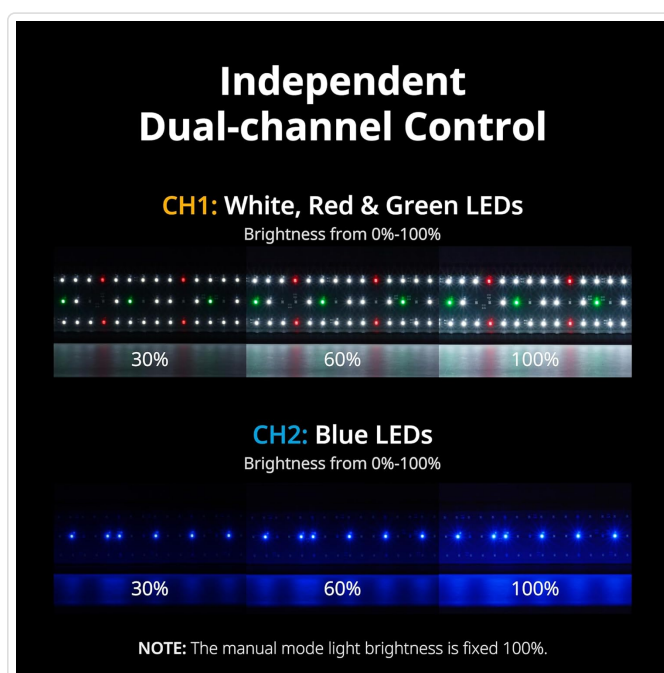


Figure 4: Independent Dual-channel Control.

This image demonstrates the independent control of Channel 1 (White, Red, Green LEDs) and Channel 2 (Blue LEDs), with brightness adjustable from 0% to 100%. Note that manual mode brightness is fixed at 100%.

5.2. Setting the Timer

The controller allows you to set a 24-hour light cycle with customizable on/off times, brightness levels, and ramp-up/dim-down periods for both channels. If you are changing pre-programmed settings, ensure the fixture is not left idle too long, or you may need to restart the process.

- Press the **SET** button to enter programming mode. The display will show "00:00" and flash.
- Use the **HOUR** and **MINUTE** buttons to set the current time.
- Press **SET** again. The display will show "ON" briefly, then flash the current time. Use **HOUR** and **MINUTE** to set the desired ON time for Channel 1 (White, Red, Green LEDs).
- Press **SET**. The display will show "OFF" briefly, then flash the current time. Use **HOUR** and **MINUTE** to set the desired OFF time for Channel 1.
- Press **SET**. The display will show "100" briefly. Use **HOUR** (+) and **MINUTE** (-) to set the brightness percentage (0-100%) for Channel 1.
- Repeat steps c-e for Channel 2 (Blue LEDs).
- Press **SET**. The display will flash the current ramp time mode (00, 15, or 30). Use **HOUR** (+) or **MINUTE** (-) to choose between 00 (straight on/off), 15 (15-minute ramp-up/dim-down), or 30 (30-minute ramp-up/dim-down).
- Press **SET** to save and exit the settings.

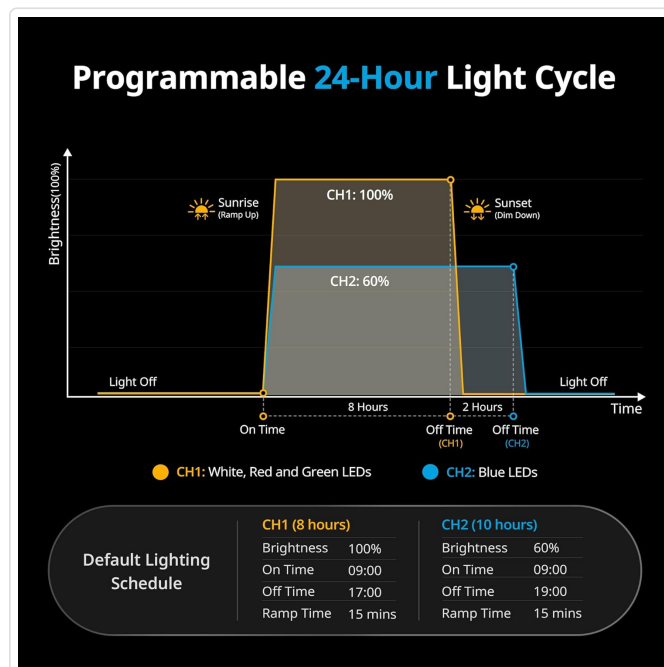


Figure 5: Programmable 24-Hour Light Cycle Example.

This graph visually represents a typical 24-hour light cycle, showing how Channel 1 (White, Red, Green LEDs) and Channel 2 (Blue LEDs) can be programmed with different on/off times, brightness levels, and ramp-up/dim-down periods to simulate natural lighting conditions.

5.3. Manual Operation

To manually turn the light on or off, or switch between modes without using the timer, press the power button on the controller. In manual mode, the brightness is fixed at 100%.

5.4. Video Tutorial: Programming the Timer

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Video 1: How to program your NICREW ClassicLED Plus timer.

This video provides a step-by-step guide on how to program the integrated timer on your NICREW ClassicLED Plus light, including setting the current time, on/off times for each channel, brightness, and ramp-up/dim-down durations.

6. MAINTENANCE

- **Cleaning:** Regularly wipe the light fixture with a soft, dry cloth to remove dust and water spots. Ensure the light is unplugged before cleaning. Do not use abrasive cleaners or solvents.
- **LED Surface:** Gently clean the LED surface with a damp cloth if necessary. Avoid scratching the surface.
- **Power Cord and Connections:** Periodically inspect the power cord and all connections for any signs of damage or wear. Replace if necessary.

7. TROUBLESHOOTING






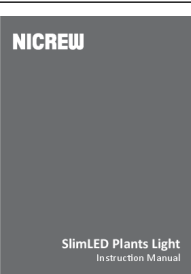
Problem	Possible Cause	Solution
Light does not turn on.	Power not connected, faulty outlet, damaged cable/fixture.	Check power connections. Test outlet with another device. Inspect cable for damage. Contact support if fixture is faulty.
Timer settings are lost after power outage.	The internal clock resets on power loss, but programmed schedules are retained.	Manually reset the current time on the controller after a power outage. The light will then resume its programmed schedule.
Light is too bright/dim.	Brightness settings are incorrect or in manual mode.	Adjust brightness levels in programming mode for timed cycles. Note that manual mode is fixed at 100% brightness.
Light flickers or blinks.	Loose connection, power fluctuation, internal fault.	Check all connections. Ensure stable power supply. If problem persists, contact support.

8. SPECIFICATIONS

- **Model:** N10372
- **Wattage:** 15 Watts
- **Brightness:** 850 Lumens
- **Dimensions (Light Fixture):** 17.52"L x 4.57"W x 2.52"H (for 18-24 inch tank)
- **Material:** Acrylic, Aluminum, Glass
- **Light Source Type:** LED (6500K white, 450nm blue, TRUE 660nm deep red, green)
- **Control Method:** Wired Controller with Timer
- **Power Source:** Corded Electric (20V DC)
- **Water Resistance Level:** Not Water Resistant (Do not immerse)

9. WARRANTY AND SUPPORT

NICREW products are designed for ease of use and enjoyment. This product comes with a hassle-free 12-month warranty. For any questions, concerns, or technical support, please contact NICREW customer service. We are dedicated to providing quality products and support to ensure a better fish keeping experience. For further assistance, please visit the official NICREW Store: [NICREW Store on Amazon](#)

 <p>NICREW</p> <p>ClassicLED Plus Aquarium Light Instruction Manual</p>	<p>NICREW ClassicLED Plus Aquarium Light: Instruction Manual & Setup Guide</p> <p>Comprehensive instruction manual for the NICREW ClassicLED Plus Aquarium Light. Learn how to install, program, and maintain your aquarium lighting for optimal plant and fish health. Includes safety guidelines and troubleshooting.</p>
 <p>NICREW</p> <p>ClassicLED G2 LED Light Instruction Manual</p>	<p>NICREW ClassicLED G2 LED Light Instruction Manual</p> <p>This manual provides instructions for the NICREW ClassicLED G2 LED Light, covering safety precautions, package contents, quick installation, controller usage, timer functions, maintenance, and frequently asked questions.</p>
 <p>NICREW</p> <p>Aquarium Air Pump Instruction Manual</p>	<p>NICREW Aquarium Air Pump Instruction Manual</p> <p>Instruction manual for the NICREW Aquarium Air Pump, covering safety, installation, maintenance, and troubleshooting.</p>
 <p>NICREW</p> <p>Aquarium Air Pump Instruction Manual</p>	<p>NICREW Aquarium Air Pump Instruction Manual</p> <p>Official instruction manual for the NICREW Aquarium Air Pump (model 01933EU2403V3). This guide provides detailed information on safety precautions, installation methods, routine maintenance, proper disposal (EU countries), and warranty details. Learn how to set up and care for your aquarium air pump to ensure optimal performance and longevity.</p>
 <p>NICREW</p> <p>Aquarium Clip-on Light Instruction Manual</p>	<p>NICREW Aquarium Clip-on Light Instruction Manual</p> <p>Instruction manual for the NICREW Aquarium Clip-on Light, covering safety precautions, installation, maintenance, WEEE information, and warranty details.</p>
 <p>NICREW</p> <p>SlimLED Plants Light Instruction Manual</p>	<p>NICREW SlimLED Plants Light Instruction Manual</p> <p>Comprehensive instruction manual for the NICREW SlimLED Plants Light, covering safety precautions, installation, controller usage, color temperature and brightness settings, timer functions, troubleshooting, maintenance, disposal, and warranty information.</p>