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› NICREW SkyLED Plus Aquarium Plant Light User Manual

NICREW N16562

NICREW SkyLED Plus Aquarium Plant Light User Manual

Brand: NICREW | Model: N16562

1. PRODUCT OVERVIEW

The NICREW SkyLED Plus Aquarium Plant Light is engineered to provide optimal lighting for freshwater planted aquariums. It features a full spectrum of LEDs, including 6500K white, 450nm blue, and 660nm red, to efficiently maximize plant photosynthesis and enhance the vibrant colors of your aquatic environment. The light is equipped with an upgraded wired controller with an LCD screen, offering flexible programming for day and night cycles, including ramp-up and dim-down options to simulate natural sunrise and sunset. Its adjustable docking legs allow for easy installation on various tank sizes, and the IP67 water-resistant design ensures durability against daily splashes and humidity.



Image: The NICREW SkyLED Plus Aquarium Plant Light with its wired LCD controller.

2. PACKAGE CONTENTS

- NICREW SkyLED Plus Aquarium Plant Light Fixture
- Wired LCD Controller
- Power Adapter
- Adjustable Docking Legs (pre-installed or separate)
- User Manual (this document)

3. SETUP

3.1 Mounting the Light

The light fixture comes with adjustable docking legs. Extend these legs to fit securely on the edges of your aquarium. Ensure the light is centered and stable over the tank. The adjustable design accommodates tanks from 18 to 24 inches.



Image: Side view of the light fixture showing the adjustable mounting brackets.

3.2 Connecting the Controller

Connect the light fixture to the wired LCD controller, and then connect the controller to the power adapter. Plug the power adapter into a suitable electrical outlet. Ensure all connections are secure before powering on.

Color Spectrum & Intensity Guide

6000K Warm White



- ✓ Enhances red, orange
- ✓ Amazon biotope aquarium
- ✓ Red freshwater fish
- ✓ Shallow-water plants
- ✓ Giving warmer hue

Color Settings

WHITE: 100% | BLUE: 0%

9000K Cool White



- ✓ Enhances all color
- ✓ High lumen
- ✓ Ideal daylight color
- ✓ All freshwater fish
- ✓ Low to medium plants

Color Settings

WHITE: 100% | BLUE: 100%

14000K Bluish White



- ✓ Enhances blue
- ✓ Neons, Cardinal Tetras
- ✓ African Cichlids
- ✓ Angelfish, Discus
- ✓ Little/no algae growth

Color Settings

WHITE: 60% | BLUE: 100%

Night - Deep Blue



- ✓ Enhances blue
- ✓ Cichlids and large fish
- ✓ Perfect for Glofish®
- ✓ Perfect for nocturnal fish
- ✓ Moonlight color

Color Settings

WHITE: 0% | BLUE: 5%-100%

GLOFISH® IS A REGISTERED TRADEMARK OF GLOFISH SPECTRUM BRANDS PET, LLC

Image: The Day+Night Controller with its input and output cables.

3.3 Setup Video Guide

For a visual guide on setting up and programming your SkyLED Plus Controller, please watch the official video below:

Video: Official NICREW guide on how to use the SkyLED Plus Controller, demonstrating setup and programming steps.

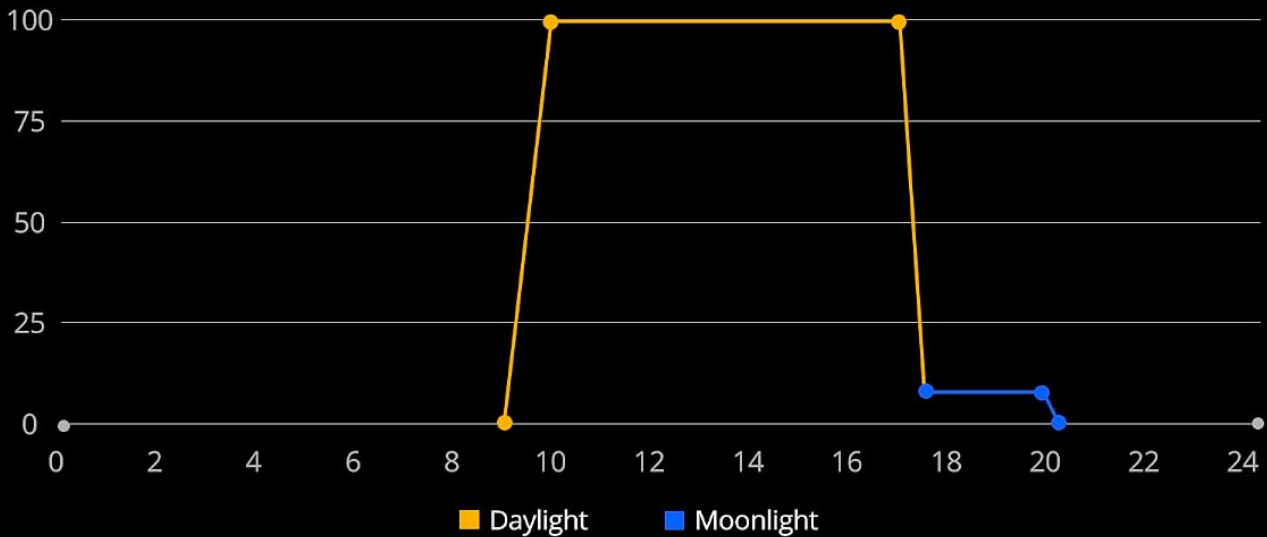
4. OPERATING INSTRUCTIONS

4.1 Controller Functions

The LCD controller allows you to set the current time, program daylight and moonlight cycles, adjust brightness, and configure ramp times for sunrise and sunset simulations. Refer to the detailed programming process in the manual for specific steps.

Default Lighting Schedule

8 hours full intensity, 30 minutes sunrise/sunset,
with 3 hours of 5% blue moonlight.



Note: The lighting program can also be customized and adjusted.

Image: Close-up of the controller display, showing current time and intensity percentages for white and blue channels.

4.2 Default Lighting Schedule

The light comes with a default lighting program. This typically includes 8 hours of full intensity daylight, a 30-minute sunrise/sunset transition, and 3 hours of 5% blue moonlight. This program can be customized to suit your specific needs.

Day + Night Controller

The controller adds flexibility to lighting time and brightness, and can automatically make daylight and nightlight alternation.

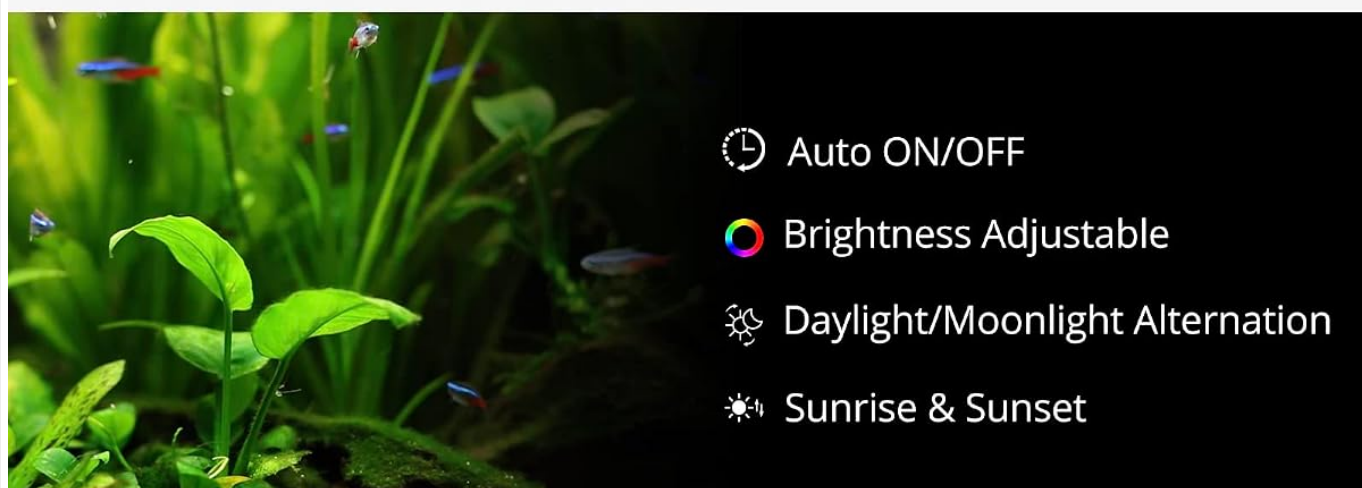


Image: Graph illustrating the default lighting schedule, including sunrise, daylight, sunset, moonlight, and sleep phases.

4.3 Customizing Light Spectrum and Intensity

The full spectrum light allows for customization of white and blue LED intensities. This enables you to create various color temperatures suitable for different aquatic setups, from warm white for red freshwater fish to deep blue for nocturnal viewing.



Image: A guide showing different color spectrums (6000K Warm White, 9000K Cool White, 14000K Bluish White, Night - Deep Blue) and their recommended uses.

5. KEY FEATURES

- **Excellent Full Spectrum:** Super bright 6500K white LEDs combined with 450nm blue and 660nm red LEDs provide a full spectrum for efficient plant photosynthesis.

High-quality LEDs

6500K white LEDs bright up the entire aquarium, 450nm blue and 660nm red LEDs help highlight colors throughout.



Color Rendering



High Brightness



Promote Plants Growth

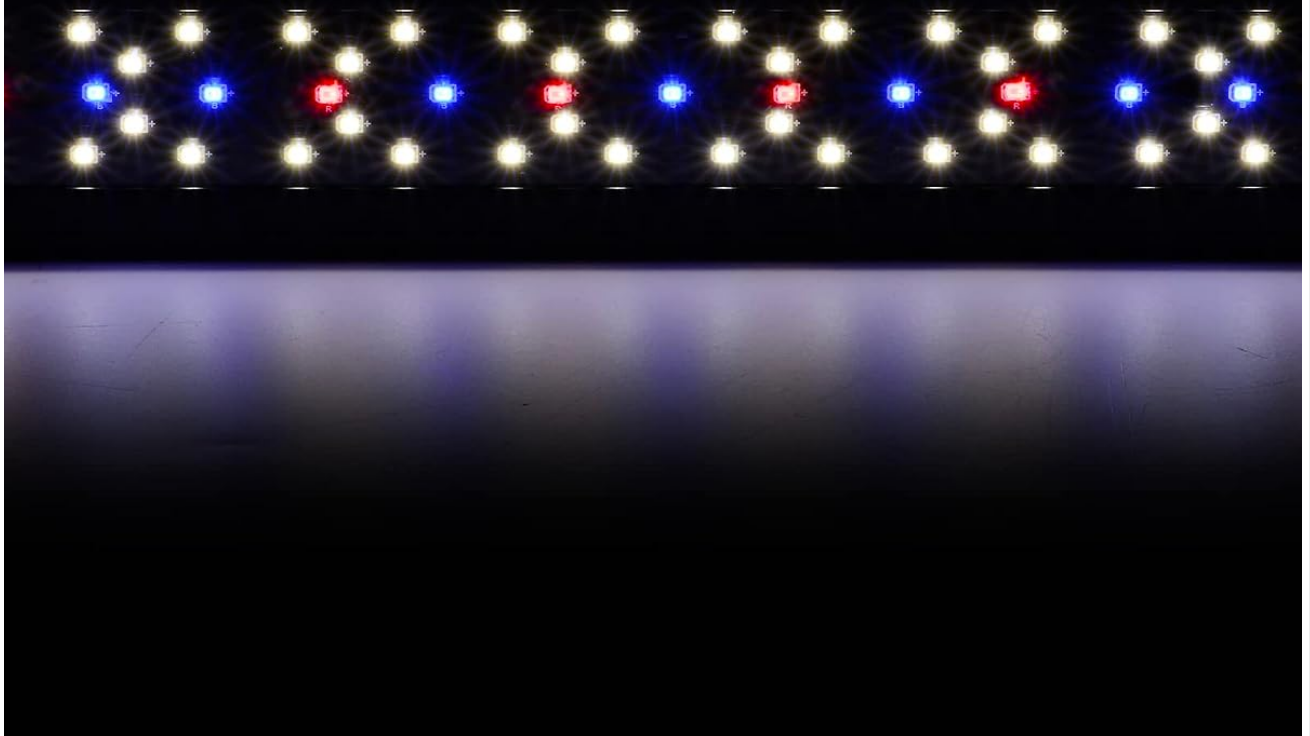


Image: Close-up view of the high-quality white, blue, and red LEDs on the light fixture.

- **Nature-Centered Design:** Features 6 ramp-up and dim-down options (0, 15, 30, 60, 90 or 120-minute) to simulate natural sunrise and sunset, ensuring a gentle transition for fish.
- **Wide Applications:** Adjustable docking legs allow for quick and easy adjustments, extending to fit tanks from 18 to 24 inches.
- **Fully Sealed Fixture (IP67):** The new version features water-resistant function for easily handling daily splash and humidity intrusion, enhancing durability.

IP67 WaterProof Protection

The structure can be used on an aquarium without a lid, and can lower the damage of the daily splash and humidity intrusion.



Image: The light fixture covered in water droplets, demonstrating its IP67 waterproof protection.

6. SPECIFICATIONS

Attribute	Value
Brand	NICREW
Model Number	N16562

Attribute	Value
Size	18 - 24 in
Product Dimensions	0.9"D x 2.2"W x 24"H
Item Weight	1.57 pounds
Wattage	18 watts
Voltage	20 Volts
Light Source Type	LED
Color	Blue, White
Special Feature	Full Spectrum
Water Resistance Level	Water Resistant (IP67)
Controller Type	Wired LCD Controller
Material	Glass, Acrylic
Country of Origin	China

7. MAINTENANCE

To ensure the longevity and optimal performance of your NICREW SkyLED Plus light, regular maintenance is recommended:

- **Cleaning:** Periodically wipe the light fixture with a soft, damp cloth to remove any dust, water spots, or algae buildup. Do not use abrasive cleaners or solvents.
- **Water Resistance:** While the fixture is IP67 water-resistant, avoid submerging it in water. Ensure the power connections remain dry.
- **Cable Inspection:** Regularly check the power cord and controller cables for any signs of damage, fraying, or kinks. If damage is found, discontinue use immediately and contact customer support.

8. TROUBLESHOOTING

If you encounter issues with your NICREW SkyLED Plus light, consider the following:

- **Light Not Turning On:** Ensure the power adapter is securely plugged into both the controller and the electrical outlet. Check if the outlet is functional.
- **Controller Display Issues:** If the display is blank or unresponsive, try unplugging the power adapter for a few seconds and plugging it back in.
- **Settings Reset After Power Outage:** The controller's settings may reset if power is lost for an extended period. Re-program your desired time and schedule following the operating instructions.
- **Inconsistent Lighting:** Verify that the light fixture and controller connections are secure. Ensure no physical obstructions are blocking the light output.

If problems persist after attempting these steps, please contact NICREW customer support.

9. WARRANTY AND SUPPORT

NICREW offers a hassle-free 12-month warranty for the SkyLED Plus Aquarium Plant Light. For any product-related inquiries, technical assistance, or warranty claims, please contact NICREW customer service. They are dedicated to providing 24-hour friendly customer support.

For additional information and a downloadable version of the user manual, please refer to the official PDF document: [Download User Manual \(PDF\)](#)

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

Email

you@example.com

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