NICREW

ClassicLED Plus Aquarium Light
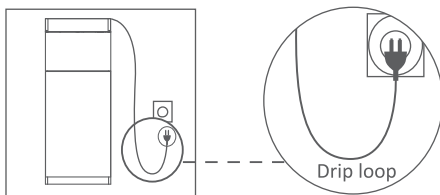
Instruction Manual

Important Safety Instructions

WARNING - To guard against injury, basic safety precaution should be observed including the following:

• **READ AND FOLLOW ALL SAFETY INSTRUCTIONS.**

• Never operate a fixture that is damaged or malfunctioning, discontinue use immediately and return the appliance to an authorized service facility.

• Ensure your hand is dry when turning the power switch on/off and when inserting/removing the power cord from the receptacle.

• If the light falls into water, do not reach for it, unplug it and then retrieve it. If the electrical components of the appliance get wet, unplug the appliance immediately(Non-immersible equipment only).

• Close supervision is necessary when any appliance is used by or near children.

• The operating voltage must be compatible with the transformer voltage requirements.

• A G.F.C.I (Ground fault circuit interrupter) & surge protector is recommended for all electrical appliances.

• Ensure the fixture is securely installed before supplying power to the unit.

• Don't look directly into the LEDs.

• Read and observe all the important notices and warnings on the fixture and power cord. **DO NOT REMOVE THE WARNING LABEL**.

Important Warning | Drip Loops

Mount your power supply where it won't get wet. Include a "drip loop". Drip Loops should always be used to help prevent water from traveling along the cord and coming into contact with an electrical outlet. Drip loops must always be below the level of the outlet. If the plug or outlet does get wet, **DO NOT TOUCH** the cord. Disconnect the fuse or circuit breaker that supplies power to the system. After disconnecting the power, unplug and examine for the presence of water.
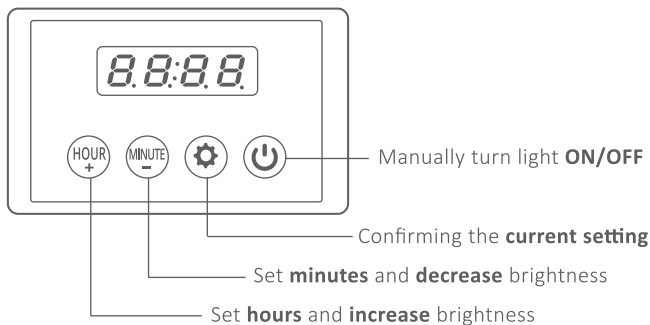

Drip loop

Quick Installation

This product is recommended for use over acrylic or glass-covered aquariums.
- Slide the adjustable docking legs on the side of the fixture to match the length of your aquarium.
- Connect the female DC plug to the male DC plug from the transformer/power supply.
- Plug the transformer into a G.F.C.I approved outlet. Be sure to incorporate a "drip loop" as described and illustrated in Fig.1.
- Position the wired controller in an accessible location.

Quick Installation Guide Continued

Manually turn light **ON/OFF**

Confirming the **current setting**

Set **minutes** and **decrease** brightness

Set **hours** and **increase** brightness

Programming Process

First Time Setup

Before using your controller for the first time, press ✿ and ⏻ simultaneously, hold them down for 3 seconds to reset the timer. This resets the unit to default factory settings.

Set the Clock

a. Press ✿ for 2 seconds, the clock display will begin to flash.
b. Press **HOUR +** and **MINUTE -** to adjust to the correct hours and minutes.
c. Press ✿ to exit current time setting and will advance you to the Channel 1 ON time setting.

NOTE: If you are using the pre-programmed times you are now set and the fixture will turn the channels on and off based on the pre-programmed settings. Leave the fixture idle for about 30 seconds and it will automatically exit the set-up mode.

Set the Timer

If you are changing the pre-programmed settings, proceed to program your desired settings.

NOTE: When you toggle through the programming, don't leave the fixture idle too long. Otherwise, you will need to start over.

a. Press ⚙ after setting the clock (completed above), the LCD display will show "1 ON" briefly and flash a time. Press **HOUR +** and **MINUTE -** to set hours and minutes- this is when you would like your LEDs of Channel 1 to turn on.

b. Press ⚙ , the LCD display will show "1OFF" briefly. Press **HOUR +** and **MINUTE -** to set hours and minutes- this is when you would like your LEDs of Channel 1 to turn off.

c. Press ⚙ , the LCD display will show "1100" briefly which is the default setting. Press **HOUR +** and **MINUTE -** to set the light brightness. The first digit is the channel number you are setting (1=Channel 1, 2=Channel 2).

d. Repeat (a) to (c) to set Channel 2.

e. Press ⚙ again, the LCD display will flash the current ramp time mode. Press **HOUR +** or **MINUTE -** to choose 00, 15, or 30.

Display	Function	Description
00	Straight On/Off	Switching on or off automatically without dimming
15	15 miniutes Sunrise and Sunset	Ramp up and dim down from 0%- 100%- 0% for 15 minutes each
30	30 miniutes Sunrise and Sunset	Ramp up and dim down from 0%- 100%- 0% for 30 minutes each

f. Press ⚙ to save and exit the setting.

NOTE:
• The sunrise begins at the **START** time.
For example, if you want the light to come **ON** at 09:00 and program a 15-minute sunrise, the light will reach 100% at 09:15.

• The sunset begins at the **END** time.
For example, if you program the **END** time at 17:00 with a 15-minute sunset, the light will be completely out at 17:15.

• All channels can be run simultaneously or consecutively.

Manual ON/OFF

If, at any time, you wish to turn your light on, simply press ⏻.
Press ⏻ again to cycle throught the following channels.

Display	Modes
OFF	All LEDs Off
ON	All LEDs ON
2_ON	Only Blue LEDs On

Press ⚙ to resume the normal timing cycle.

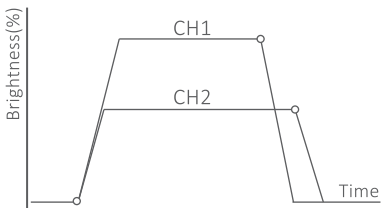**NOTE:** The manual mode light brightness is fixed 100%.

Reset Function
Press and hold ⚙ and ⏻ for 3 seconds.
This resets all programmed settings to the default factory settings.

Default Lighting Schedules

8 Hours full brightness of CH1 and 10 Hours 60% brightness of CH2.

Ramp Time: 15 Minutes

1 ON	09:00	
1 OFF	17:00	
1 ON Brightness	1 100	
2 ON	09:00	
2 OFF	19:00	
2 ON Brightness	2 60	

Frequently Asked Questions

If the power goes out, will the controller remember my settings?
Yes, the controller has an internal memory which will store your settings except current time. You still need to reset the clock.

Why does my LED light not as bright as it should be when using it?
Please check the light brightness of CH1 and CH2, and increase them to 100%.

Why does it take less than 15 minutes to ramp up/dim down?
The brightness will ramp up from 0% to 100% in 15 minutes. Ramp up from 0% to 1% will need about 9 seconds. So as the brightness decreases, the ramp up/dim down time will be proportionally shorter.

Maintenance

- Always turn off the light and unplug the power cord before performing any maintenance.
- Water spray and water scale can create an electrical and fire safety hazard if allowed to collect on fixture. To prevent hazard, use over covered aquarium only and clean fixture regularly. Wipe exterior of fixture down with a clean, freshwater dampened towel. Then dry thoroughly with a second dry towel. Make sure all surfaces are dry before servicing.

Limited Warranty

NICREW products carry a 12-month limited warranty from the date of purchase. If your product is within warranty and you require a replacement part or service, please contact us at **support@nicrew.com**. For more information, please visit **www.nicrew.com**.