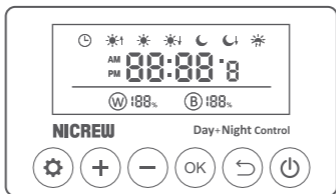# NICREW

Marine Aquarium Light

Quick Start Guide

Important Safety Instructions

WARNING - To guard against injury, basic safety precautions 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.

• 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.

Getting to Know Your Controller

🕐	Current time
☀ı	Daylight on time
☀	Daylight color spectrum
☀ı	Daylight off time
🌙	Moonlight color spectrum
🌙ı	Moonlight off time
☀	Ramp time
Ⓦ	The intensity of White Channel*
Ⓑ	The intensity of Blue Channel**

*White Channel: White LEDs and Red+Green Components of RGB LEDs
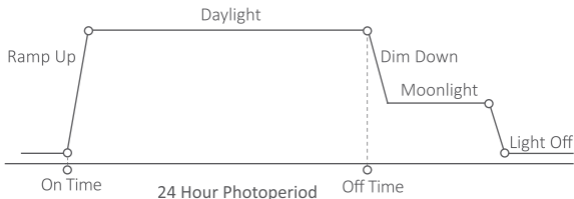**Blue Channel: All Blue LEDs and Blue Component of RGB LEDs

Quick Start Guide

Press and hold ✿ to enter selection screen.
Press +/- to choose your desired setting type.
Press OK to confirm/save settings.
Press ⤺ to exit selection screen.

Pre-programmed Lighting Schedule

Default Program

8 Hours Full Intensity, 30 Minutes Sunrise/Sunset, with 3 Hours of 5% Blue Moonlight

Daylight ON Time	9:00 AM
Daylight Color Spectrum	W-100%, B-100%
Daylight OFF Time	5:00 PM
Moonlight Color Spectrum	W-0, B-5%
Moonlight OFF Time	8:00 PM
Sunrise/Sunset	30 minutes

Detailed Programming Process

First Time Setup

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

To enter the program mode, press and hold ✿ for 2 seconds. The clock icon will begin to flash.

The entire program cycle includes in order (simple to press **+/-** or ⚙ to cycle through each setting, then press **OK** to enter the corresponding setting, press ↩ to return to selection-screen without saving the changes):

🕐	flashes- program current time
☀↑	flashes- program daylight on time (default 9:00 AM)
☀	flashes- program daylight color spectrum (default white channel 100%, blue channel 100%)
☀↓	flashes- program daylight off time (default 5:00 PM)
🌙	flashes- program moonlight color spectrum (default white channel 0%, blue channel 5%)
🌙↓	flashes- program moonlight off time (default 8:00 PM)
☀	flashes- program the duration of ramp up and dim down (0 to 120 minutes duration, default 30 minutes)

You can program any setting by simply pressing **OK** until the mode you would like to program is reached.

For example:
Setting the Clock

1. Press the **OK** button. The hour digits will flash.
2. Press the **+** or - buttons to set the hour (12-hour format).
3. Press **OK** to move to minutes, then press **+/-** to set the minutes.
4. Then press **OK** to save and return to selection screen.

If you are using the pre-programmed times and spectrum you are now set and the fixture will turn the lights on and off based on the pre-programmed settings. Press ↩ or leave the fixture idle for about 30 seconds to exit settings.

If you are changing the pre-programmed settings, follow the steps below.

Setting On/Off Times, Color Spectrum and Ramp Time

You can complete the settings in the following steps. You can write your desired settings down below. Otherwise, you will need to start over if you leave the fixture idle too long.

Daylight On Time:_____:_____

Daylight Color Spectrum: W:_____% B:_____%

Daylight Off Time: ___:___

Moonlight Color Spectrum: W_____% B_____%

Moonlight Off Time: _____:_____

Ramp Time:_____minutes (0 to 120 minutes duration)

NOTE: The sunrise and sunset begin at the ON and OFF time.
For example, if you choose 30 minutes ramp time and program the light to come ON at 09:00 AM, the light will reach the set brightness at 9:30 AM. If you program the OFF time at 8:00 PM, the light will be off at 8:30 PM.

Manual ON/OFF

If, at any time, you wish to turn your light on, simply press ⏻.
Press ⏻ again to cycle through modes. Press ✿ to resume the normal timing cycle.

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**.