

NICREW

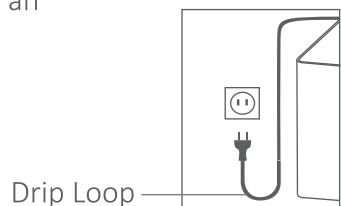
HyperReef LED Light
Quick Start Guide

Safety Instructions

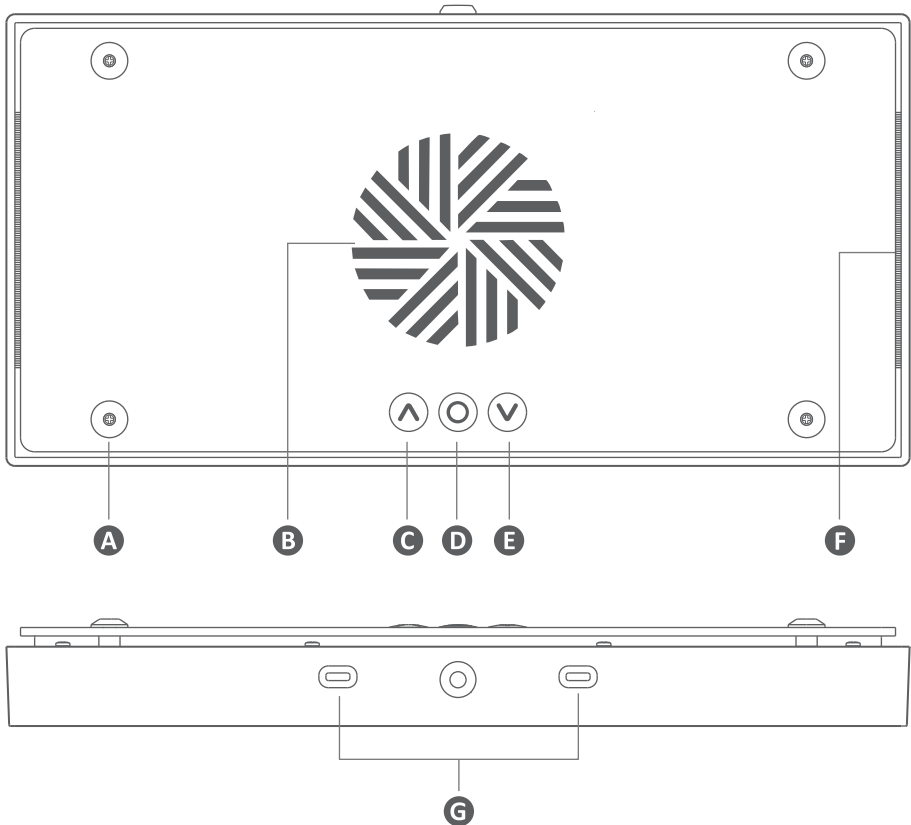
PLEASE READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

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

- **DO NOT** look directly at LEDs regardless of intensity.
- **DO NOT** power on or set a powered-on HyperReef directly on the surface. This may cause damage to the HyperReef and/or become a fire hazard.
- **DO NOT** expose the appliance to an extremely humid environment or immerse the appliance in water.
- **DO NOT** use outdoors. The HyperReef is intended for indoor use only.
- **DO NOT** use the appliance for other than intended use.
- **DO NOT** operate any appliance if it has a damaged cord or plug, if it is malfunctioning, or if it is dropped or damaged in any manner.
- **DO NOT** block or cover the Cooling Fan (Air Inlet) or Heat Sink (Air Outlet). This may cause the device to overheat and lead to failure.
- **DO NOT** cover or place objects on the power adapter. The power adapter should not be contained in an airtight space.
- Close supervision is necessary when an appliance is used by or near children.
- Always unplug the appliance from outlet and battery backup when not in use, before putting on or taking off parts, and before cleaning.
- Never yank cord to pull plug from outlet. Grasp the plug and pull to disconnect.
- A G.F.C.I (Ground fault circuit interrupter) & surge protector are recommended for all electrical appliances.
- Ensure the fixture mounted on a tank is securely installed before operating it.
- Position the aquarium stand and tank to one side of a wall-mounted receptacle to prevent water from dripping onto the receptacle or plug. A "drip loop" should be employed for each cord connecting an aquarium appliance to a receptacle.



Parts Diagram



A M5 Screw Holes
For HyperReef Mount System / Hanging Kit

B Cooling Fan
Air Inlet

C Increase Button
Increase relative light intensity

D Cycle Button
Turn on/off light & Cycle 7 preset color settings

E Decrease Button
Decrease relative light intensity

F Heat Sink
Air Outlet

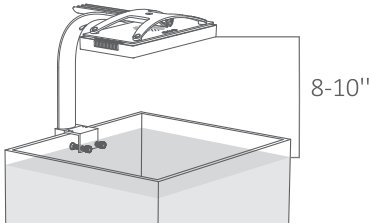
G USB-C Ports
For HyperReef Controller

*HyperReef 100/150 not pictured

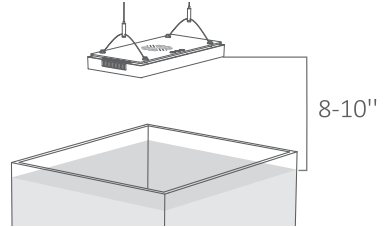
Getting Started

Step 1: Mounting

Recommend mounting HyperReef 8-10" above the water using your preferred mounting accessory.



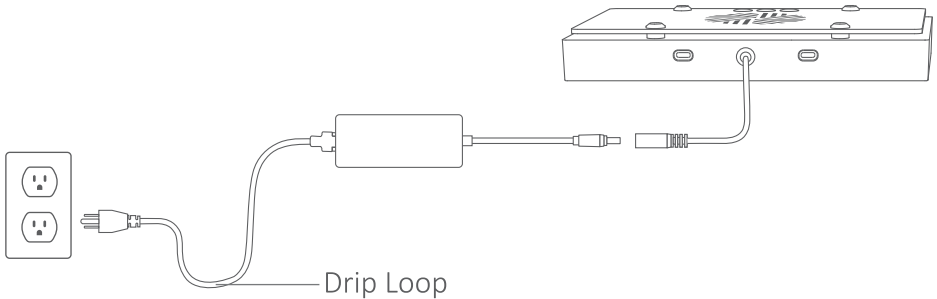
HyperReef Mount System



Hanging Kit (not included)

Step 2: Power

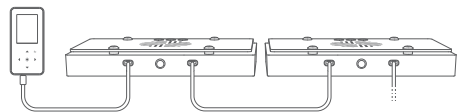
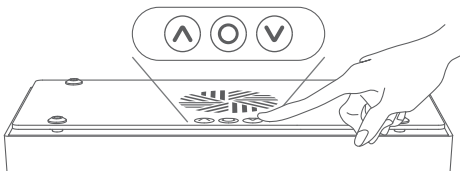
Assemble the power supply, attach HyperReef power cable, and plug it into an outlet.



NOTE: Place the power supply where it won't be exposed to water or moisture.

Step 3: Control










The HyperReef can be controlled either manually or with a HyperReef Controller.






*HyperReef Controller not included

Button Control

Your HyperReef comes ready to use in Button Control out of the box. In this mode, the HyperReef will operate continuously until you turn it off. Additionally, your current settings are preserved and will remain intact even after the device is powered down.

Action	Result
PRESS 	Turn On the HyperReef / Cycle through preset color settings.
HOLD 	Turn Off the HyperReef.
PRESS 	Increase light intensity by 5%.
PRESS 	Decrease light intensity by 5%.
HOLD 	Increase light intensity rapidly.
HOLD 	Decrease light intensity rapidly.
HOLD   	Factory Reset the HyperReef.

Indicator Light

LED Status	Meaning
 Solid Blue	Control buttons enabled.
 Solid Green	Control buttons disabled & HyperReef Controller connected.
 Blinking Red	Overheating warning. Thermal cool-down mode.

Maintenance

To ensure the ongoing optimal performance of the HyperReef, it is advised to ensure it is clean, dry and free of any buildup of salt deposits regularly. Before doing any maintenance, disconnect the unit, allow the lens to cool down, and allow it to dry completely before reconnecting.

- Maintain the Cooling Fan (Air Inlet) and Heat Sink (Air Outlet) free of dust by removing the top cover and gently wiping them with a damp cloth. Reassemble once dry.
- If the lens becomes contaminated with water, dust, or other particles, clean it with isopropyl alcohol.
- Keep silicone covers for USB-C ports plugged in when the ports are not in use. Keep the ports clean at all times.

Troubleshooting

Please make sure to perform maintenance before doing any troubleshooting.

Issue	Resolution
Light fails to turn on or flickers.	<ul style="list-style-type: none">• Check the power supply's constant indicator light to ensure proper functionality.• Ensure the power outlet is working properly.
Buttons are unresponsive.	<ul style="list-style-type: none">• Ensure the light is disconnected from HyperReef Controller.• Unplug the power cord from the outlet, wait 15 seconds then power back on.
Indicator light blinks red.	<ul style="list-style-type: none">• Ensure the fan is running.• Ensure the light has sufficient airflow/clearance.
Fan does not run.	<ul style="list-style-type: none">• Fan only activates when the temperature sensor detects 105°F/40°C or higher.

If you have followed the above troubleshooting steps and the issue persists, please reach out to us at support@nicrew.com for further assistance.

Limited Warranty

NICREW products carry a one-year limited warranty from the date of purchase. Nicrew's limited warranty is restricted to the country of purchase. The limited warranty is void on items taken outside the country they were originally bought in or shipped to directly from an authorized online purchase.

NICREW is not responsible for and makes no warranties as to the following: 1) product failures or damage due to normal wear and tear, exposure to excessive heat or moisture, corrosive chemicals or substances, improper installation, defects or conditions of the existing structure, misuse, abuse, modifications, and alterations; and 2) minor imperfections that do not affect the product's structural integrity or use.

To obtain warranty service or technical support, please reach out to us at support@nicrew.com. Please state the reason and provide an invoice or screenshot to confirm the order number.

Warranties on all replacements follow the same warranty timeframe of the original defective item, or 3 months after being replaced, whichever is longer. Warranties on products are void after having been fully refunded.

For more information, please visit www.nicrew.com/support/warranty.

FCC Compliance Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received including interference that may cause undesired operation.

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