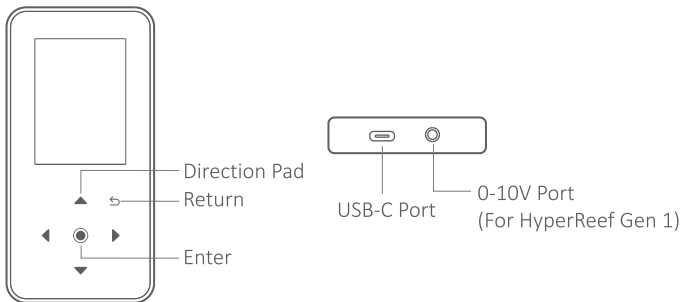# NICREW

HyperReef Controller
Instruction Manual

Safety Instructions

- **DO NOT** use non-compliant power supplies. This is a fire hazard and may cause unit malfunction.
- **DO NOT** use unit outdoors. It is designed for indoor use only.
- **DO NOT** expose unit to extreme humidity or immersing it in water.
- **DO NOT** install unit over open water.
- **ENSURE** that the back plate is properly mounted to a steady surface. Improper mounting may lead to detachment of the plate and controller.

Inside the Box

- 1 x HyperReef Controller Gen 2
- 1 x USB-C to USB-C Cable
- 2 x Nylon Anchors
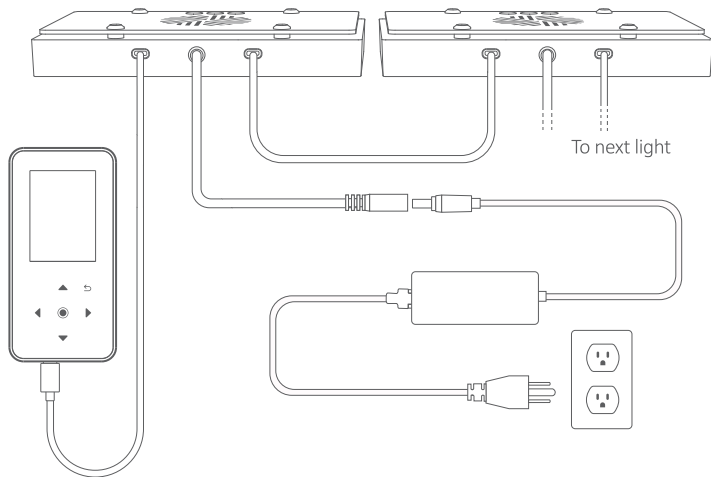- 1 x Magnetic Back Plate
- 2 x Screws

Navigation

Direction Pad
Return
Enter

USB-C Port
0-10V Port
(For HyperReef Gen 1)

Getting Started

Step 1: Power & Connection
- Insert the USB-C to USB-C cable into the port on both the controller and HyperReef Gen 2.
- Plug the HyperReef Gen 2 to the power supply and plug the AC cable of the power supply to a wall outlet.
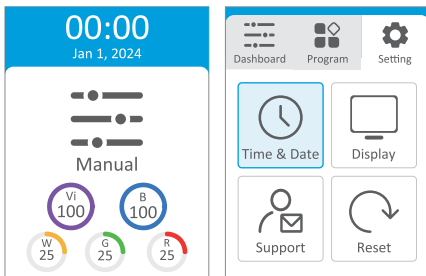

To next light

NOTE

For HyperReef Gen 1, use 3.5mm TRRS Audio Cables to connect lights (HyperReef 50/100/150) to the controller and to daisy-chain the lights together. (Cables not included)
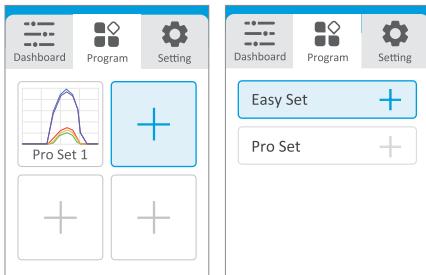
Step 2: Set Up
- Press ◉ to enter tab options.
- Use the Direction Pad to navigate to the **Setting** tab. Press ◉ to access the settings.
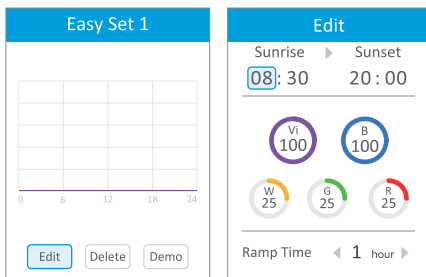- Press ⇦ to return to tab options.

Step 3: Program
- Use the Direction Pad to navigate to the **Program** tab. Press ◉ to access the programs.
- Use the Direction Pad to select a preset program or to create a new one. Press ◉ to enter.
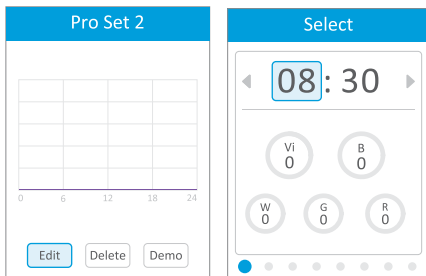- For a new program, press ▲▼ to switch between **Easy Set** and **Pro Set**.

Easy Set

Press ◀▶ for functional settings navigation. Press ▲▼ for value adjustment.

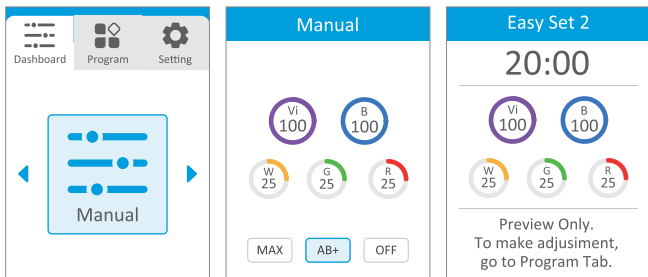| Easy Set 1	Edit
	Sunrise ▶ Sunset
	08 : 30 20 : 00
	Vi 100 B 100
	W 25 G 25 R 25
Edit Delete Demo	Ramp Time ◀ 1 hour ▶

Pro Set

• Press ◀▶ to select a time point. Press ◉ to access detailed settings.
• Press ◀▶ for functional settings navigation. Press ▲▼ for value adjustment.
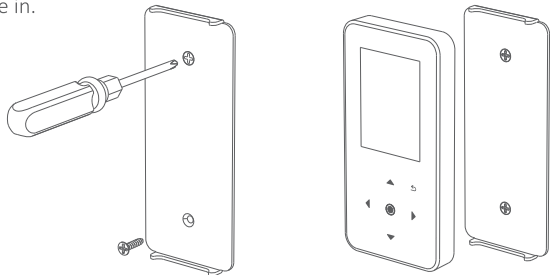• Press ↩ to escape and save the current time point settings.

Pro Set 2	Select
	◀ **08** : 30 ▶
	Vi 0 B 0
	W 0 G 0 R 0
Edit Delete Demo	

Step 4: Choose Mode

• Use the Direction Pad to navigate to the **Dashboard** tab.
• Press ◉ to access the dashboard, then press ◀▶ to choose a program.
• Press ◉ to set manual color details or to view the program's current intensities.

| Dashboard | Program | Setting |

Manual

◀ ▶

Manual

Vi 100   B 100

W 25   G 25   R 25

MAX   AB+   OFF

Easy Set 2

20:00

Vi 100   B 100

W 25   G 25   R 25

Preview Only.
To make adjusment,
go to Program Tab.

Step 5: Mounting

• Use provided screws to mount the magnetic back plate to a wooden surface.
• If mounting to drywall, pre-drill two 6mm holes and insert nylon anchors before screwing the plate in.

Troubleshooting

Issue	Resolution
Lights Turn On Outside the Set Time	• Make sure that the light brightness is set to 0 at both the first and last time points. • Make sure the current time set on the controller is accurate.
Controller Display Does Not Light Up	• Make sure that the unit receives power properly. • Connect the unit with a 5V/1A USB power adapter.

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 1-year limited warranty from the date of purchase.
This warranty is non-transferable and valid for the original purchaser only. 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.

Watch Controller
Instruction Video