140.00 mm

100.00 mm

CONTACT INFORMATION:
Brand owner: Feidele Trading Co., Ltd
Mail: support@seaouraofficial.com
Website: www.seaouraofficial.com
Please provide your order id and your shipping address

EU REP
Name: Sea&Mew Consulting GmbH Address: Mittenhuber Straße 4, 92318 Neumarkt
Contact Person: Yuan Li E-mail: Compliance.EU@outlook.com
Manufacturer: pingxiangshifeidelemaoyiyouxiangongsi
Address: lashizhenluqiancun,dengjiazu103hao,pingxiangshi,xiangdongqu,jiangxi
email: seadera@outlook.com
Product Name:Aquarium light/Aquarium Beleuchtung/éclairage Aquarium/Luce acquario/ Luz del acuario/Akvarielampa/Aquariumverlichting/Oświetlenie akwarium

- ▲ Attention to waterproof, electric shock, etc.
- ▲ Beachtung der Wasserdichtigkeit, des Schutzes vor elektrischen Schlägen usw.
- ▲ Attention à l'étanchéité, à la protection contre les chocs électriques, etc.
- ▲ Attenzione all' impermeabilità, alla protezione contro le scosse elettriche, ecc.
- ▲ Atención a la estanqueidad, protección contra descargas eléctricas, etc.
- ▲ Uppmärksamhet på vattentäthet, elektriska stötar etc.
- ▲ Aandacht voor waterdichtheid, elektrische schokken, enz.
- ▲ Uwaga na wodoodporność, porażenie prądem itp.

RECICLA Al Amarillo RECICLA Al Azul

MADE IN CHINA

EC REP
Name:Sea&Mew Consulting GmbH
Address:Mittenhuber Straße 4,92318 Neumarkt
Contact Person:Yuan Li
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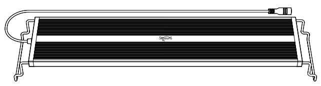
SR-620 User Manual

Seaoura programmable aquarium light



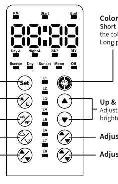
Email:support@seaouraofficial.com

Seaoura programmable aquarium LED light
Please read this manual carefully before using and follow the instructions carefully.

Controller

Time setting button
Short press:
Switch 12/24 hours time format.
Save and exit time settings.
Long press 3 sec: Preset the the time format and local time.

Color Setting Button:
Short press: Turn on or switch the color of the light.
Long press 3 sec: Turn off the light



Day/Night Button:
Short Press: Switch Day, Night Mode

24/7/DIY Button:
Short Press: Switch 24/7, DIY mode

Adjust white color brightness

Adjust green color brightness

Up & Down Button:
Adjust settings like 12/24 hours format, brightness, timer number, ON/OFF.

Adjust red color brightness

Adjust blue color brightness

PS: Restore Factory Settings: Press and hold SET + ▲ keys at the same time for more than 5 seconds, after the controller LCD displays "—",it will automatically restore to the factory parameters in 2 seconds.

Local Time Setting

To set the local time

1. Enter Setting Mode
While the clock is displaying normal time, press the (Set) button once, then immediately press and hold the same button for about 3 seconds until the display enters setting mode.
2. Adjust Hour
The hour digits will flash. Press the ▲ or ▼ button to set the hour.
3. Adjust Minute
Press the (Set) button briefly again; the minute digits will flash. Press the ▲ or ▼ button to set the minute.
4. Select Time Format
Press the button briefly again. The screen will show 12H (12-hour format) or 24H (24-hour format).
Press the ▲ or ▼ buttons to switch between the two options.
5. Save & Exit
After finishing all settings, press the (Set) button briefly once more to save and exit setting mode.

Day/Night Timer Seting Mode

How to Activate & Set Day Timer Mode

1. Enter Day Setting Mode
Briefly press the button. The Day indicator will light up and the display will show ON.
Then press and hold the button to enter Day mode settings.
2. Set Start Time – Hour
The hour digits and the Start indicator will flash. Press the ▲ or ▼ button to adjust the hour.
3. Set Start Time – Minute
Press the button again. The minute digits and the Start indicator will flash.
Press the ▲ or ▼ button to adjust the minutes.

4. Customize Day Display
Press the button again. The End indicator will flash. You can now customize the display:
Press the button to cycle through preset system colors.
Or use the buttons to manually adjust color and brightness to your preference.
5. Set End Time – Hour
The hour digits will flash automatically. Press the ▲or ▼ button to set the end hour.
6. Set End Time – Minute
Press the SET button again. The minute digits and the End indicator will flash.
Press the ▲or ▼ button to adjust the minutes.
7. Save & Exit
Press the button to save all settings and exit.

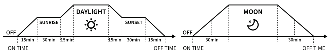
To activate the Night timer mode

1. Enter Night Setting Mode
Press the button twice briefly. The Night-L indicator will light up and the display will show ON.
Then, press and hold the button to enter Night-L mode settings.
2. Set Start Time – Hour
The hour digits and the top of the Start indicator will flash. Press the ▲or ▼ button to adjust the hour.
3. Set Start Time – Minute
Press the button again. The minute digits and the top of the Start indicator will flash.
Press the ▲or ▼ button to adjust the minutes.
4. Customize Night Display
Press the button again. The top of the End indicator will flash. Customize the display as follows:
Press the button to cycle through the system' s preset colors.
Alternatively, use the buttons to manually adjust the color and brightness to your preference.
5. Set End Time – Hour
Next, the hour digits will flash. Press the ▲or ▼ button to set the hour for the end of the Night mode period.

6. Set End Time – Minute
Press the button again. The minute digits and the top of the End indicator will flash.
Press the ▲ or ▼ button to adjust the minutes.
7. Save & Exit
Press the button one last time to save all settings and exit the mode.

Warm tip:
1.You can only use the Day-L timer mode or Moon timer mode. Just set the corresponding mode setting switch to ON/OFF.
2.Day-L mode lighting change : The brightness will gradually change to 50% brightness in 15 mins and stay 30 mins to the preset level and slowly down to 50% brightness at last 45 mins to stay 30 mins, then slowly down to close at last 15 mins. (Note: the cycle lighting can not be chosen in this modes.)
3.Night-L mode lighting change : The brightness will gradually change to the preset level 30 minutes after the stage starts and before the stage ends.(Note: the cycle lighting can not be chosen in this modes.)

The system comes with the following times and brightness by default:
Day-L：6:30-18:00 W:100% R:100% B:100% G:100% Night-L：18:00-22:00 W: 0% R: 0% B:100% G: 0%

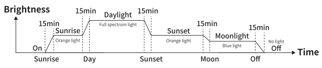


24/7 Mode Setup Instructions

1. Activate 24/7 Mode
Press the Button. Ensure the 24/7 Indicator is lit and the display reads ON.
If the clocks display reads OFF, press the ▲ or ▼ buttons to adjust it to ON.

2. Set【Sunrise】Start Time
Press and hold the Button until the hour digits begin flashing. Press ▲or ▼ to adjust the hour.
Briefly press Button to switch to minute adjustment (minutes flash). Press ▲or ▼ to adjust the minutes.
3. Customize【Sunrise】Display
Press the Button (The End Indicator at the top of the display will flash).
Choose Color & Brightness:
Press the button to cycle through and choose from the system's preset colors.
Alternatively, use the buttons to manually adjust the colors and brightness to your preference
4. Set "Sunrise" End Time
Press the Button. Repeat Steps 2.2 to 2.4 to set the hours and minutes for the End time.
5. Repeat for Subsequent Periods
Repeat Step 3 and Step 4 for each of the following periods, in this exact order: Day-Sunset-Moon-Off

The system comes with the following 5 preset times by default:
Sunrise: 8:00 AM - 9:30 AM W: 0% R:100% B: 0% G: 50%——DAY: 9:30 AM - 5:30 PM W:100% R:100% B:100% G:100%
Sunset: 5:30 PM - 7:30 PM W: 0% R:100% B: 0% G: 70%——Moon: 7:30 PM - 10:30 PM W: 0% R: 0% B:100% G: 0%
OFF: 10:30 PM - 7:59 AM W: 0% R: 0% B: 0% G: 0%



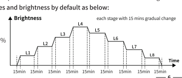
L1	L2	L3	L4	L5
Orange (Sunrise)	Full Spectrum (Daylight)	Orange (Sunset)	Blue (Moon)	OFF

8-Section DIY Timing Mode

This mode allows you to customize 8 sections of lighting with your preferred colors and timings.
DIY Mode Setup Instructions

1. Activate DIY Mode
Press the Button three times. Confirm the DIY Indicator is lit and the display reads ON or OFF.
Press ▲ or ▼ to toggle between ON and OFF.
When ON is displayed, press and hold the Button for 3 seconds to enter DIY mode.
2. Set L1 Start Time
L1 Indicator is lit. Start Indicator flashes. Hour digits flash. Press ▲ or ▼ to adjust the hour.
Press Button to switch to minute adjustment (minutes flash). Press ▲ or ▼ to adjust the minutes.
3. Customize L1 Display
Press Button (The End Indicator will flash).
Choose Color & Brightness:
Press the button to cycle through and choose from the system's preset colors.
Alternatively, use the buttons to manually adjust the colors and brightness to your preference
4. Set L1 End Time
Press Button, Repeat Step 2.2 to 2.4 to set the hours and minutes for the End time.
5. Repeat for Sections L2 to L8
Repeat Step 3 and Step 4 for each remaining section (L2 through L8).
Note: Each section's start time is automatically set to the previous section's end time. No need to set start times again.

The system comes with the following 8 preset times and brightness by default as below:
DIY1：6:00-8:00 W: 0% R:100% B:0% G:50%
DIY2：8:00-10:00 W: 30% R:30% B:30% G:30%
DIY3：10:00-12:00 W: 80% R:80% B:80% G:80%
DIY4：12:00-14:00 W: 100% R: 100% B:100% G: 100%
DIY5：14:00-16:00 W: 50% R: 50% B:50% G: 50%
DIY6：16:00-18:00 W: 5% R: 40% B:0% G: 30%
DIY7：18:00-22:00 W: 0% R: 0% B:100% G: 0%
DIY8：22:00-5:59 W: 0% R: 0% B:0% G: 0%



System Colors

The system offers 9 colors plus an RGB gradient cycle.
Full Spectrum, Red, Green, Blue, Purple, Orange, Cyan, Sea-Blue, Yellow, cycle

Features

1.)4 colors Buttons
Provides 4 colors single channel to adjust the colors brightness.
2.)10 brightness level adjustable
0%-10%-20%-30%-40%-50%-60%-70%-80%-90%-100%
3.)DIY 8-Section Customization
Allows for custom adjustments to both brightness and color across 8 time segments.
4.)24/7 Lighting in 5 Sections
Allows for custom adjustments to both brightness and color to 5 segments.
5.)DAY-L and Night-L Modes
Includes two preset modes, with scheduled lighting for day and night.
6.)9 Colors + RGB Gradient Cycle
Choose from 9 solid colors or enjoy a dynamic RGB gradient cycle.

PRODUCT PARAMETERS:

Model	SR-620-30CM	SR-620-45CM	SR-620-60CM	SR-620-75CM	SR-620-90CM	SR-620-120CM
Applicable tank size	12-18 INCH	18-24 INCH	24-30 INCH	30-36 INCH	36-42 INCH	48-54 INCH
Input Voltage	AC100-240					
Output Voltage	DC 20V					
Watt	20w	24w	36w	48w	68w	84w
Led Quantity	72PCS	108PCS	144PCS	180PCS	216PCS	252PCS
Rendering Index	92					

Factory Reset:
Press and hold both the (Set) button and the ▲ button for more than 5 seconds. Once the LCD displays "-—", it will automatically reset to factory settings after 5 seconds.
Warm tip:
1.when power outage, the built-in timing can be a bit confusing. It needs to be manually to long press the for 3 second to Calibrate the current time lighting. If not handled, the clock will automatically calibrate once every hour.
2. After a power outage and restoring power, the lights will be in a 10% full-spectrum mode.

Precautions:
1.Waterproof Measures: Ensure the plug and power cord are kept away from water to prevent moisture or water from entering, which could lead to electric shock or product damage.
2.Product Repairs: Do not disassemble or repair the product yourself. Unauthorized operations will void the warranty.
3.Contact Us: If you have any questions or issues during use, please feel free to contact us via the order email or the email address provided in this manual. We are here to assist you.
4.when power outage, the built-in timing can be a bit confusing. It needs to be manually to long press the ▲ for 3 second to Calibrate the current time lighting.
5.If you still have questions about the setup, you can directly contact the seller for assistance through your order. If you would like installation videos, you can also inquire about them through the email provided in this manual or simply search "SEAOURA" on YouTube.

Important notes

√ Please read the manual carefully before use and follow all instructions.
√ Keep the switch away from water as it is not waterproof.
√ Place the lamp in a location away from flammable materials.
√ If the lamp is not functioning properly, unplug it and contact the seller. Disassembling the lamp will void the warranty.
√ Always unplug the power cord before performing any maintenance.
√ Please note that the temperature range of the lamp is 23-140°F. If you feel the lamp body is warm to the touch, it is normal, and there is no need to worry. Our power source is safety-certified.

Packaging includes

● 1x LED light ● 1x AC/DC power adapte ● 2x metal bracket ● 1x user manual

△ Warning: To avoid possible electric shock, do not immerse the switch in water. If the switch falls into water or becomes wet for any reason, do not touch the switch until unplugging it. Basic safety precautions should be followed as outlined below:

Carefully read and follow the user manual

Danger: To avoid the risk of electric shock, exercise caution. Do not attempt to repair the light yourself for the following situations; return the light to an authorized service center for repair or disposal.

A. After installation, carefully inspect the light. If there is any water on the power supply or controller, it should not be plugged in.

B. Do not operate the light if the wires or plug of the light are damaged, malfunctioning, dropped, or damaged in any way. The power cord of this light is not replaceable; if the power cord is damaged, the light should be discarded.

C. To prevent moisture from reaching the light head, position the aquarium stand and tank on one side of the wall-mounted socket to prevent water droplets from falling onto the socket or light head. The "drip loop" illustrated in the diagram below should be arranged by the user for each wire connecting the light to the socket. The drip loop is the part of the power cord that hangs below the level of the socket or connector. If using an extension cord, take precautions to prevent water from flowing along the extension cord and coming into contact with the socket. If the plug or socket is wet, do not unplug the power cord. Turn off the breaker or remove the fuse supplying power to the light, and then unplug the power cord to check for water in the socket.

1.Close supervision is necessary when the light is used in the vicinity of children.
2.To avoid injury, do not touch moving or hot parts.
3.Ensure secure installation of the light fixture before operation.
4.Read and comply with all important notices on the light.
5.If an extension cord is required, use an appropriately rated extension cord. Power cords with a current rating lower than the equipment's rated value may overheat. Arrange cords carefully to prevent tripping or pulling.
6.This light is for household use only.
7.Keep this user manual for future reference.

Warranty

1: 1-year free warranty.(usage problem not warranty) **2:** 1-month free return. **3:** Free replacement for 3 months.

Disposal

Do not dispose of this product as unsorted municipal waste. This product must be disposed of separately from household waste and should be taken to authorized electrical and electronic equipment recycling facilities. By collecting and recycling waste, you can help conserve natural resources and ensure the environmentally friendly disposal of the product.

Thank you for choosing SEAOURA.

Frequently Asked Questions

1.Q: Is the light waterproof?
A: Yes, the light body is made of aluminum alloy and is waterproof, but the DC cable connector and plug are not waterproof. Please place the dc cable connector outside the water tank.
2.Q: Do I need to reset the local time every time I disconnected the power cable or power outage?
A: Yes
3.Q: Why does the light did not work?
A: Please check whether the wall plug is powered on normally and whether the DC power cord is connected. If it is powered on normally but still cannot work properly, please contact our after-sales email: support@seaouraofficial.com
4.Q: Why does the aquarium light only light up red or flickering?
A: It may be due to insufficient voltage. Please use the original 20V power supply. If the flashing still occurs after using the included 20V power supply, please contact our after-sales email: support@seaouraofficial.com
5.Q: The lamp body temperature is a bit high, is this normal?
A: Since we use high-brightness LED chips, it is normal that the heat generated is a little bit higher than that of low-brightness LED chips.
6.Q: Why is there some water vapor on the transparent lampshade of the aquarium light?
A: Please don't worry, because the temperature inside the lamp is relatively high, some water vapor may evaporate on the lampshade. The light body is waterproof, so it will not affect the normal function of the aquarium light.
7.Q: Why this light still working after i close it with handle?
A: If you use any timer or cycle modes with this light, then it will be remember this modes and second days will be auto working again, if you want to operation every day, then you need to set the lights modes are "off ", then you can set the lights with handle.(that means you need to quit all the modes)

After-sales email: support@seaouraofficial.com

FCC Caution

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.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

RF warning for portable device:
The device has been evaluated to meet general RF exposure requirements.
The device can be used in portable exposure conditions without restriction.

Thank you for using our product!