AQUATOP 1 YEAR LIMITED WARRANTY

Products are guaranteed by AQUATOP® Aquatic Supplies to the original purchase against defective material and workmanship under normal use for a period of 1 year from the date of the original purchase through an Authorized Aquatop Reseller.

Products have no warranty if:
1.) The product has been serviced, modified or tampered with by anyone other thanAQUATOP Aquatic Supplies,
2.) The product has been abused or damaged (including broken or cracked bulbs), and/ or
3.) The product has been transported without proper packaging,
4.) The product was purchased from an Unauthorized Reseller.

Note: All sales from Amazon and Ebay (regardless of seller) do not qualify for any warranty coverage. Please see www.aquatop.com for more information.

AQUATOP EXCLUSIVE 1 + 2 EXTENDED BRICK & MORTAR STORE WARRANTY

The additional 2 Year Extended Warranty applies when you buy this product from a Brick and Mortar Store and REGISTER online with Aquatop.
Register your Extended Warranty at www.aquatop.com

Note: Extended warranty is available for qualifying products. See www.aquatop.com for a list of qualifying products.

1.0. Terms and Conditions of Guarantee.
1.1. Aquatop warrants to the purchaser, for 3 years from date of original purchase through an Authorized Aquatop Reseller, to repair or replace goods where fault is found due to defective materials or faulty workmanship and where goods do not operate in accordance with the instructions.
1.2. All claims for repair or replacement must be made at place of purchase.
1.3. The original and dated Proof of Purchase (receipt) must be supplied with all goods claims. Please also provide this Guarantee where possible.
1.4. All goods subject to claim under Guarantee should be prepared for transportation in the original packaging or other comparable packaging which offers the same degree of protection.
1.5. Where goods are repaired or replaced under Guarantee, these goods are Guaranteed for the remainder of either the original Guarantee or Extended Guarantee period.
1.6. Where claims on inspection reveal goods are in normal working order, Aquatop will request reimbursement of all reasonable costs incurred.

WARRANTY LIABILITY DISCLAIMER

In no event will Aquatop® be liable for any consequential or incidental damages, including but not limited to, lost sea life, personal injury, property damage, equipment damage, lost profits, lost wages, lost savings, lost income, etc., arising out of the use of any Aquatop products.

For more information on tank health and maintenance
as well as other products carried by Aquatop,
visit our website: www.aquatop.com

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V1 /2021

AQUATOP

Skyaqua PRO LED Aquarium Light System Manual V1/2021

AQUATOP®
PROFESSIONAL

SKYAQUA PRO

LED AQUARIUM LIGHT SYSTEMS

OWNER'S MANUAL

SKYAQUA PRO LED WITH REMOTE

Thank you for choosing Aquatop's SkyAqua Pro series LED Light. The SkyAqua Pro raises the bar for aquarium keepers by combining style and technology. Each specially engineered lighting system mimics the shimmer of natural sunlight, produces minimal heat, offers a fanless design for pin drop silence & provides superior illumination for your plants and aquatic organisms. The adjustable wire leg mounts permit the SkyAqua Pro Series to fit virtually any aquarium from 12 to 54 inches. The SkyAqua Pro is fully programmable with the inline controller and the IR Remote Control.
Please reference this manual for any questions and directions for use. May Aquatop's SkyAqua Pro LED Series of aquarium lights serve you, your plants, and your aquatic creatures well.

IMPORTANT SAFETY INSTRUCTIONS

Note: Never put the unit inside the aquarium or immerse in water. It is your sole responsibility to verify that the plug and the receptacle are clean and free of moisture and salt build up at all times. The receptacle must be free of water, salt, calcium, magnesium and dust. Failure to do so can cause fire, damage to property, and permanent damage to the product and personal injury not limited to loss of life.

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.
- If the fixture falls into the water, do not reach for it. Unplug it first, and then retrieve it. If the electrical components of the appliance get wet, unplug the appliance immediately.
- A G.F.C.I (Ground Fault Circuit Interrupter) and surge protector is recommended for all electrical appliances. Contact a licensed Electrician to install a G.F.C.I, if you do not have one.
- The operating voltage must be compatible with the transformer voltage requirements.
- Close supervision is necessary when any electrical appliance is used near or by children.
- Ensure the fixture is securely installed before supplying power to the unit.
- Do not look directly into the LEDs as doing so could damage your eyes.
- Plug the transformer into an acceptable G.F.C.I. protected outlet. Make certain to incorporate a "drip loop" to prevent water droplets from running down the cord and into the outlet, should any water get onto the cord.

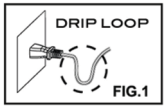


FIG.1

PRODUCT SPECIFICATIONS

MODEL	Total LED Qty	White LED	RGB LED	12 LUX	PAR	RA	White LED Colo Temp	Input Power
SAQP-1218	48	36	12	4000	80	>85	6500K	12W
SAQP-1824	64	48	16	4500	80	>85	6500K	18W
SAQP-2430	80	60	20	4500	95	>85	6500K	21W
SAQP-3036	108	80	28	4500	95	>85	6500K	28W
SAQP-3642	128	96	32	5000	100	>85	6500K	33W
SAQP-4854	160	120	40	5000	100	>85	6500K	41W

COLOR TEMPERATURE	WHITE 6500K
PAR	>50 AT 12"
WAVE LENGTH	RED:660NM BLUE:460NM

Note: NEW! 660 nanometer Deep RED LED's added for enhanced live plant growth plus it also enhances the appearance of fish

TROUBLESHOOTING THE IR REMOTE

1. Remove protective battery plastic from remote.
2. Check the remote's IR sensor.

NOTE: Camera phones or digital cameras with infrared filtering cannot be used to check sensor functionality. Some Smart Phones use infrared filtering. Try using the front-facing camera, if you find your phone uses infrared filtering.

To see these lights perform the following:

a) Point the camera at the remote sensor so that it is visible in the LCD display of the camera.
b) Adjust the camera angle and position until you see pulses of light in the camera's LCD display when pressing the IR remote's buttons.
c) If the lights are visible, the IR remote is working. If not, the remote will need to be replaced.

Contact Aquatop at www.aquatop.com for more information.

Set the Current Time

- Ensure IR Remote controller is in 24/7 mode by pressing the 24/7 button, controller will display the current time.
- Set current time by pressing the clock icon button. Press H/+ and M/- to adjust to the current time. Press to save the settings.

Set the Lighting Phases

Each lighting phase is composed of a start time and 4 colors (white, red, green, and blue).

1. To program Lighting Phase 1, press P1 and the LCD display will show "P1" briefly and flash a time. Press H/+ and M/- to set hours and minutes. This is when you want Phase 1 to begin.
2. Press the display will flash "1 00" which is the default setting. The first digit is the channel number you are setting (1=White, 2=Red, 3=Green, 4=Blue). Press H/+ and M/- to increase or decrease the brightness of the White LEDs.
3. Press again, the display will flash "2 00". Press H/+ and M/- to increase or decrease the brightness of the Red LEDs.
4. Repeat step 3 for setting the brightness of the Green and Blue LEDs.
5. Press to save and exit P1 setting.
6. Repeat steps 1 to 5 to program P2, P3, P4, and P5, setting.

Set the Ramp Time

Press RAMP to adjust ramp time, press H/+ and M/- to choose from the following modes:

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

Press to save and exit ramp time setting.

NOTE:

- When the LCD displays the start time of a lighting phase, press Power on the remote to disable the corresponding lighting phase. Press Power again to resume the program.
- In timer mode, if you set the ramp time for 15 minutes, at the scheduled on time, the light will slowly ramp up from 0% to 100% in 15 minutes, simulating a gradual sunrise. At the off time, the LED will slowly dim down from 100% to 0% brightness over 15 minutes, simulating a sunset.
- When using your wireless remote, point the remote directly at the IR sensor located on the inline controller. It is imperative to have a direct line of sight between the IR remote and the

(Fig. 2)

Adjustable wire leg mount installation (See Fig. 2)

- Adjust the mounting legs to match the length of the aquarium.
- Plug the Power Supply into an approved G.F.C.I. outlet.
- Power on the fixture by pointing the remote directly at the IR Sensor and pressing the power button on the remote, or by pressing the power button on the wired inline controller.

Warning: Please refer to the original manufacturer's owner's manual for your equipment before performing any modifications. Aquatop is not responsible for any damage incurred through installation. It is the user's sole responsibility to reference & adhere to the manufacturer's guidelines regarding the use of their products.

Note: Aquatop recommends the use of an aquarium lid when using an aquarium light. Aquatop recommends the use of a drip loop.

*See warnings and safeguards for additional information.

INFRARED REMOTE GUIDE

Power	Turn on/off the fixture.
MAX	Bring all LEDs to their brightest setting.
Clock	Press to set the current time of day.
24/7	Press to turn light back to timer mode.
RAMP	Press to choose ramp time.
H/+	Press to set hours or increase the brightness/intensity.
M/-	Press to set minutes or decrease the brightness/intensity.
	Press to save settings or move to next step.
DEMO	Press to demonstrate an accelerated 24 hour photoperiod cycle.

PRESET MODES:

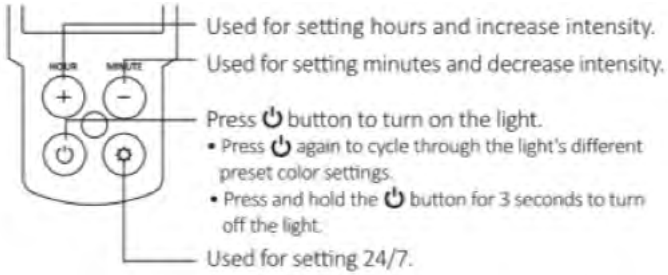
Press corresponding buttons to engage Cloudy, Thunder, Sunny, or Moon mode.
Memory:
Memory function permits the storage of up to four preferred color combinations in slots M1, M2, M3, and M4.

Setting:

- Choose a pre-programmed color by pressing W, R, B, or G.
- Use the UP/DOWN color arrows to adjust white, red, green, and blue as desired. Each press of a corresponding arrow increases/decreases output by 10%.
- Hold down the M1, M2, M3, or M4 button until the light blinks.
- Custom color is now saved in that memory location.

24/7 Timer Mode Overview
The LED Light Controller features up to 5 lighting phases in addition to the gradual ramp-up and dim-down. You can use 2 lighting phases to create a light schedule with a simple daily ON/OFF time, or use 5 lighting phases to program your light with a daily Sunrise, Daylight, Sunset, and Moonlight.

PROGRAMMING USING THE CONTROLLER KEYPAD



Programming

- On the inline controller press the Power button to turn on the light.
- Press and hold the Settings button for 3 seconds to enter the current time setting.
- Press HOUR + and MINUTE – to set the current hour and minutes.
- Press the Settings button to program Lighting Phase 1.
- Continue pressing the Settings button to program P2 through P5.
- When finished setting P1 through P5, press the Settings button again to set Ramp Time.
- Press HOUR + and MINUTE – to select the Ramp Time.
- Press Settings to save and exit 24/7 setting mode.

NOTE:

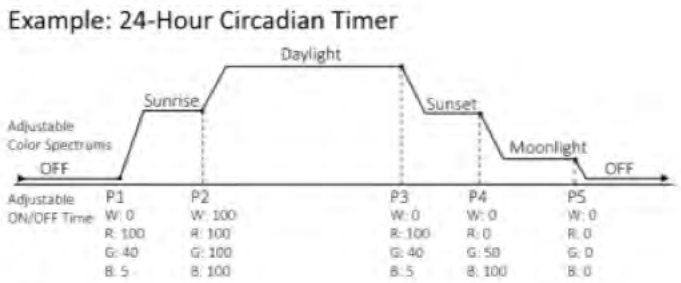
- When the LCD displays the start time of a lighting phase, press Power on the inline controller to disable the corresponding lighting phase. Press Power again to resume the program.
- If no buttons are pressed within 5 seconds, the timer will exit setup and return to the home screen.
- If at any time you wish to turn the lights on, simply press the Power button on the inline controller. Long press the Power button to turn them off. Press the Settings button to resume the 24/7 mode.

Reset to Factory Settings
Press the lower 2 buttons (Power and Settings) on the inline controller simultaneously for 3 seconds to reset the timer. This will reset the unit to its factory default settings.

IR REMOTE CONTROL (CONT')

NOTE:

- When the LCD displays the start time of a lighting phase, press Power on the remote to disable the corresponding lighting phase. Press Power again to resume the program.
- In timer mode, if you set the ramp time for 15 minutes, at the scheduled on time, the light will slowly ramp up from 0% to 100% in 15 minutes, simulating a gradual sunrise. At the off time, the LED will slowly dim down from 100% to 0% brightness over 15 minutes, simulating a sunset.
- When using your wireless remote, point the remote directly at the IR sensor located on the inline controller. It is imperative to have a direct line of sight between the IR remote and the inline controller.



Default Setting

Lighting Phase	"START" Time	W	R	G	B	Description
P1	07:00	0	100	40	5	Sunrise
P2	08:00	100	100	100	100	Daylight
P3	17:00	0	100	40	5	Sunset
P4	18:00	0	0	50	100	Moonlight
P5	22:00	0	0	0	0	OFF

Programming Using the Wireless IR Remote

First Time Setup

Before using your light for the first time, press the lower 2 buttons (Power and Settings) on the inline controller simultaneously for 3 seconds to reset the timer. This will reset the unit to its factory default settings.