Petnanny

HG-957 USER MANUAL

HYGGER AQUARIUM EXTENDABLE LED LIGHT
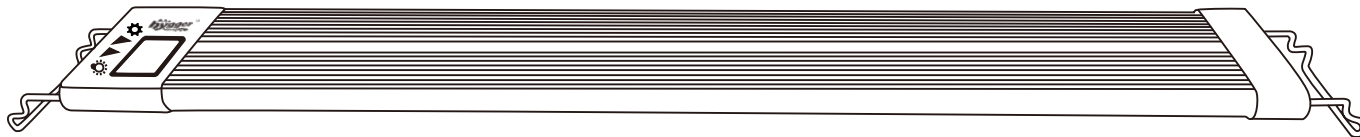
E-mail:Mago@hygger-online.com

The Hygger Aquarium Extendable LED light is an amazing way to illuminate your aquariums. Drawing on years of expertise, we are a pioneer in the industry of full-spectrum lighting. It's easy to use and program. This light is perfect for a beginner to set up their first tank or a seasoned veteran looking to upgrade! Please read this manual carefully before using and follow in strict accordance with the manual.

1.PRODUCT FEATURES

Easily Programmable with built-in LCD monitor: LCD monitor has two channels that allow for independent control that simulates sunrise and sunset.

Ultra-bright: Strong LEDS provide incredible brightness for a better viewing experience.

Adjustable light color and brightness: Hygger LED light brightness has ten levels of brightness and seven different colors, making it suitable for different light requirements and a wide variety of applications.

Adjustable timer: Light On/Off is adjustable using the integrated LCD Display

Non-flash LEDS: The high-quality LEDS provide stable, consistent lighting.

Energy-Efficient: High color rendering index and lighting effects save energy and using a DC adapter to provide safer and more efficient power.

Extendable bracket: Extendable bracket allows the light to fit a wide range of aquariums.

Memory function: In case of power loss, the lighting program is saved.

Suitable for planted and freshwater aquariums: This LED light provides full spectrum necessary for keeping and growing healthy aquatic plants.

2.PRODUCT PARAMETER

MODEL	HG-957 20w	HG-957 26w	HG-957 36w	HG-957 48w	HG-957 60w	HG-957 72w
LIGHT SIZE(NOT INCLUDING BRACKET)	30×10×2.2cm	45×10×2.2cm	60×10×2.2cm	75×10×2.2cm	90×10×2.2cm	120×10×2.2cm
APPLICATION	12~18inch	18~24inch	24~30inch	30~36inch	36~42inch	48~55inch
INPUT VOTAGE	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V
OUTPUT VOTAGE	DC15V	DC15V	DC20V	DC20V	DC20V	DC20V
LED QUANTITY	40PCS White 20pcs Blue 4pcs Red 4pcs Green 2pcs RGB 10pcs	68PCS White 38pcs Blue 10pcs Red 6pcs Green 4pcs RGB 10pcs	112PCS White 64pcs Blue 10pcs Red 6pcs Green 4pcs RGB 28pcs	144PCS White 79pcs Blue 14pcs Red 8pcs Green 7pcs RGB 36pcs	178PCS White 99pcs Blue 17pcs Red 9pcs Green 8pcs RGB 45pcs	248PCS White 140pcs Blue 23pcs Red 12pcs Green 11pcs RGB 62pcs
RENDERING INDEX	89	89	89	89	89	89
LUMENS	927	1290	1984	2365	2879	3346
COLOR TEMP	6500-10000K	6500-10000K	6500-10000K	6500-10000K	6500-10000K	6500-10000K
POWER CORD	4.9ft	4.9ft	8.8ft	8.8ft	8.8ft	8.8ft

3.IMPORTANT SAFETY INSTRUCTIONS

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

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

①. Read and follow all important notices on the appliance before using. Failure to do so may result in loss of fish life or damage to this appliance.

②. Danger-To avoid possible electric shock, special care should be taken, since water is a constant in the use of aquarium equipment. For each of the following situations, do not attempt repairs yourself. Return the appliance to an authorized service facility for service or discard the appliance.

A: Carefully examine the appliance after installation. Do not operate any appliance if it has a damaged cord or plug, or if it is malfunctioning or it is dropped or damaged in any manner. The power cord of this appliance cannot be replaced. If the cord is damaged, the appliance should be discarded. Never cut the cord!

B: To avoid the possibility of an electrical hazard, aquariums should be placed to one side of a wall mounted outlet to prevent water from dripping onto the outlet or plug. A "drip loop" (see illustration) should be arranged by the user for the cord connecting light to a power outlet. The drip loop is the part of the cord below the level of the outlet, or the connector if an extension cord is used, to prevent water travelling along the cord and coming in contact with the power outlet. If the plug or outlet does get wet, do not unplug the cord. Disconnect the fuse or circuit breaker that supplies power to the light. Then, unplug and examine for presence of water in outlet.

③. This appliance is not intended for use by persons (including children) with significantly impaired physical or mental capabilities, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety. Children should always be supervised to ensure that they do not play with the appliance.

④. To avoid injury, do not touch moving or hot parts.

⑤. CAUTION-Always unplug or disconnect all appliances in the aquarium from power supply before placing hands in water, before putting on or taking off parts, and while the equipment is being installed, maintained or handled. Never yank the cord to pull plug from the outlet. Grasp the plug and pull firmly to disconnect. Always unplug the light from an outlet when not in use.
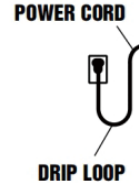
⑥. Do not install or store the appliance where it will be exposed to weather or temperatures below freezing. For indoor household use only. Do not iimmerse.

⑦. Make sure the appliance is mounted correctly and securely positioned on the aquarium before operating.

⑧. If an extension cord is necessary, a cord with proper rating should be used. A cord rated for less amperes or watts than the appliance rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled. The connection should be carried out by a qualified electrical installer.
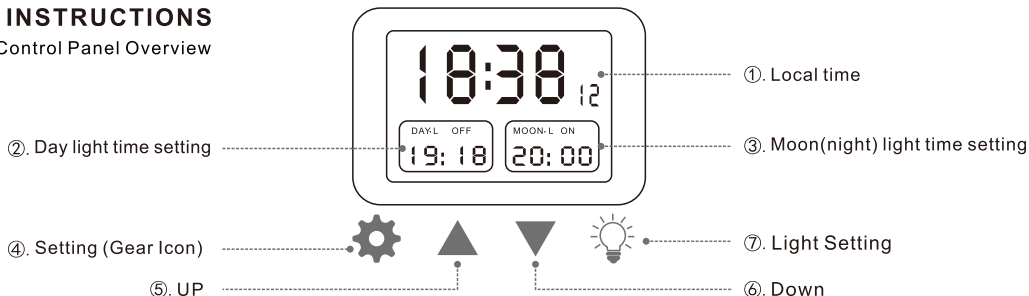
⑨. The outlet should be installed near the equipment and be easily accessible.

⑩. This light can be mounted on any aquarium with glass thickness more than 3mm. The mounting legs help prevent the light from slipping into the aquarium by accident during maintenance. To avoid possible electrical shock, do not immerse the light in water. If the light falls into the water, or otherwise becomes wet, do not touch it until you have unplugged it.

POWER CORD

DRIP LOOP

4. INSTRUCTIONS

• Control Panel Overview

①. Local time

②. Day light time setting

③. Moon(night) light time setting

④. Setting (Gear Icon)

⑦. Light Setting

⑤. UP

⑥. Down

This light comes with two modes, Standard mode and DIY mode. (You can also use the light in complete manual mode).

1.STANDARD MODE

Let's start with the Standard mode.
The Standard mode will run on a preset timer as soon as you set your local time. The preset time will run the Daylight time from 06:30 till 18:30, (6:30AM to 6:30PM),the color of light is full spectrum . And Moonlight from 18:00 till 23:30 (6:30PM till 11:30PM),the color of light is blue. Just plug it in, set your local time and you're good to go!

Local time setting:

PICTURE	PROCEDURE
	Long press the ⚙ icon "24H" will begin flashing. The "24H" flash in the screen.Press the ▲ / ▼ button to select either a 12H or 24H time display, press ⚙ icon to save it.

PM 8:45 03 DAY-L ON 9:30 MOON-L OFF PM 10:30 ⚙ ▲ ▼ 💡	The screen will now flash the hour number. To set it, press the arrow ▲ / ▼ icon, that will set the local time. Press the ⚙ icon to save. The minute number will now flash. Press the arrow ▲ / ▼ icon to set the minute. Press the ⚙ icon to save.
Note: **PM 8:45** 03 DAY-L ON 9:30 MOON-L OFF PM 10:30 ⚙ ▲ ▼ 💡	It will display "PM" on the screen when you choose "12H" time.

The light varies in accordance with the curve designed as below.

LOOP 24 HOUR TIMER PROGRAM

In the day

In the night
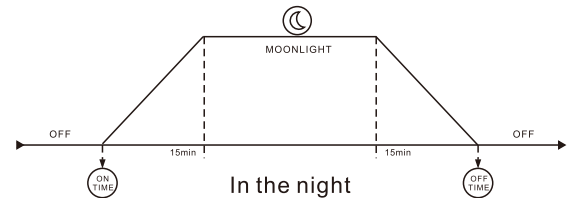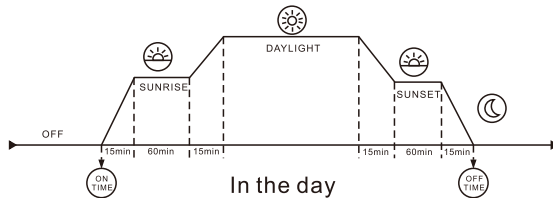
You can also modify the Standard timer and adjust the start and end of the standard daylight/moonlight time, to your desired schedule. To do so, follow the next steps.

Modify the Standard Mode timer

PICTURE	PROCEDURE
	Edit daylight time • Press the ⚙ icon ones, the "DAY-L" will begin flashing. • Long press the ⚙ icon again to enter into edit mode. "DAY-L ON" will begin flashing. • Press the ⚙ icon again. The hour digits will now flash. Press the arrow ▲ / ▼ button to select your desired hour to start the day cycle. • Press the ⚙ icon to save, and the minutes will flash. Select the arrow ▲ / ▼ button to select the minute to start the day cycle. • Press the ⚙ icon to save the daylight start time. • The hour digits will now flash for the daylight OFF time, the screen will read "DAY-L OFF". • The same time to set your desired off time, press the ⚙ icon to save.
Tip: 1.DAY-L ON means the time of light turn on in the daytime, DAY-L OFF means the time of light turn off in the daytime. 2.When the time of DAY-L ON and the time of DAY-L OFF is the same, the screen display DAY-L OFF 3.In the state of DAY-L ON flashing, press the arrow ▲ / ▼ button to choose OFF also can display DAY-L OFF DAY-L OFF means close the daytime setting.	
	Edit moonlight time To modify the moonlight ON and OFF time of the Standard timer, follow the next steps. • Press the ⚙ icon twice, the "MOON-L" will start flashing. • Long press the ⚙ icon again to enter into edit mode. "MOON-L ON" will begin flashing. • Press the ⚙ icon again. The hour digits will now flash. Press the arrow ▲ / ▼ button to select your desired time to start the night cycle. • Press the ⚙ icon to save and the minutes will flash. Select the arrow ▲ / ▼ button to select your desired time to start the night cycle. • Press the ⚙ icon to save the moonlight start time. • The hour digits will now flash for the moonlight OFF time, the screen will read "MOON-L OFF". • The same time to set your desired off time, press the ⚙ icon to save.

	Edit moonlight color
`18:49` DAY-L OFF `19:18` ON `20:00` ⚙ ▲ ▼ 💡	• Press 💡 icon to choose the color except full spectrum and loop colour . • Revise moonlight time according to the method of "Edit moonlight time". Then the moonlight color will change to the color you choose in night. Note: If you choose the full spectrum, it will show blue color in night.

Tip: 1.MOON-L ON means the time of light turn on in the night, MOON-L OFF means the light of LED turn off in the night.

2.When the time of MOON-L ON and the time of MOON-L OFF is the same, the screen display MOON-L OFF.

3.In the state of MOON-L ON flashing, press ▲ / ▼ button to choose OFF also can display MOON-L OFF.

4. MOON-L OFF means close the nighttime setting.

5.During each cycle, the display will display when the current cycle will end, and when the next cycle is to begin. For example: during the daytime cycle, the DAY-L box will display when it goes off, and the MOON-L box will display when it goes on. During the nighttime cycle, the MOON-L box will display when it goes off, and the DAY-L box will then display when it goes on.

2.MANUEL MODE

You can also operate the light in manual mode, to do so, you will need to turn off the Standard mode.

Manuel mode setting

`16:46` DAY-L `OFF` MOON-L `OFF` ⚙ ▲ ▼ 💡	• Press the ⚙ icon ones, the "DAY-L" will begin flashing. • Long press the ⚙ icon again to enter into edit mode. "DAY-L ON" will begin flashing. • Press the arrow ▲ / ▼ to turn DAY-L OFF. Display will read "DAY-L OFF" • Press the ⚙ icon to save.Now turn off the Moonlight setting • Press the ⚙ icon twice, the "MOON-L" will start flashing. • Long press the ⚙ icon again to enter into edit mode. "MOON-L ON" will begin flashing. • Press the arrow ▲ / ▼ to turn MOON-L OFF. Display will read "MOON-L OFF" • Press the ⚙ icon to save.

You're all done, the light will now operate in manual mode. To turn the light ON, press the 💡 icon. Long press the 💡 icon to turn OFF. (see Color temperature and intensity options in 'General Tips' section below).

3.DIY MODE

There are 2 steps to set the DIY mode.

First step is to enable the DIY mode.

Second step is to set it to your liking.

Let's start with **STEP ONE:**	
8:45 03 DAY-L ON 9:30 MOON-L OFF PM 10:30 ⚙ ▲ ▼ 💡	• To enable DIY mode, press the ⚙ icon with the 💡 icon simultaneously until the display will read 'OFF'
ON DAY-L 8:00 OFF 20:00 ⚙ ▲ ▼ 💡	• Press the arrow ▲ /▼ button, the display will read 'ON'. • Then press the ⚙ icon again to save it. You are done with step one.
The system will go right away into **STEP TWO**, to set the timer. There are 8 separate light stages you can set from L1 to L8, every stage allows you to set the light intensity, a start time and an end time. Let's start	
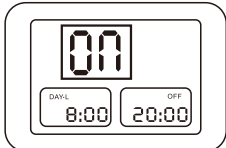
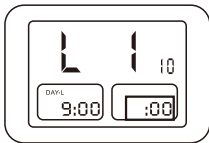|	
	• As soon as you set DIY mode to ON, the display will read 'L1' and the number to the right will flash "10". Press the arrow buttons ▲ /▼ to set your desired brightness for stage. When done press the ⚙ icon to save.
	• The left time box will now flash the hour number. To set it, press the arrow ▲ /▼ **,** that will set the start time. Press the ⚙ icon to save. • The minute number will now flash. Press the arrow ▲ / ▼ to set the minute. Press the ⚙ icon to save.
	• The right time box will now flash the hour number. To set it, press the arrow ▲ / ▼ to set the end time for stage Press the ⚙ icon to save. • Then the minute number will flash. Press the arrow ▲ /▼ to set the end time. Press the ⚙ icon to save. You have now set stage 1 (L1), the system will go into stage 2 (L2) automatically. • The display will read 'L2' and the number to the right will flash "10". Press the arrow ▲ /▼ to set your desired brightness for stage 2. When done press the ⚙ icon to save. (Note: The left time box will read the end time of stage (no need to set anything on the left time box.) • The right time box will flash the hour number. To set it press the arrow ▲ / ▼ to set the end time for stage 2. Press the ⚙ icon to save. • Then the minute number will flash. Press the arrow ▲ /▼ to set the end time. Press the ⚙ icon to save. • Repeat for all stages till stage L8. Note: 1.The color of light between L1-L6 is full spectrum, blue color L7,L8. 2.To turn light OFF, set brightness to "00". You're done! DIY mode is now in action!

General Tips:
In any mode if you want to turn the light off, long press the ⚫ icon until the light goes off.
When the light is off, press the ⚫ icon to turn the light back on.

To change light intensity
You can temporarily change the light intensity when in any mode, to do so:

• Press the ⚫ icon to select a specific color.
• Press the arrow ▲ / ▼ to change the intensity for the specific color, you can choose 10 levels of brightness from 10 to 100.
However, the custom intensity will not remain saved in the Standard and DIY mode. The intensity will revert back to the preset setting once the light turns off. It will be saved though in the manual mode even if the lights are turned off.

Adjusting color temperature
You can temporarily change the color temperature when in any mode, to do so:

• Double tap the ⚫ icon, all lights will turn on.

• Press the ⚫ icon and the RGB colors will cycle through.
• Choose the color you wish to display, there are 6 colors to choose from.
the custom color temperature will not remain saved in any mode. The color temperature will revert back to the preset setting once the light turns off.

Restore factory defaults
• Press the ▲ icon with the ▼ icon simultaneously until the display will read 'SOP' then unplug the socket.
• Plug it in, reset your local time and the light will now operate in factory defaults.

5. INSTALLATION AND USAGE:

Please verify that all components of the light fixture are undamaged before putting it into operation. Before any kind of maintenance, always disconnect electrical supply of the light fixture.
A. Make sure the light fixture is mounted correctly and securely positioned on the aquarium before operating.

B. Always ensure that the brackets are on the outside of the aquarium frame. If needed, the extendable mounting brackets can be adjusted accordingly to ensure proper fit on your aquarium.

C. For maximum LED performance, it is recommended that the fixture be cleaned on a weekly basis. Unplug transformer and remove from aquarium prior to cleaning the light fixture. Use both hands when holding or moving this light fixture. Wipe exposed surfaces with a damp cloth to remove any dust or mineral deposits that may collect over time. Do not use detergents or harsh cleaners as it can damage the light fixture!

D. Troubleshooting:
If light cannot be turned on while the timer LCD display is flashing, it is possible that the adapter is damaged. Please contact us to get a new adapter.

6. PACKAGE INCLUDED:

1x Led Light
1x AC-DC adaptor
2x Metal brackets
1x User manual

7. WARRANTY:

1. 1-year limited warranty.
2. 1-month free returns.
3. Free replacement for 3 months.

8. DISPOSAL

Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. This product must not be disposed together with the domestic waste. This product has to be disposed at an authorized place for recycling of electrical and electronic appliances. By collecting and recycling waste, you help save natural resources, and help ensure the product is disposed of in an environmentally friendly way.

9. Contact information:

Website: www.petnannystore.com
E-mail: Support@petnannystore.com

Thank you for choosing Hygger, making aquarium keeping easier one product at a time.

If you have any problems or suggestions for the Aquarium Extendable LED Light, please contact us by email before leaving feedback or opening a case, as it will be the fastest way to solve your problem. If you are satisfied with our product, please leave positive feedback in order to let more customers enjoy it. Thanks again!

Website: www.petnannystore.com
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