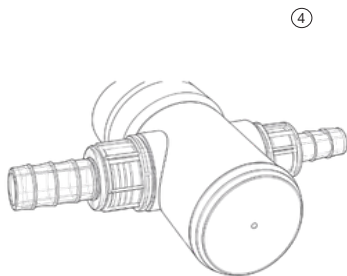
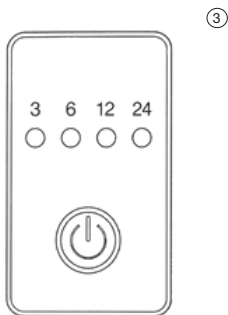
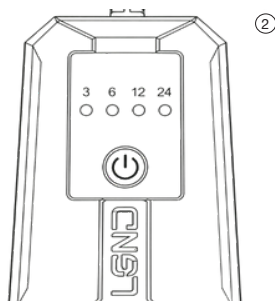
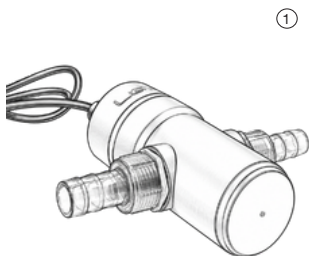




ECLIPSE

Mini Intelligent UV-C Lamp

INSTRUCTION MANUAL



① Sterilising Lamp Unit

② Timer Button

③ Timer

④ Interchangeable hose tails
13 mm, 16 mm and 19 mm
hoses

Programmable Mini Intelligent UV-C Sterilising Lamp

Mini Intelligent UV-C Lamp

Eclipse Inline UV-C Lamp

Eclipse Sterilising Lamp

The Eclipse Inline UV-C Steriliser sterilising lamp has been tested and inspected to ensure safe and reliable performance. To prevent unnecessary injury or damage caused by improper operation or maintenance, please read and understand these instructions carefully before use. Keep this manual for future reference.

Product Features

- Adjustable Health and High-Efficiency operating modes
- Four daily timer settings: 3, 6, 12 or 24 hours
- UV wavelength designed for aquarium sterilisation and algae control
- Helps reduce free-floating microorganisms and control suspended algae
- Purifies the water and inhibits algae growth
- Made with high-grade quartz glass for more effective sterilisation
- Compact, detachable design
- UV-resistant housing durable, splash-resistant construction
- New Mini Intelligent UV-C Lamp Design

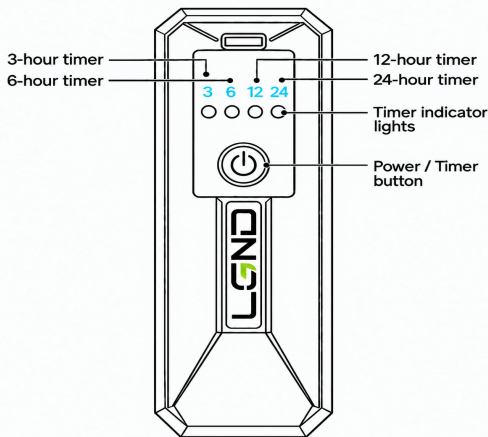
Model NO.	Voltage	Power Consumption (W)	Tank Volume
3W-U1S	220-240 V~ 50/60 Hz	3W	≤200 L
5W-U2S	220-240 V~ 50/60 Hz	5W	200-500 L

New Mini Intelligent UV-C Lamp Design

The integrated silicone waterproof end cap provides multiple seals around the lamp tube, offering excellent waterproof performance while allowing easy assembly and disassembly.

Compared with conventional rigid-plastic end caps, the new silicone waterproof end cap is more resistant to ultraviolet radiation. Its flexible material is also less likely to become damaged if knocked or impacted.

Rigid-plastic end caps can crack after prolonged exposure to ultraviolet radiation. This not only affects their appearance but can also compromise safety and make the product unsuitable for continued use.



Operating Instructions

Power / Timer Button:

Press the Power / Timer button repeatedly to select the desired operating mode:

ON → 3H → 6H → 12H → 24H → OFF

The indicator light below the selected duration illuminates. The operating cycle begins immediately after the mode is selected.

Timer Modes:

- ON: The UV-C lamp operates continuously without an automatic timer.
- 3H: The UV-C lamp operates for 3 hours.
- 6H: The UV-C lamp operates for 6 hours.
- 12H: The UV-C lamp operates for 12 hours.
- 24H: The UV-C lamp operates continuously.
- OFF: The UV-C lamp and timer are switched off.

Automatic Daily Cycle:

In 3H, 6H or 12H mode, the UV-C lamp operates for the selected number of hours and then switches off automatically.

The same operating cycle repeats every 24 hours, beginning at the time at which the timer mode was originally selected.

For example, if 3H mode is selected at 12:00, the UV-C lamp operates until 15:00. It then switches off automatically and restarts at 12:00 the following day.

Memory Function:

The timer stores the selected operating mode.

Following a temporary interruption to the power supply, the UV-C lamp resumes operation using the previously selected mode when power is restored.

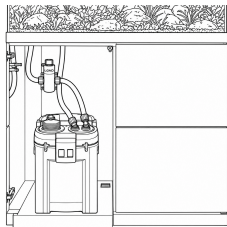
The starting time of the automatic cycle may shift according to the duration of the power interruption.

Installation and Use

(Fig. A) Aquarium Installation

Mount the UV-C steriliser vertically on a clean, flat wall inside the aquarium cabinet using the supplied brackets. Connect it inline to the canister filter return hose, ensuring that all connections are secure and the hoses remain free from kinks.

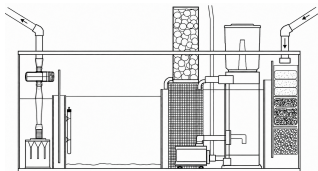
Do not submerge the unit. Check all connections for leaks before operation.



Installation Inside the Aquarium Cabinet

(Fig. B) External Installation Above a Sump

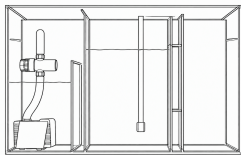
Install the UV-C steriliser horizontally above the water level in the return-pump compartment. Connect it inline between the return pump and the aquarium return pipe, ensuring secure, kink-free connections. Do not submerge the unit.



Return Pump

The UV-C steriliser must be installed in the return-pump compartment and connected inline to the return pipe.

(Fig. C) Rear Sump
Filter Installation



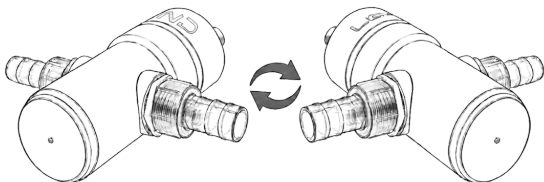
The UV-C steriliser must be installed horizontally above the water level in the rear sump compartment behind the aquarium.



High-Efficiency Mode



Health Mode



General user instructions

Information on using the operating manual



- Before using the appliance for the first time, the operating manual must be read fully and understood.
- Consider the operating manual as part of the product and keep in a safe and accessible location.
- Enclose this operating manual if passing the appliance on to a third party.

Symbol explanation

The following symbols are used on the appliance.



The symbol indicates imminent danger from UVC radiation that can result in injury to skin and eyes.



Do not look directly at the UV-C lamp. Direct exposure to UV-C radiation is prohibited.



Store the appliance in a frost-proof place.



The appliance is certified according to the relevant national regulations and directives, and conforms to EU standards.

The following symbols and signal words are used in this operating manual.



DANGER!

Risk of serious personal injury or death from a general source of danger.



DANGER! Electric shock!

Danger of electric shock with the risk of serious personal injury or death.



DANGER! Mercury poisoning!

The symbol indicates imminent danger that can result in a health hazard.



WARNING!

Danger of serious personal injury or health hazard.



WARNING! UV radiation!

The symbol indicates imminent danger from UV radiation that can result in injury to skin and eyes.



CAUTION!

Note on the risk of material damage



Note with useful information and tips.

Fig. A Reference to an illustration



Note with useful information and tips.

Application

The appliance and all parts included in the scope of delivery are intended for private use and must only be used:

- to disinfect aquarium water
- in compliance with the technical data

The following limitations apply to the appliance:



- Only operate the LGND Eclipse Inline UV-C as part of a correctly installed freshwater aquarium, sump or enclosed filtration system.
- Never operate the UV-C lamp outside its fully closed protective housing.
- Do not use the unit for commercial or industrial applications.
- Do not circulate caustic, corrosive, flammable or explosive substances, seawater or drinking water through the unit.
- Do not use the unit in swimming pools or swimming ponds.
- The water temperature must not exceed 35°C.
- Never operate the unit without continuous water flow or when the housing is empty.
- Switch off and disconnect the UV-C unit from the mains before stopping the circulation pump.

Safety

Risks for persons and property can arise from this appliance if the appliance is improperly used or not used as intended or if the safety instructions are not heeded.

For your safety

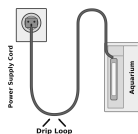


- Keep all packaging materials and small parts out of the reach of children and persons unfamiliar with their safe handling.
- Packaging materials may present a risk of suffocation. Keep them away from pets and other animals.
- This appliance is not intended for use by persons, including children, with reduced physical, sensory or mental capabilities, or by persons lacking experience and knowledge, unless they have been given supervision or instruction concerning the safe use of the appliance by a person responsible for their safety.
- Children must be supervised to ensure that they do not play with the appliance.
- For European markets only:
- This appliance may be used by children aged 8 years and above and by persons with reduced physical, sensory or mental capabilities, or lacking experience and knowledge, provided that they have been given supervision or instruction concerning the safe use of the appliance and understand the hazards involved.
- Children must not play with the appliance. Cleaning and user maintenance must not be carried out by children without supervision.
- Before each use, visually inspect the appliance, particularly the mains cable and plug, for signs of damage.
- Do not use the appliance if the unit, mains cable, plug or any other component is damaged.

- Do not use the appliance if it is not working properly or is damaged.
- Do not pull or carry the appliance at the mains cable. Pull on the plug and not on the cable or appliance in order to disconnect from the power supply.
- Protect the mains cable against heat, oil and sharp edges.
- The mains cable of the appliance cannot be replaced. If the mains cable is damaged, the appliance must be scrapped.
- Only carry out the work described in these instructions.
- Never make technical modifications to the appliance.
- Only use original spare parts and accessories for the appliance.
- Repairs must only be carried out by an LGND service centre.
- Do not expose the appliance to temperatures below +4°C or over +35°C
- Avoid placing in direct sunlight.



- The electrical installations must comply with the international and national erection specifications.
- The appliance must be protected by a residual current protection appliance with a maximum rated residual current of 30 mA.
- Immediately disconnect the appliance from the power supply if the residual current protection device trips.
- Unless it is being used, disconnect the appliance before you install or remove any parts and before all cleaning and maintenance work on the power supply.
- Protect the mains socket and mains plug against moisture and wetness. A drip loop must be formed with the mains cable. This prevents any water running to the mains socket, which would result in a short-circuit.
- The electrical data of the appliance must match the data of the power mains.
- This data is found on the type plate, the packaging and in these instructions.
- Only connect the appliance to a correctly installed protective contact mains socket.
- Extension cables and power distributors must be suitable for use (protected against splashing water).



- Never operate the UVC lamp outside the appliance. Unintended use of the appliance or damage to the housing may result in the emission of dangerous UVC radiation. UVC radiation can cause injury to eyes and skin, even at low dosage levels.
- Never look into the UVC lamp's light.



- The tubes in the UVC lamp contain toxic mercury. If mercury vapours are inhaled, there is a risk of poisoning. Therefore exercise caution when using the UVC lamp and do not damage it. Never look into the UVC lamp's light.

Commissioning

Use

The LGND Eclipse Inline UV-C may be installed externally as part of an aquarium or sump filtration system, as shown in Figures A, B and C.

Setting up the UVC lamp



DANGER! UVC lamp contains mercury!

- Handle the UVC lamp with care.
- DANGER OF BREAKAGE!** Do not touch the glass element directly with your fingers. Instead, always use a soft cloth or similar item.



WARNING! UV radiation!

- Only operate the LGND Eclipse Inline UV-C when it is installed externally and correctly connected to an aquarium or sump filtration system, as shown in Figures A, B and C.
 - Never submerge the unit.
 - Never operate the UV-C lamp outside its fully closed protective housing. Direct UV-C exposure may cause serious injury to the eyes and skin and may harm people and animals.

The **LGND Eclipse Inline UV-C** can be installed externally as part of an aquarium or sump filtration system, as shown in **Figures A, B and C**. For effective water treatment, install the LGND Eclipse Inline UV-C externally in the return line of an aquarium filter or sump system.

Proceed as follows:

- Select a clean, dry and stable mounting surface outside the aquarium or sump.
- Secure the unit vertically or horizontally using the supplied mounting brackets.
- Connect the unit inline between the filter or return pump and the aquarium return pipe.
- Ensure that all connections are secure and that the hoses are not kinked or restricted.
- Start the circulation pump, allow the housing to fill completely with water and check for leaks before switching on the UV-C unit.

Installing the LGND Eclipse Inline UV-C Externally Above the Sump Water Level (Fig. B)

For effective water treatment, install the LGND Eclipse Inline UV-C externally above the sump water level and connect it to the return line. Proceed as follows:

1. Select a clean, dry and stable mounting surface above the maximum sump water level.
2. Secure the unit horizontally using the supplied mounting brackets.
3. Connect the unit inline between the return pump and the aquarium return pipe.
4. Ensure that all connections are secure and that the hoses are not kinked or restricted.
5. Start the return pump, allow the housing to fill completely with water and check for leaks before switching on the UV-C unit.

Installing the LGND Eclipse Inline UV-C Horizontally Above the Water Level in a Rear Sump Compartment (Fig. C)

For effective water treatment, install the LGND Eclipse Inline UV-C horizontally above the water level in a dry section of the rear sump compartment. Connect it inline to the return line and ensure continuous water flow through the unit.

Proceed as follows:

1. Select a clean, dry and stable mounting surface above the maximum water level.
2. Secure the LGND Eclipse Inline UV-C horizontally using the supplied mounting brackets.
3. Connect the unit inline between the return pump and the aquarium return pipe.
4. Secure both hose connections using the supplied hose clamps and ensure that the hoses are not kinked or restricted.
5. Start the circulation pump and allow the steriliser housing to fill completely with water.
6. Check all connections carefully for leaks before switching on the UV-C unit.

Operation

Switching on the LGND Eclipse Inline UV-C

-  **DANGER! Electric shock!**
- Ensure that the controller, mains plug and all electrical connections remain outside the aquarium or sump and completely dry.
 - Never connect or disconnect the appliance with wet hands.

-  **CAUTION! Material damage.**
- The LGND Eclipse Inline UV-C is designed for external installation only. Never operate the unit while fully or partially submerged.
 - The steriliser housing must be completely filled with water and continuous water flow must be established before switching on the unit. The water flowing through the housing cools the UV-C lamp.
 - Secure the LGND Eclipse Inline UV-C in the selected external position using the supplied mounting brackets.
 - Connect the inlet and outlet hoses, ensuring that all connections are secure and the hoses are not kinked.
 - Start the circulation pump and allow the steriliser housing to fill completely with water. Check all connections for leaks.
 - Insert the mains plug into the socket. The power indicator illuminates.
 - Press the Power button to start the UV-C lamp. Ensure that continuous water flow is maintained during operation.

Switching off the LGND Eclipse Inline UV-C.

-  1. Press the Power button to stop the UV-C lamp.
2. Remove the mains plug from the socket.

Important: Always switch off and unplug the LGND Eclipse Inline UV-C before switching off the water circulation and disconnecting the unit from the filtration system

Maintenance

-  **DANGER! Electric shock!**
- All appliances must be disconnected from the power supply before any maintenance work is carried out.

-  **DANGER! Mercury hazard!**
- Handle the UVC lamp with care.
 - DANGER OF BREAKAGE! Do not touch the glass element directly with your fingers. Instead, always use a soft cloth or similar item.

-  **WARNING! UV radiation!**
- Never operate the UV-C lamp outside the appliance. Improper use of the appliance or damage to its housing may result in the release of hazardous UV-C radiation. UV-C radiation can cause injury to the eyes and skin, even at low exposure levels.

-  **CAUTION! Material damage.**
- Do not use hard objects or aggressive cleaning agents for cleaning.

Clearing faults

-  **DANGER! Electric shock!**
- Before clearing faults, remove the mains plug.

Fault	Possible cause	Remedy
UVC lamp does not illuminate	No mains voltage	► Check the mains voltage ► Check the supply line
	Mains plug is not inserted	► Insert the mains plug in the mains socket
	UVC lamp is defective	► Replace the UVC lamp
Water is not clear Quartz glass sleeve is dirty		► Clean the glass bulb
	UVC lamp no longer works	► Replace the UVC lamp
	Mains plug is not inserted	► Insert the mains plug in the mains socket

For other faults, please contact LGND Service.

Decommissioning

Storing and overwintering



1. Clean the appliance
2. Store the appliance in a frost-proof place.

Disposal



When disposing of the appliance, pay attention to the relevant statutory regulations.

Information on the disposal of electrical and electronic appliances in the European Union: Within the European Union, disposal of electrically operated appliances is governed by national regulations that are based on the EU Directive 2012/19/EU on waste electrical and electronic equipment (WEEE). The appliance may no longer be disposed of with the municipal or household waste. The appliance will be accepted free of charge at municipal collection points or recycling centres. The product packaging is made up of recyclable materials. Dispose of them in an environmentally responsible manner and take them for recycling.

Guarantee

The LGND Eclipse Inline UV-C is covered by a two-year limited guarantee from the date of delivery to the original purchaser.

This guarantee covers defects in materials and workmanship arising during normal use in accordance with the operating instructions.

It also covers premature failure of the original UV-C lamp, controller and other electrical components.

The UV-C lamp is replaceable. Before replacement, switch off and disconnect the unit from the mains, stop the circulation pump, close any isolation valves and drain the steriliser housing. Replace the lamp strictly in accordance with the instructions in this manual.

Use only a compatible UV-C lamp of the correct type and power rating.

If a covered defect occurs during the guarantee period, we will repair or replace the defective component or complete unit, at our discretion, free of charge.

This guarantee does not cover:

- Normal wear and tear;
- The normal reduction in UV-C output over time;
- Replacement of the UV-C lamp after the end of its normal service life;
- Accidental damage;
- Damage caused by improper installation, operation or maintenance;
- Operation without continuous water flow or while the steriliser housing is not completely filled with water;
- Operation while the unit is fully or partially submerged;
- Restricted water flow caused by kinked hoses or blocked inlet or outlet connections;
- Damage caused by limescale, dirt or inadequate cleaning;
- Damage caused by incorrect removal, installation or replacement of the UV-C lamp;
- Damage to the quartz glass sleeve or other components during lamp replacement;
- Unauthorised modifications or repairs;
- Use of an incompatible replacement lamp;
- Use with an unsuitable power supply;
- Water damage to the controller, mains plug or electrical connections.
- To make a guarantee claim, contact the retailer from whom the product was purchased and provide proof of purchase, the product model and a description of the fault. The product may need to be returned for inspection. Where the claim is valid, reasonable return costs will be covered.
- This commercial guarantee is provided in addition to, and does not affect, your statutory rights under applicable consumer law.

ECLIPSE INLINE UV-C UV LAMP REPLACEMENT DIAGRAM



SAFE
UV Protection



RELIABLE
High Performance



EFFICIENT
Clear Water

3W/5W
UV LAMP POWER

1 POSITION THE UNIT



Position the unit vertically.

2 UNSCREW TOP CAP



Unscrew the top cap (clockwise).

4 REMOVE TOP CAP



Gently pull the UV lamp straight out of the socket.

5 REMOVE UV LAMP



Gently pull the UV lamp straight out of the glass quartz sleeve.

6 REMOVE UV LAMP FROM CAP



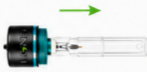
Carefully pull the UV lamp out of the socket.

7 INSERT NEW UV LAMP INTO CAP



Insert the new UV lamp into the socket.

8 INSERT UV LAMP INTO SLEEVE



Insert the UV lamp fully into the glass sleeve.

9 INSERT GLASS QUARTZ SLEEVE INTO PLACE



Insert the Glass Quartz Sleeve fully into place.

10 REATTACH TOP CAP



Push the top cap back onto the unit securely.

11 SECURE TOP CAP



Screw the top cap (counter-clockwise) until fully secure.

12 UV LAMP REPLACEMENT COMPLETE



UV lamp replacement is complete.



IMPORTANT SAFETY NOTES

- Always disconnect power before performing any maintenance.
- Never look directly at the UV light.
- Avoid direct skin or eye exposure to UV light.
- Handle the glass UV lamp with care. It may break.
- Replace any damaged UV lamp immediately.



RECOMMENDED MAINTENANCE

Replace the UV lamp every 6-12 months for optimal performance.
Clean the glass sleeve regularly to maintain UV efficiency.

COMPATIBLE PARTS



UV Lamp 3W / 5W



Glass Quartz Sleeve

Date of Purchase

Model NO.	Serial NO.	Watt	Signature



Contact: LGND Service Centre
01293 510787 (Weekdays 10:30–17:30)
E-mail: support@lgndadn.co.uk

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