

# Automatic Fishfeeder

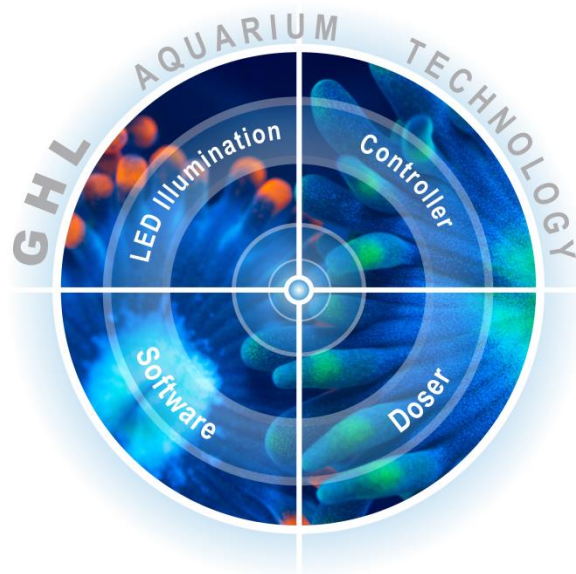
## Manual



as of 2024-07-14

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- ✓ Maximum Quality
- ✓ Maximum Performance
- ✓ Maximum Safety

FOCUSSED ON SUCCESSFUL FISHKEEPING

## Congratulations on your Purchase

Thank you for allowing us to support you on your journey to successful aquatics!

With the *GHL Automatic Fish Feeder*, you've chosen professional equipment that, in combination with your ProfiLux Computer, will assist you in daily monitoring and care. We are confident that our product will make your hobby more effective and safer, and we hope you continue to enjoy your aquarium, terrarium, or pond.

In this spirit:

## *Enjoy Your Passion!*

Your GHL Team.

# 1 Safety Instructions

Please read these instructions carefully before operating the *GHL Automatic Fish Feeder*.

GHL products are built with maximum security and safety in mind. However, product safety for this device can only be guaranteed if you follow these guidelines.

Anyone who uses this device must become familiar with the following safety instructions and the operation of the device.

Failure to follow these instructions will invalidate any warranty claims to follow.

Be sure to also observe the safety instructions in the ProfiLux manual and the respective manuals of other equipment manufacturers.

In this manual, the following symbols are used:



## **TIP**

General note, tip or advice.



## **WARNING**

Important note for operation, to avoid damage to the equipment, and for your safety.



## **DANGER**

Warning that non-compliance can result in injury or damage to the device.

## 1.1 Safety of Children and Vulnerable Persons



## **WARNING**

This equipment must not be used:

- By small children and vulnerable persons with limited physical, sensory or mental capabilities.
- By people who are unfamiliar with the functions of this product.

## 1.2 Intended Use

The *Automatic Fish Feeder* is intended exclusively for use in the domestic area. The *Automatic Fish Feeder* may only be operated with GHL accessories.

Make sure to place the device away from splashing water, moisture, or other liquids.



### WARNING

Moisture indicators are placed inside the unit and will change color when exposed to excessive moisture.

Removing these indicators will void all warranty claims.



### DANGER

- Make sure that the power cord is plugged into a grounded outlet; otherwise, you could get an electric shock or cause a fire.
- Protect the cables from damage (For example, twisting, kinking, clamping). Please also pay attention to the joints and connections to the device.
- Disconnect the plugs by pulling the plug, not the cable.
- Never attempt to disassemble, repair or alter the equipment by yourself.
- Do not insert sharp objects into the electrical contacts and ports.



### DANGER

- If the unit falls into the aquarium or has been exposed to moisture or humidity, first turn off the power to the device via the fuse or circuit breaker.
- Never touch the plugs with wet hands.
- If the device has gone wet or dirty, thoroughly dry or clean it with a dry cloth.



### DANGER

- The device may not be operated if it has been damaged in any way (e.g. damaged power cord or plug, liquids or objects have gotten into the interior, device has been exposed to excessive moisture, the normal operation is disturbed, or the device has been dropped.)

For your own safety, please look at the hazard prevention and safety instructions in the chapters that follow.

## 2 General

### 2.1 About this Manual

These instructions apply to the *GHL Automatic Fish Feeder*.

### 2.2 Features

Key Features:

- Flexible Container Use: Can be used with or without the included extra-large container.
- Quiet operation: Virtually inaudible operation of the food drawer.
- Dry Food Storage: Utilizes a “drawer” principle to keep food dry.
- Versatile Installation: Includes a universal bracket for horizontal or vertical setup.
- Customizable Feedings: Adjustable feeding amounts with different tray sizes and programmable cycles.
- Convenient Manual Feeding: Features a manual feed button.
- Status Monitoring: Multi-color light indicates readiness, low food levels, and feeding active.
- Additional Safety: Equipped with an extra IR light barrier to detect low food levels.
- Easy operation: No batteries or extra power supply required.

The available features depend on the given control unit:

	<b>ProfiLux 4(e)</b>	<b>ProfiLux Mini/Light WiFi</b>
<b>Max. feeder supported</b>	4	1
<b>Food level calculation</b>	yes	yes
<b>Additional low food level detection with IR light barrier</b>	yes, via app and indicator on device	yes, via indicator on feeder only
<b>Required accessories</b>	none	ProfiLux Mini/Light- Adapter

## 2.3 Scope of Delivery

Please check that the delivery is complete. The following items are included in the scope of delivery:

- Fish Feeder device
- 4 different-sized feed trays for the feed drawer (middle insert is in the drawer ex works)
- 1 large feed container
- Connection cable to ProfiLux Mini WiFi and/or feeder connection cable (cable with 2x 3.5 mm jacks), 1.5 m long
- Connection cable to ProfiLux 4(e) (cable with 4-pin western plug and 3.5 mm jack), 2 m long
- Universal bracket with clamping screw for vertical and horizontal mounting on the aquarium edge

Please check that all components are present and in perfect condition. In the event of a damage, please contact the dealer from whom you purchased the *GHL Automatic Fish Feeder* immediately.



### **WARNING**

Damaged *GHL Automatic Fish Feeders* or components may not be put into operation under any circumstances.

## 2.4 Important Operating Instructions

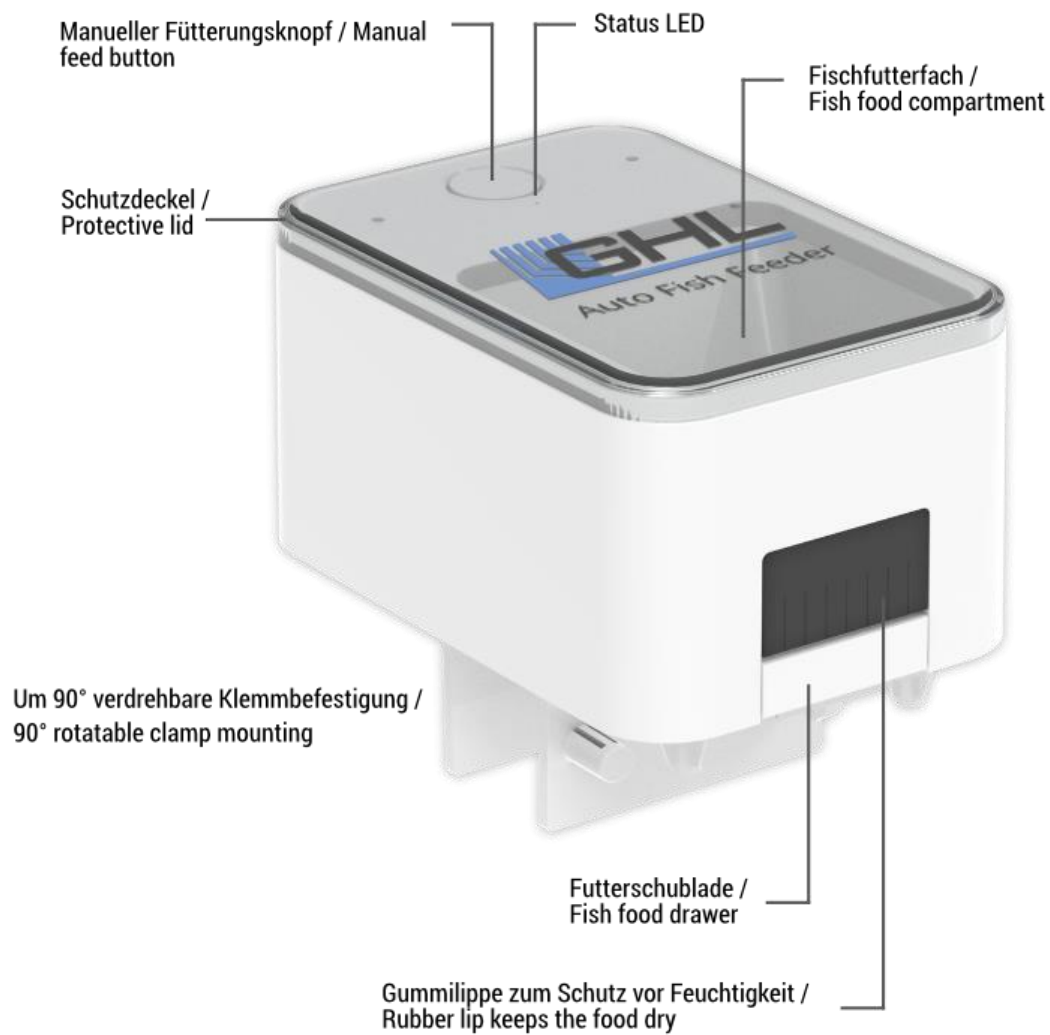


### **WARNING**

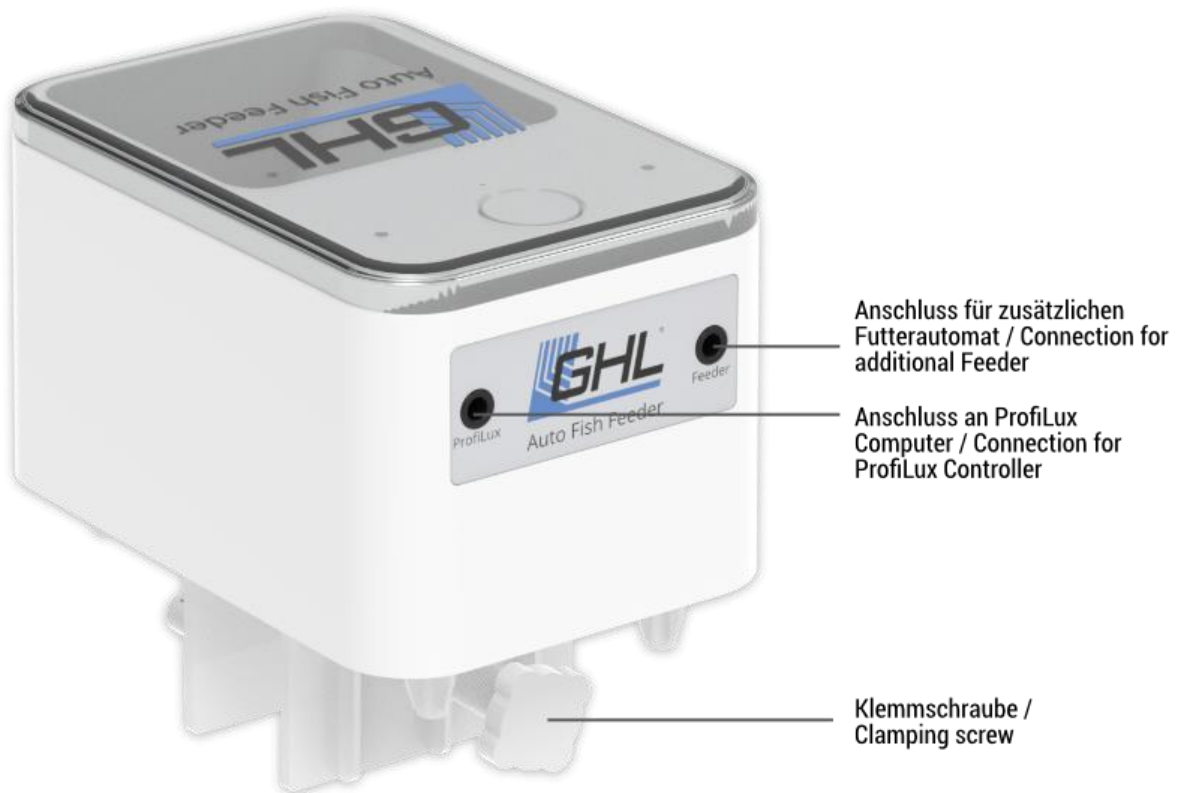
To ensure safe operation, the provisions referred here must be followed. Disregarding these safety guidelines will result in voiding your warranty. The manufacturer rejects any responsibility or liability for damage!

## 3 Product Details and Connection

### 3.1 Front view



## 3.2 Rear View



### 3.3 Connecting to ProfiLux Mini/Light WiFi

At least firmware version 1.19 is required to operate the automatic fish feeder on a ProfiLux Mini/Light WiFi.

To connect to ProfiLux Mini/Light WiFi, you need the ProfiLux Mini & Light adapter, which is available in our online store [GHL Store](https://www.ghl.com/en/online-store).

Connection to the ProfiLux Computer Mini or Light WiFi is done in 3 steps:

- 1.) Insert the jack of the enclosed 3.5 mm jack cable into the feeder port of the adapter.
- 2.) Plug the other end of the cable into the ProfiLux port of the feeder.
- 3.) Connect the adapter to the multifunction port of the ProfiLux Mini/Light WiFi using the enclosed patch cable.

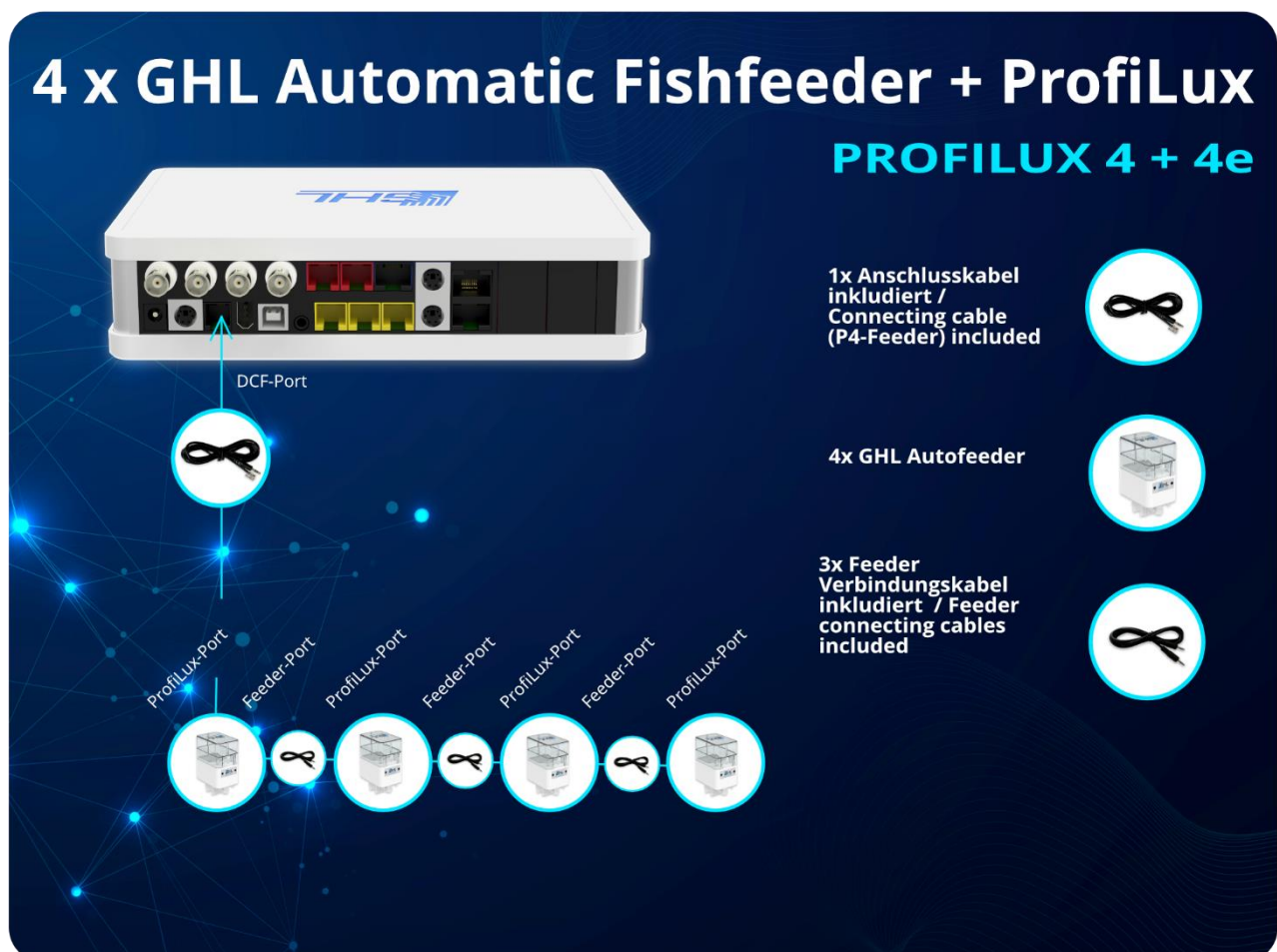


### 3.4 Connecting to ProfiLux 4(e)

At least firmware version 7.40 is required to operate the automatic fish feeder on a ProfiLux 4(e).

Connection to the ProfiLux 4(e) computer is done in 3 steps:

- 1.) The 4-pin western plug goes into the DCF port of the ProfiLux (the function of the DCF port must be set to *Automatic Feeder*).
- 2.) Plug the other end of the cable with the 3.5 mm jack into the ProfiLux port of the feeder.
- 3.) If needed, connect further (max. 3 per ProfiLux 4) feeders with the respective feeder connection cable supplied (jack to jack).



### 3.5 Status Indicators of the GHL Automatic Fish Feeder

The status LED of the automatic feeder is located below the manual button and lights up in different colors (blue, green, red) to indicate the respective device status



Display	Meaning
Alternating blue and red	<i>Feeder</i> is ready for operation but there is not enough food in the container
Blue	<i>Feeder</i> is ready for operation
Green	<i>Feeder</i> is feeding: Food drawer is being extended
Alternating green and red	<i>Feeder</i> is feeding: Food drawer is extended, but there is not enough food in the container
Blue blinks quickly	<i>Feeder</i> is ready for programming

## 4 Multiple Feeders and Assembly

### 4.1 Numbering several Automatic Fish Feeders

This function is only relevant for ProfiLux 4(e).

Connect the feeders to the ProfiLux as shown in the diagram under section 3.4.

To allow ProfiLux 4(e) to control each automatic feeder separately, they must be numbered in the GHL Connect app or the GHL Control Center software (version 1.1.5.0 or later).

Select the numbering function and click on the number you want to assign to a feeder. The status LEDs of all connected *Automatic Fish Feeders* will then start to flash blue rapidly, indicating that they are ready to be programmed with a number.

Now, press the manual feeding button on the *Automatic Feeder* to which you want to assign the selected number.

The rapid flashing on this *Feeder* will then stop, indicating that the new number has been accepted and saved. The programming mode will automatically terminate after 10 seconds.

## 4.2 Changing the food drawer insert

To change the food drawer insert, the food container must be empty.

Press the manual feed button. When the drawer is fully extended (at the outer dead point), immediately disconnect on the feeder side the power supply by quickly unplugging the connection cable to the ProfiLux. The drawer will then remain in the maximum open position. It is advisable to observe a complete open/close cycle without interruption beforehand so that you know how far the drawer moves.

When the drawer is standing still and fully open, change the food insert as required. Ensure that the new food insert is correctly and completely inserted, then reconnect the cable. Press the manual feed button again to return the drawer to the closed position.

## 4.3 Installing the Automatic Fish Feeder

The *Automatic Fish Feeder* can be attached to the edge of the aquarium using the clamp attachment, which can be rotated by 90° for maximum flexibility.

Ensure that the clamping screw is firmly tightened to prevent the device from coming loose during feeding. Mount the device with the clamp attachment in a position that protects it from splashing water.

# 5 Warranty/Liability

You have a 2-year warranty from the invoice date. This covers material defects and manufacturing defects.

We guarantee that the delivered products meet the specifications and are free from material or manufacturing defects. No warranty is given for the accuracy of the operating instructions. We are not liable for any kind of damage resulting from incorrect operation, an unsuitable environment for the product or accessories, incorrect connections, or high humidity. Likewise, no warranty is provided for damages resulting from incorrect connection or high humidity. Liability for direct damages, indirect damages, consequential damages, and third-party damages is excluded to the extent permitted by law. No warranty is given that our

product package meets the purchaser's requirements. The warranty is void if the delivered original product is damaged or altered.

## 6 Additional Information

For help or further information, please visit our support page at [www.aquariumcomputer.com](http://www.aquariumcomputer.com) or contact your retailer.

## 7 Technical Data

Input voltage	12 VDC
Current consumption	Max. 50 mA
Dimensions	B x T x H = 75 mm x 110 mm x 140 mm (with extra container)

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