

# JUWEL®

## QuickStart SmartFeed AppControl



# Introduction

Thank you for choosing a JUWEL Aquarium product.

Our products represent over 50 years experience in the manufacturing of aquariums and their accessories applying most modern production techniques bringing together the JUWEL Aquarium system, which is both easy to use and simple to maintain.

Please read this instruction manual carefully and completely to make sure you have received all components before setting up the aquarium. Please observe the safety instructions and maintenance guidelines given in this manual.

This instruction manual has been carefully prepared to provide you with accurate and complete information. All efforts have been made to ensure that the information given is correct. However, we cannot accept responsibility for printing or other errors. Technical details are always approximate and are not warranted characteristics and may be subject to change without notice.



## Attention

- Read the user manual before commissioning.
- Keep the operating manual.
- Always follow the safety instructions.
- Please dispose of properly!
- If you have any questions, contact your responsible administration.



## Safety Instructions

- The electrical devices should only be used in indoor spaces.
- In case of damage or malfunction, never open the SmartFeed AppControl or repair the power cable. Always replace the entire device in case of damage.
- Operate only with an RCD (residual current device), max. 30 mA.
- Use a suitable power supply with a maximum of 5V/1A.
- This device is not intended for use by persons (including children) with limited physical, sensory, or mental abilities or lacking experience and knowledge, unless they are supervised by a person responsible for their safety or instructed on how to use the device. Children should be supervised to prevent them from playing with the device.
- The device may contain small parts. Keep these out of the reach of young children.
- Never throw the device into fire.
- Protect the SmartFeed AppControl from moisture, dust, liquids, and vapors.
- Do not disconnect the SmartFeed AppControl from the power supply during a firmware update. The resulting data loss could cause your device to stop working.
- For optimal operation when using flake food, please crush the food.
- Risk of injury: Never insert your finger into the feeder during the feeding process.

The simplified EU declaration of conformity referred to in Article 10(9) shall be provided as follows: Hereby, JUWEL Aquarium AG & Co. KG declares that the radio equipment type HeliaLux SmartControl & SmartCam is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.juwel-aquarium.de/en/declaration-of-conformity/](http://www.juwel-aquarium.de/en/declaration-of-conformity/)



**Manufacturer:** JUWEL Aquarium AG & CO. KG

**Address:** Karl-Göx-Str. 1, 27356 Rotenburg / Wümme, Germany

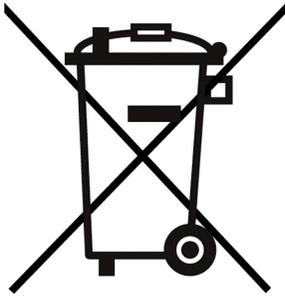


## PLEASE DISPOSE OF PROPERLY!

If you have any questions, please contact your responsible administration.

### Proper Disposal (Electronic Waste)

- If your light is malfunctioning or you are planning to replace it, please do not dispose of it with regular household waste. Instead, take it to an appropriate recycling collection point or consult your retailer or the relevant authority for proper disposal procedures. New regulations promote the recycling of electrical and electronic waste (European WEEE Directive, effective 2012/19/EU).
- The connection of cables must be carried out according to the illustrations.



## Technical Information

Item	Item Number	Max Rated Output Power	Rated Power	Max Ambient Temperature	Frequency
SmartFeed AppControl	89030	7 A 24V DC	1 W	40 °C	Band 2.4GHz, WiFi Protocols 802.11 b/g/n, +20dBm output power in 802.11b mode

## Scope of Delivery

Included in the package:

- 1x SmartFeed AppControl
- 1x USB cable
- 1x Power supply
- 1x QuickStart
- 1x Safety instructions

**TIPP** My JUWEL App

Required for installation. Download the MyJUWEL app and follow the further steps in the app.

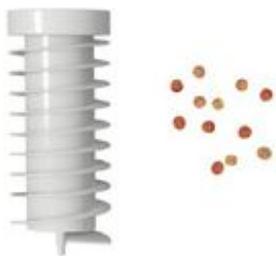
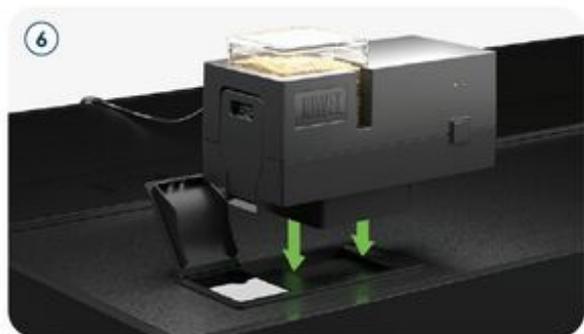
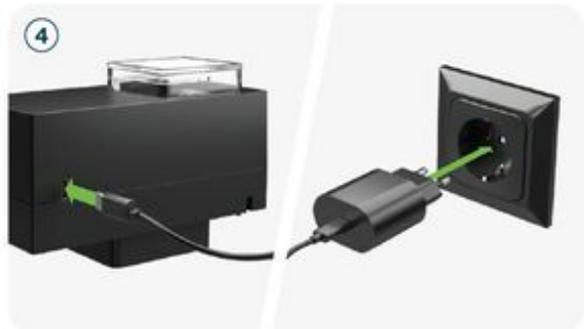
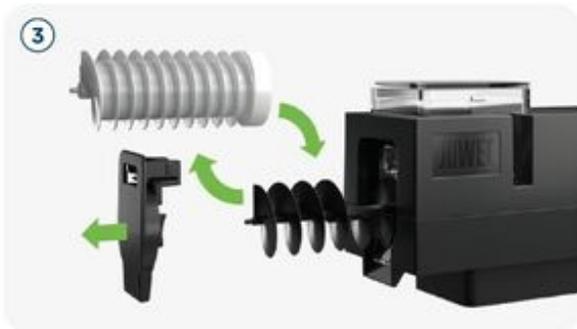
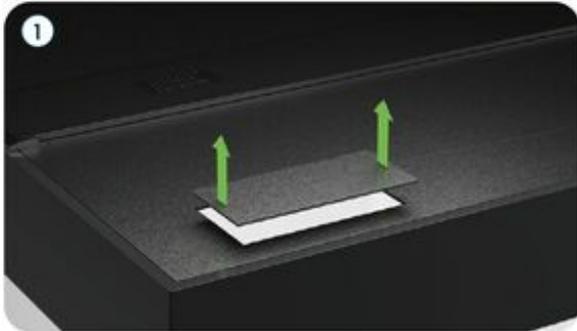


**Note**

In the factory state, the SmartFeed AppControl is in pairing mode. The blue LED blinks short, short, long. If this is not the case for you, please reset it to factory settings. To do this, press the control button on the SmartFeed AppControl for 20 seconds within 30 seconds after connecting it to the power supply. If the process was successful, the green and blue LEDs will blink three times in quick succession.

# Installation

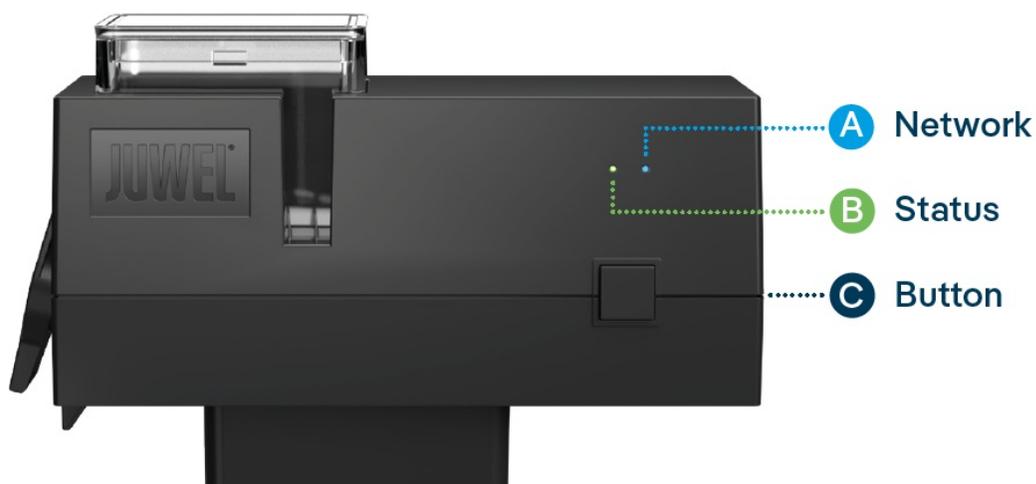
Install the SmartFeed AppControl as shown in the image and connect it to the power supply.



For feeding pellet food.



For feeding flake food.



## LED Status Lights and Control Button

### A Network

1. The SmartFeed AppControl is in pairing mode. In this state, the SmartFeed AppControl can be added to the MyJUWEL app. The blue status light blinks *short, short, long*.
2. The connection to the home network is being established. The blue status light blinks regularly at equal intervals (*short, short, short, short*).
3. The SmartFeed AppControl is successfully connected to your home network (Wi-Fi). The blue status light is continuously on.

### B Status

1. The SmartFeed AppControl is in regular operating mode. The green LED status light is continuously on ( ■ ).
2. The feed chamber level should be checked and refilled promptly. The green LED status light blinks at regular 1-second intervals ( ■■■■ ).
3. The feed screw is blocked. Please check the feed chamber and the feed screw. The green LED status light blinks quickly at 0.3-second intervals ( ■ ).

After checking and resolving the issue, press and hold the control button for 3 seconds to restart the SmartFeed AppControl.

#### Note

The LED status lights can be turned off in the MyJUWEL app. When the feed level is low or a mechanical fault occurs, the green LED lights up in the corresponding rhythm. The status of the SmartFeed AppControl can also be checked with a short press of the control button, even with the LEDs turned off. The LED status lights will deactivate again after 10 seconds.

### C Control Button

#### Manual Feeding

For manual feeding, briefly press the control button on the SmartFeed AppControl. The default feeding amount is  $\frac{1}{8}$  and can be adjusted in the settings of the MyJUWEL app.

#### Factory Settings

To reset the SmartFeed AppControl to factory settings, hold the control button for at least 20 seconds within 30 seconds after connecting it to the power supply. If the process was successful, the green and blue LEDs will blink three times in quick succession.

### i General Information

<p>The SmartFeed AppControl operates on 2.4 GHz networks. Make sure your router/repeater/access point operates in the 2.4 GHz range or in automatic mode (2.4 / 5 GHz).</p>

## ALEXA Voice commands

With the SmartFeed AppControl, you can conveniently control your aquarium via voice command – compatible with Alexa, Siri, and Google Assistant for intuitive and smart feeding in your aquarium.

The following commands are available:

Explanation	Voice Commands
Changes the feeding amount	"Set the feeding amount to X (1-8)"
Feeds with predefined amount	"Turn on feeding"
<b>For Google</b>	
Feed Quantity	"Set the food amount to X (1 to 8)"
Feeding	"Dispense Food"

## Troubleshooting

**Problem:** Your SmartFeed AppControl is not found when adding it to the MyJUWEL app.

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**Possible Causes:**

- Your SmartFeed AppControl is not in pairing mode. The blue LED should blink short, short, long.
  - The Bluetooth function on your smartphone is disabled.
  - The SmartFeed AppControl is too far away from your smartphone.
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**Solution:**

- Reset the SmartFeed AppControl to factory settings. Press the control button on the SmartFeed AppControl for at least 20 seconds within 30 seconds after connecting it to the power supply. If the process is successful, the green and blue LEDs will blink three times in quick succession. The SmartFeed AppControl will now enter pairing mode. Then, start the pairing process again in the MyJUWEL app.
- Enable the Bluetooth function in the connection settings of your smartphone. Then, start the pairing process again in the MyJUWEL app.
- Ensure that your smartphone and the SmartFeed AppControl are within range of each other during the pairing process.

**Problem:** Your SmartFeed AppControl is found when adding it to the MyJUWEL app, but the pairing process fails.

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**Possible Causes:**

- The wrong Wi-Fi name (SSID) was selected or an incorrect Wi-Fi password was entered during the pairing process.
  - The SmartFeed AppControl is out of range of your home network (Wi-Fi).
  - The 2.4 GHz frequency range is disabled on your router.
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**Solution:**

- Reset the SmartFeed AppControl to factory settings. Press the control button on the SmartFeed AppControl for at least 20 seconds within 30 seconds after connecting it to the power supply. If the process is successful, the green and blue LEDs will blink three times in quick succession. The SmartFeed AppControl will now enter pairing mode. Then, start the pairing process again in the MyJUWEL app. Make sure the Wi-Fi name (SSID) and password are correct.
- Ensure that there is a strong enough Wi-Fi signal at the location of your SmartFeed AppControl.
- Check if the 2.4 GHz frequency range is enabled on your router.

**Problem:**

Your SmartFeed AppControl was successfully added, you're on the same Wi-Fi network with your smartphone, but the device status in the MyJuwel app shows "offline".

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**Possible Causes:**

a. Your SmartFeed AppControl is unable to connect to your Wi-Fi or is out of range. In this case, the blue LED blinks regularly short, short, short ( ).

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**Solution:**

a. Restart your SmartFeed AppControl. To do this, press the Reboot button on the device once or disconnect the SmartFeed AppControl from the power supply for 5 seconds.

b. Check if your router's Wi-Fi is turned on and ensure that a strong enough Wi-Fi signal is available at the location of your SmartFeed AppControl.

c. If you've recently changed your Wi-Fi router or the Wi-Fi name (SSID) of your home network, reset the SmartFeed AppControl to factory settings. Press the control button on the SmartFeed AppControl for at least 20 seconds within 30 seconds after connecting it to the power supply. If the process is successful, the green and blue LEDs will blink three times in quick succession ( ).

The SmartFeed AppControl will now enter pairing mode. Then, start the pairing process again in the MyJuwel app.

**Problem:**

Your SmartFeed AppControl was successfully added, you're outside your home Wi-Fi with your smartphone, but the device status shows "offline".

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**Possible Causes:** To access your SmartFeed AppControl outside your home Wi-Fi, both your smartphone and your home Wi-Fi need to be connected to the internet.

a. Your smartphone has no internet connection.

b. Your home Wi-Fi has no internet connection.

c. Your SmartFeed AppControl cannot connect to your Wi-Fi or is out of Wi-Fi range. In this case, the blue LED blinks short, short, short, short.

d. Change in router settings, such as a new Wi-Fi name (SSID) or a router change. In this case, the blue LED blinks short, short, short.

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**Solution:** Ensure a strong enough Wi-Fi signal is available at the location of your SmartFeed AppControl.

a. Check and enable mobile data in your smartphone's settings.

b. Make sure your home network (Wi-Fi) is connected to the internet.

c. Check if your router's Wi-Fi is turned on and ensure there is a strong enough Wi-Fi signal at the location of your SmartFeed AppControl.

d. If you have a new Wi-Fi router or changed the Wi-Fi name (SSID) of your home network, reset the SmartFeed AppControl to factory settings. To do this, press the button on the SmartFeed AppControl for at least 20 seconds within 30 seconds after connecting it to the power supply. If the process is successful, the green and blue LEDs will blink three times quickly. **The SmartFeed AppControl will now enter pairing mode. Then, start the pairing process again in the MyJuwel app.**

**Problem:**

The green LED status light on your SmartFeed AppControl blinks at regular intervals of 1 second ( ).

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**Possible Cause:**

The minimum feed level in the feed chamber has been reached.

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**Solution:**

Refill the feed chamber with new food.

**Problem:**

The green LED status light on your SmartFeed AppControl blinks quickly at intervals of 0.3 seconds ( ).

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**Possible Cause:**

There is a mechanical issue. A foreign object may be inside your SmartFeed AppControl.

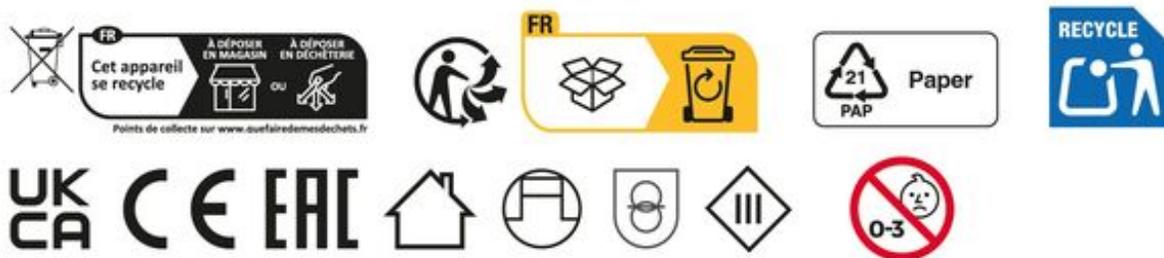
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**Solution:**

Check your SmartFeed AppControl for any foreign objects and remove them. Press the control button for 3 seconds to reset the issue.

**TIPP Maintenance and Care**

Always disconnect the SmartFeed AppControl from the power supply during maintenance and care. Clean with a soft cloth and lukewarm water if necessary.



# Guarantee

We guarantee the performance of the JUWEL-Aquarium product or its accessories to the purchaser for a period of 24 months from the date of purchase according to the following conditions:

## § 1 Extent of the guarantee

(1) This guarantee extends to the JUWEL-Aquarium product and its components excluding items subject to wear and tear such as T5 and T8 light tubes and filter media. It is limited to the product as such and does not cover damage to other property and/or individuals. In addition, the provisions of the product liability law apply. These provisions are not limited by the aforementioned arrangement.

(2) It is the prerogative of JUWEL-Aquarium to decide whether the guarantee is performed by means of repair or replacement. If neither repair nor replacement can ensure the performance of the JUWEL-Aquarium product the purchaser is entitled to demand a reduction in price or to return the product against repayment of the purchase price.

## § 2 Guarantee period and settlement procedure

(1) The guarantee period begins on the day of the purchase of the JUWEL Aquarium product from the retailer. Claims under this guarantee will not be honoured, if

- (a) the damage is caused as a result of improper use or maintenance or nonobservance of the instructions given in this manual
- (b) the product or its components have been maintained by persons or companies not authorised by the manufacturer to do so
- (c) the product or its components have been damaged by mechanical means of whatsoever kind, in particular broken glass

(2) All claims under this guarantee have to be notified to the retailer, from whom the aquarium has been purchased without delay, however, not longer than 2 weeks from the day of first occurrence of defects. Rights under the consumer protection laws will remain unaffected.

(3) Guarantee claims will only be accepted if the validity of the claim is supported by evidence of purchase of the JUWEL-Aquarium product. This declaration of guarantee is a translation only. In case of doubts the original German language version prevails.

We reserve the right to make technical alterations.

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