

# JUWEL®

## QuickStart HeliaLux 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 for HeliaLux APPControl

- Electrical devices may only be used indoors.
- The device may contain small parts. Keep them out of reach of small children. Never open the device or repair the power cord in case of damage or malfunction. Always replace the entire device if it is damaged.
- For safety reasons, the device may only be operated with an original JUWEL HeliaLux light and a JUWEL power supply unit.
- Operation only with an RCD (Residual Current Device), max. 30 mA.
- This device may be used by children aged 8 years and older, as well as by persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge, provided they are supervised or instructed in the safe use of the device and understand the risks involved.
- Children must not play with the device and must be supervised during cleaning and user maintenance.
- Do not throw the device or batteries into fire. Protect the device from moisture, dust, liquids, and vapors.
- Do not disconnect the device from the power supply during a firmware update. Data loss may cause the device to malfunction.
- Connect the power adapter only to properly installed power outlets of the public power supply network.
- The power outlet for the power adapter must be located near the device and easily accessible.

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, HeliaLux AppControl and SmartFeed AppControl 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

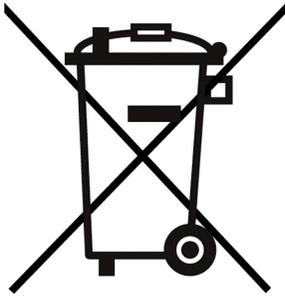


## PLEASE DISPOSE OF PROPERLY!

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	Maximum Rated Output Power	Rated Power	Max. Ambient Temperature	Frequency
HeliaLux AppControl	48999	7 A 24V DC	1 W	40 °C	Band 2.4 GHz, WiFi Protocols 802.11 b/g/n, +20 dBm output power in 802.11b mode

## Scope of Delivery

The scope of delivery includes:

1x HeliaLux AppControl

1x QuickStart

**TIPP** My JUWEL App

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



## Installation

Connect the HeliaLux AppControl to your HeliaLux Spectrum light according to the illustration.

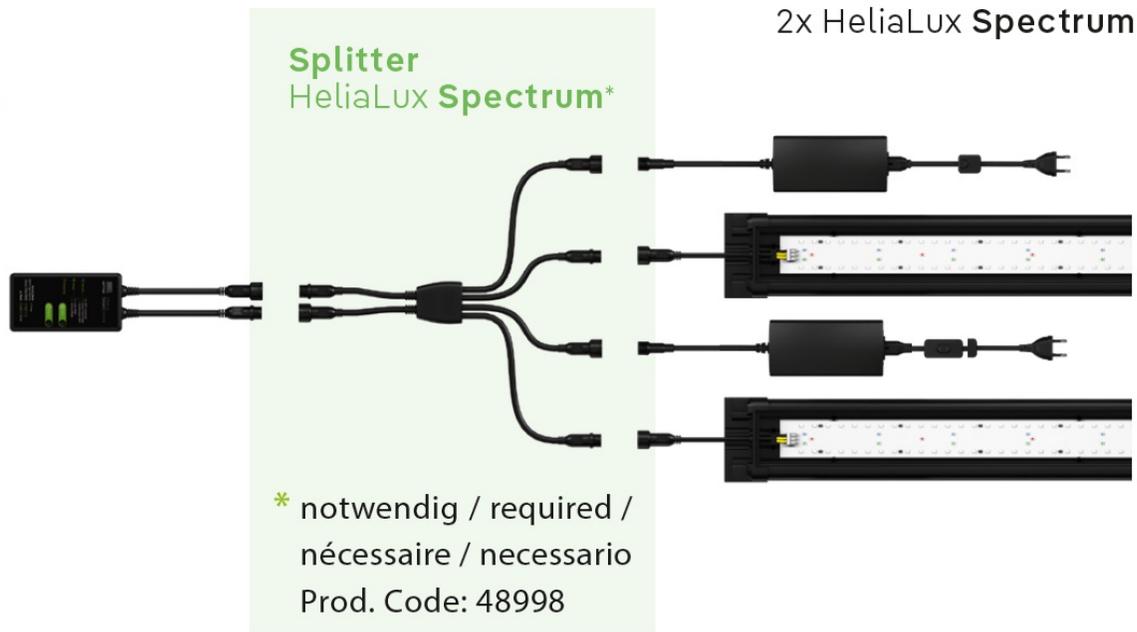
V1

HeliaLux Spectrum



V2

2x HeliaLux Spectrum



In its factory state, the HeliaLux AppControl is in pairing mode. If not, please reset it to factory settings (press Reboot once, then hold the Mode button for 10 seconds until the red LED on the HeliaLux AppControl starts blinking).

## Optional Accessories

- A. HeliaLux Spectrum Splitter - For operating two HeliaLux Spectrum lights - Item number: **48998**
- B. HeliaLux LED Splitter - For operating one or two HeliaLux LED lights - Item number: **48997**

## LED Status Indicators and Buttons

### A Network

1. The controller is in pairing mode. In this state, the HeliaLux 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 at regular intervals (*short, short, short, short*).

3. The HeliaLux AppControl is successfully connected to your home network (Wi-Fi). The blue status light remains solid.

### B Status

1. The controller is in normal operation mode (Auto-Mode). The Auto-Mode is the mode in which the HeliaLux AppControl operates regularly. The green status light remains solid (■).

2. The controller is in manual mode. The manual mode has been activated in the MyJUWEL app or the service mode has been enabled via button press on the HeliaLux AppControl. After the set time expires, the HeliaLux AppControl switches back to normal operation (Auto-Mode). The green status light blinks at regular intervals (■■■■).

### C Restarting

The system is restarting. The red status light turns on and turns off again after a successful restart (■).

### D Mode Button

#### Service Mode

Hold the **mode button** for 3 seconds. The service mode is activated for 60 minutes. All four colors of the HeliaLux Spectrum will illuminate at 100% brightness for 60 minutes.

### E Reboot Button

**1x Reboot Button:** The controller performs a restart (no settings will be reset).

### i General Information

The HeliaLux AppControl operates on 2.4 GHz networks. Ensure that your router/repeater/access point is functioning in the 2.4 GHz range or in automatic mode (2.4 / 5 GHz).

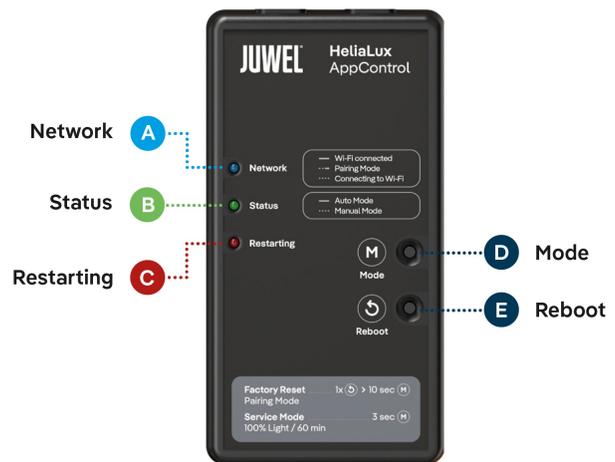
## Firmware-Update

For any updates in the MyJUWEL app, watch for a small red dot that appears on the settings icon (three small sliders) when new updates are available.

## ALEXA Voice commands

With the HeliaLux APPControl, you can conveniently control your aquarium via voice command – compatible with Alexa, Siri, and Google Assistant for an intuitive and smart lighting control.

The following commands are available to you:



Description	Voice Commands
Adjusting the light intensity	"Set the aquarium to x%"
Changing the color of the LED lighting	"Set the aquarium to COLOR NAME"
Changing the LED lighting profile	"Set the aquarium to PROFILE NAME"
Turning automatic mode on or off	"Turn automatic mode on/off"

## Troubleshooting

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

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**Possible Causes:**

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

- Reset the HeliaLux AppControl to factory settings. Press the Reboot button (E) once and then hold the Mode button (D) for 10 seconds until the red LED on the HeliaLux AppControl starts blinking. The HeliaLux AppControl will now enter pairing mode. Then restart the setup process in the MyJUWEL app.
- Enable the Bluetooth function in your smartphone's connection settings. Then restart the setup process in the MyJUWEL app.
- Ensure that your smartphone and the HeliaLux AppControl are within visible range of each other during the setup process.

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

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**Possible Causes:**

- An incorrect Wi-Fi name (SSID) was selected, or an incorrect Wi-Fi password was entered during the setup process.
  - The HeliaLux AppControl is out of range of your home network (Wi-Fi).
  - The 2.4 GHz frequency band is disabled in your router.
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**Solution:**

- Reset the HeliaLux AppControl to factory settings. Press the Reboot button (E) once and then hold the Mode button (D) for 10 seconds until the red LED on the HeliaLux AppControl starts blinking. The HeliaLux AppControl will now enter pairing mode. Then restart the setup process in the MyJUWEL app.
- Ensure that there is a sufficiently strong Wi-Fi signal at the location of your HeliaLux AppControl.
- Check if the 2.4 GHz frequency band is enabled in your router.

**Problem:** Your HeliaLux AppControl has been successfully connected, you are on the **same Wi-Fi network with your smartphone, but the device status in the MyJUWEL app appears as "offline."**

**Possible Causes:**

a. Your HeliaLux 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.

**Solution:**

a1. Restart your HeliaLux AppControl. Press the Reboot button (E) on the device once. Check the internet connection of your router or ensure that you are using the same Wi-Fi network to which your HeliaLux AppControl is connected.

a2. Check if your router's Wi-Fi is enabled and ensure a sufficiently strong Wi-Fi signal at the location of your HeliaLux AppControl.

a3. If you have recently changed your Wi-Fi router or modified the Wi-Fi name (SSID) of your home network, reset the HeliaLux AppControl to factory settings. Press the Reboot button (E) once and then hold the Mode button (D) for 10 seconds until the red LED on the HeliaLux AppControl starts blinking. The HeliaLux AppControl will now enter pairing mode. Then restart the setup process in the MyJUWEL app.

**Problem:**

Your HeliaLux AppControl has been successfully connected, but you are **outside your home Wi-Fi network with your smartphone, and the device status appears as "offline."**

**Possible Causes:** To access your HeliaLux AppControl from outside your home Wi-Fi network, both your smartphone and your home Wi-Fi must be connected to the internet.

a. Your smartphone has no internet connection.

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

c. Your HeliaLux 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. A change in router settings, such as a new Wi-Fi name (SSID) or switching to a new router. In this case, the blue LED blinks short, short, short, short.

**Solution:** Ensure a sufficiently strong Wi-Fi signal at the location of your HeliaLux AppControl.

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

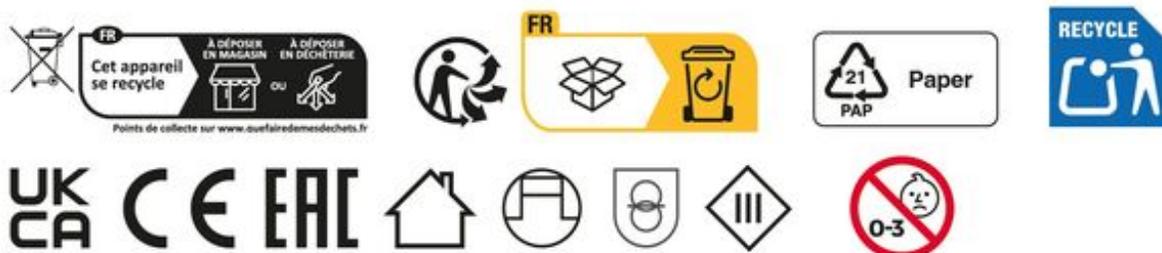
b. Ensure that your home network (Wi-Fi) is connected to the internet.

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

d. If you have a new Wi-Fi router or have changed the Wi-Fi name (SSID) of your home network, reset the HeliaLux AppControl to factory settings. Press the Reboot button (E) once and then hold the Mode button (D) for 10 seconds until the red LED on the HeliaLux AppControl starts blinking. **The HeliaLux AppControl will now enter pairing mode. Then restart the setup process in the MyJUWEL app.**

**i Maintenance Instructions**

Always disconnect the HeliaLux AppControl from the power supply before performing maintenance and care procedures. If necessary, clean with a soft cloth and mild detergent.



# 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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