Instruction Manual

HeliaLux Day+Night Control

www.juwel-aquarium.com

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 the most modern production techniques in bringing together the JUWEL Aquarium system, which is both easy to use and simple to maintain.

First of all, please read through all chapters of these operating instructions carefully and check that your JUWEL product is complete. Please observe the safety notices, as well as the maintenance and care recommendations.

We have taken the utmost care in the development of these operating instructions, in order to provide correct and accurate information. However, we cannot assume any liability for possibly existing misprints and errors. Technical specifications are to be understood as approximations. We reserve the right to make technical changes.

⚠ Safety notices

The electrical devices may only be operated indoors.

In case of damage or malfunction, never open the HeliaLux Day+Night Control or repair the power cable. Always replace the entire device in case of damage.

For safety reasons, it is only possible to operate the HeliaLux Day+Night Control with an original JUWEL HeliaLux LED light unit and a JUWEL charger.

Pull the power plug of all devices operated in water before coming into contact with the water.

Only operate with the ground fault circuit interrupter, max. 30 mA.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

The device may contain small parts. Keep these out of reach of small children.

Do not insert any foreign bodies into the battery compartment. Never throw the device or batteries into fire.

HeliaLux Day+Night Control

The HeliaLux Day+Night Control allows you to control a HeliaLux LED light unit.

You can assign an individual lighting profile for each weekday.

Each lighting profile can have up to four different dimming phases (Dawn, Sunrise, Sunset, Dusk) and the respective time periods in between (static phases).
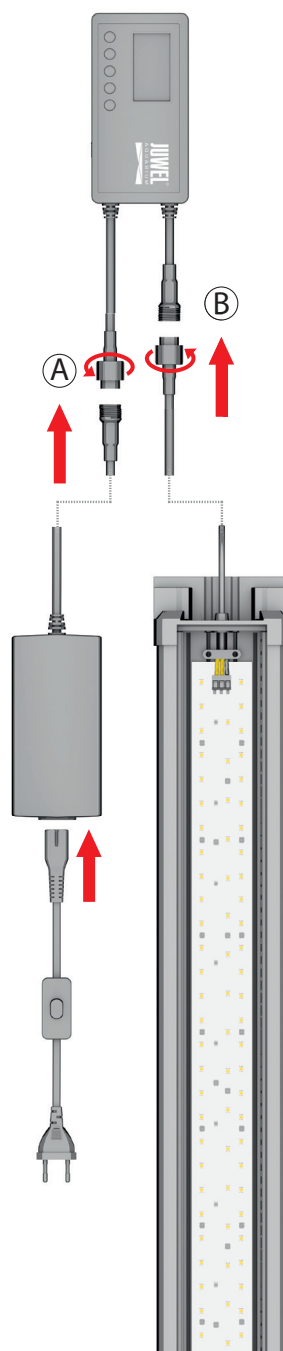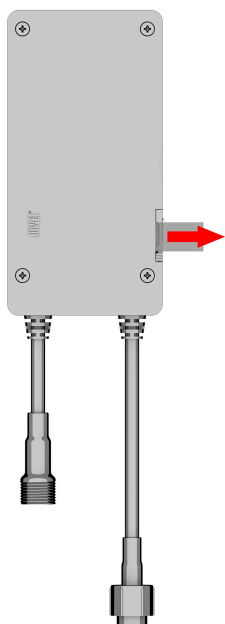
For each dimming phase, an individual start and end time may be selected, as well as the lighting intensity of the respective white and blue LEDs at the end time of the respective phase.

A lighting profile (Profile 1) is already preconfigured and assigned to all 7 weekdays in the HeliaLux Day+Night Control. This profile may be changed at any time. For this, please read 'Configuration of the Light Profiles'.

Start-up of the HeliaLux Day+Night Control

Connect both plugs (A+B) of the HeliaLux Day+Night Control with the HeliaLux LED light unit and the chargers in accordance with the illustration and screw the locking ring completely onto the screw connector.

Remove the battery safety strip and switch the device on with the [ON] key.

Selection of the language

1. Press the [SET] key, to reach the main menu.

2. Select 'General Settings' and confirm with the [SET] key.

3. Select 'Set Language' and confirm with the [SET] key.

4. Select the language using the arrow keys and confirm with [SET].

5. The language has been saved. Press the Back key [«] to return to the main menu.

Setting the time

1. Press the [SET] key, to reach the main menu.

2. Select 'General Settings' and confirm with the [SET] key.

3. Select 'Set Time' and confirm with the [SET] key.

4. Set the time using the arrow keys. Switch between hours, minutes and seconds with [SET]. Confirm the set time with the Back key [«].

5. The time has been saved. Press the Back key [«] to return to the main menu.

Setting the date

1. Press the [SET] key, to reach the main menu.

2. Select 'General Settings' and confirm with the [SET] key.

3. Select 'Set Date' and confirm with the [SET] key.

4. Set the date using the arrow keys. Switch between days, months and years with [SET]. Confirm the set date with the Back key [«].

5. The date has been saved. Press the Back key [«] to return to the main menu.

Lighting profiles

Each weekday may be assigned an individual lighting profile.

Each lighting profile consists of four differently adjustable dimming phases (Dawn, Sunrise, Sunset, Dusk) and the respective time periods in between (static phases).

For each dimming phase, an individual start and end time may be selected, as well as the lighting intensity of the respective white and blue LEDs to be reached at the end of the relevant phase.

During the static phases, these are the time periods in between the dimming phases, until the starting time of the next dimming phase, the last reached lighting intensity reached at the end of the preceding phase is maintained.

Example of daytime lighting:

If the 'Sunrise' dimming phase ends e.g. at 10:00 a.m. with a lighting intensity of 100% (white 100%, blue 100%) and the start time of the next 'Sunset' dimming phase is set for 5:00 p.m., the HeliaLux LED will illuminate with 100% during this time (10:00 a.m. - 5:00 p.m.).
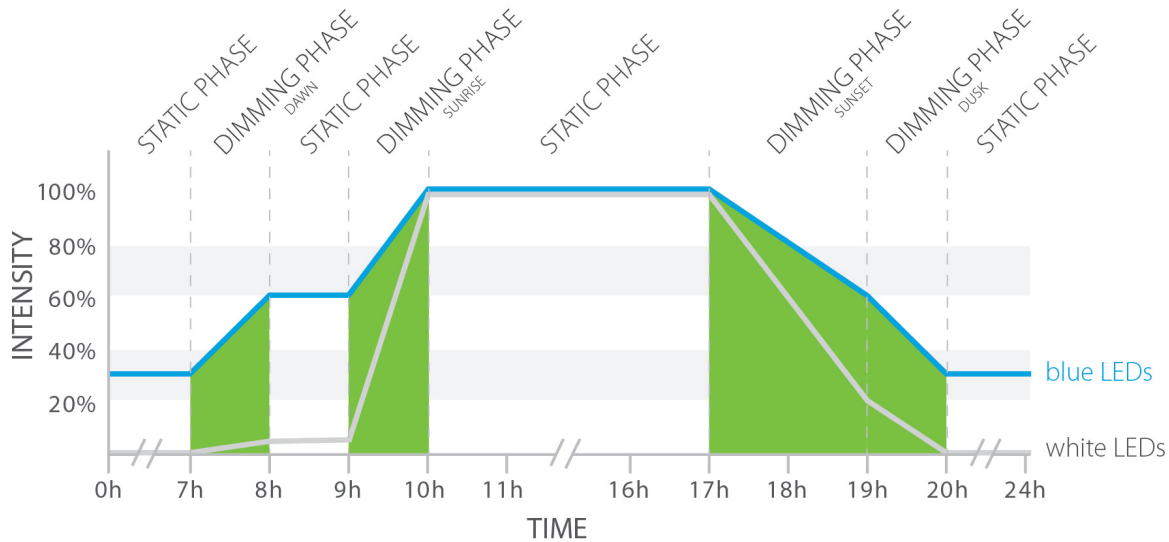
Example of night lighting:

If the 'Dusk' dimming phase ends e.g. at 8:00 p.m. with a light intensity of white 0%, blue 30% and the start time of the next 'Dawn' dimming phase is set for 7:00 a.m., the blue LEDs of the HeliaLux will illuminate with 30% during this time (8:00 p.m. - 7:00 a.m.).

Notice:

The set intensity of a dimming phase (e.g. Dawn) will be reached at the end time of the respective dimming phase.

In the following static phase, the set light intensity remains until the start time of the next dimming phase (e.g. Sunrise).

Configuration of the lighting profiles

(As a factory setting, 'Profile 1' is preconfigured.)

Please proceed as follows to configure the lighting profile:

1. Press the [SET] key, to reach the main menu.

2. With the arrow keys, select the profile that you want to configure and confirm with the [SET] key.

3. Select 'Set Profile' and confirm with the [SET] key.

4. Now, configure each of the four dimming phases (Dawn, Sunrise, Sunset, Dusk). For this, select the required dimming phase e.g. 'Dawn' and confirm with the [SET] key.

4.1 Setting the start and end time

- Select 'Set Start Time' and confirm with the [SET] key.

- Set the start time using the arrow keys. Switch between hours and minutes with [SET]. Confirm the set start time with the Back key [«].

- The start time has been saved.

- Select 'Set End Time' with the arrow keys and confirm with [SET].

- Set the end time using the arrow keys. Switch between hours and minutes with [SET]. Confirm the set end time with the Back key [«].

4.2 Configuration of the lighting intensity

Select 'Set Luminosity' and confirm with the [SET] key.

- With the arrow keys, set the intensity of the white and blue LEDs. The light intensity shown on the display will be reproduced directly by the light unit during the setting.

Confirm the set lighting intensity with the Back key [«].

- The lighting intensity has been saved. With the Back key [«], return to the main menu.

Assigning the lighting profiles to the relevant weekdays

(As a factory setting, all weekdays are assigned to 'Profile 1')

1. Press the [SET] key, to reach the main menu.

2. Using the arrow keys , select the 'Set profile' function, to which you would like to assign the weekdays and confirm with the [SET] key.

3. Select 'Assign Weekdays' and confirm with the [SET] key.

4. Using the arrow keys , select the weekday to which you would like to assign the required profile. Press the [SET] key until the number of the required profile appears and confirm with the Back key [«].

5. The setting has been saved. Press the Back key [«] to return to the main menu.

Shop mode

In Shop mode, the HeliaLux LED dims up and down in various light configurations.

1. Activate the Shop mode by keeping the 'down' arrow key and the Back key [«] pressed down at the same time.

2. With the Back key [«], exit the Shop mode and switch to normal operation.

Notice:

The enclosed holder is intended for the installation inside the aquarium cabinet. The holder may not be attached to or on the aquarium frame.

Care and maintenance

During care and maintenance activities, always disconnect the HeliaLux Day+Night Control from the power supply.

If necessary, we recommend cleaning with a soft cloth and mild detergent.

Battery Replacement

Open the battery compartment as illustrated and replace the battery. Please use the following type of battery: Lithium cell CR2025.

Pay attention to the correct polarity when inserting the battery (+ pole visible at the top).

Notice:

After removal or replacement of the battery, the date and time need to be reset. The configuration of the profiles is retained.

Proper disposal (electrical waste)

The labelling on the product or on the accompanying literature declares that it must not be disposed of, at the end of its service life, together with household rubbish. Please dispose of this equipment separately from other waste, to protect the environment or public health from damage by unregulated waste disposal. Recycle the equipment and support the sustained recycling of material resources.

Private users should contact the dealer who sold them the product or the responsible authorities, for a demonstration on how to recycle the equipment in an environmentally friendly way.

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 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 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 non-observance 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.

© JUWEL AQUARIUM

® JUWEL, Trigon, Vision, Rekord, Rio, Lido, Vio, Primo, Korall, MonoLux, DuoLux, MultiLux, KoralLux, NovoLux, PrimoLux, HeliaLux, SeaSkim, AquaHeat, High-Lite, Warm-Lite, Colour-Lite, Day-Lite, Juwel Twin-Lite, HiFlex, Juwel Eccoflow, Bioflow, Cirax, Nitrax, Phorax, Carbax, BioPad, BioCarb, BioPlus, OxyPlus, Silexo, Conexo.

JUWEL AQUARIUM GMBH & CO. KG

Karl-Göx-Straße 1   27356 Rotenburg/Wümme . GERMANY

Telefon +49(0)42 61/93 79-32

Telefax +49(0)42 61/93 79-856

Service-Mail service@juwel-aquarium.de

JUWEL AQUARIUM UK Branch

Gateway 11 Business Park

Penfold Drive, Wymondham   Norfolk NR18 0WZ

Tel.: 01953 606 363   Fax: 01953 603 839

E-Mail: info@juwel-aquarium.co.uk

Service-Mail: info@juwel-aquarium.co.uk