

lynk
PRO

GIESEMANN
aquaristic

1

download the Gieseemann **lynk pro app** from the Apple App Store for Apple devices or the Google Play Store for Android devices.



GET IT ON
Google Play



Download on the
App Store

2

start the app and make sure that your Bluetooth is activated and all Bluetooth sharing is permitted.

 lynkPro



"LYNK Pro" Would Like to Use Bluetooth

Bluetooth is required to connect to your lights.

Don't Allow

Allow

Check that your lights are connected to the power supply and that Bluetooth is activated on your smartphone.

Add aquarium




NOTE !

For most **Android** devices, all device authorizations must be explicitly permitted for the **LYNK pro app** (on iOS devices, this is usually done automatically).

You can find the “LYNK pro” app in the device settings of your Android device under “Apps and notifications”.

Select “Permissions” and allow the app all permissions, in particular location sharing and, if applicable, sharing for “nearby devices”.

As soon as all permissions for the app are enabled (marked as “no permissions denied”), communication with your fixture is possible without restrictions.

On the home screen of the LYNK pro app itself, directly above the  (info) button, you will find the system settings for location and memory sharing.

 lynkPro



CREATE AQUARIUM AND ADD LIGHTS

Check that your lights are connected to the power supply and that Bluetooth is activated on your smartphone.

Add aquarium



Info

1.1.6

App Version

FAQs



Terms of Use



Privacy



Permissions



 GIESEMAN
aquarist



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set up your aquarium

The aquarium stands for a group of lights that are connected with each other and controlled together.

You can create up to 10 aquariums.

Assign a name or a designation for your aquarium.

If you have several lights above your aquarium and want to control them individually, set up a separate aquarium for each light.

For example, name these aquariums *tank left*, *tank center*, *tank right*, etc.

lynkPro



CREATE AQUARIUM AND ADD LIGHTS

Check that your lights are connected to the power supply and that Bluetooth is activated on your smartphone.

Add aquarium



Aquarium Name

Give your aquarium a name

Reef 1

NEXT

4

the app now automatically scans for Giesemann fixtures that can be added

The app will find your lights very quickly.

Now select the light you want to connect from the results.

You can add more lights to add these in your aquarium setup.

10:45



Add Lighting



Make sure your light is powered on and nearby



VERVVE pro m6e26



Swipe down to refresh



5

once you have connected your light, you will be automatically redirected to the overview of your aquariums.

Select your aquarium and you will be redirected to the main overview of the control settings.



Daytime setting



Setting clouds



Weather simulation



Lunar phase setting



Presets & own profiles



General adjustments

lynkPro



Reef 1



Create a new aquarium to add your lights



Reef 1

All lights are connected



Sun



Cloud cover



Thunderstorm



Lunar



Light templates



Aquarium Settings



SUN


In this section you set your daytime schedule with any number of switching points.

To do this, touch a point and you can move the LED colors for this individual day point.

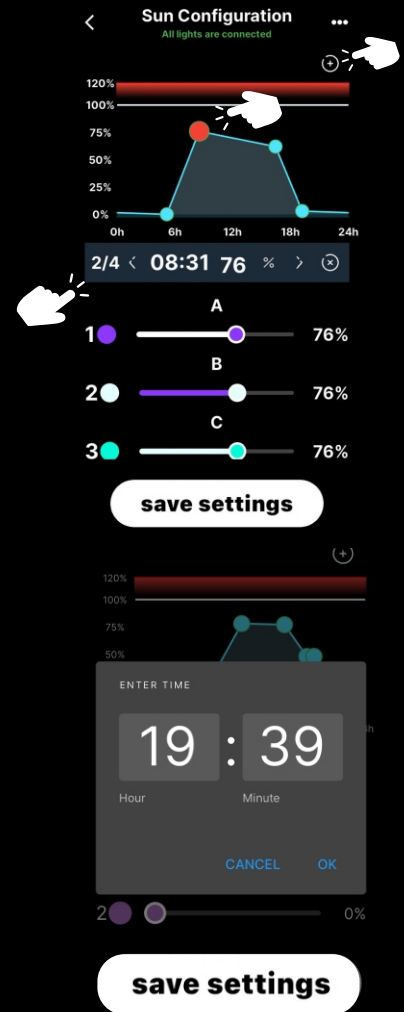
Alternatively, you can also enter a value by touching the % numbers.

The same applies to the time.

The active switching point is always **RED**. YOU can always insert additional switching points after the red point.

To do this, click on 

The first and last points in the daily cycle must be set to **0%** so that the light switches off completely at night.



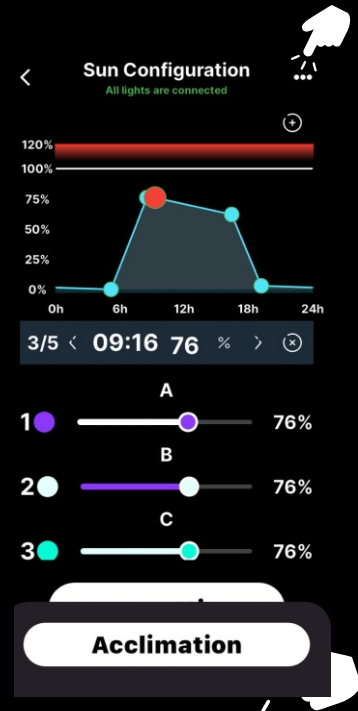
The screenshot displays the 'Sun Configuration' app interface. At the top, it shows a back arrow, the title 'Sun Configuration', and a status 'All lights are connected'. Below this is a graph with a y-axis from 0% to 120% and an x-axis from 0h to 24h. A blue line graph shows a schedule with three points: 0h at 0%, 6h at 76%, and 18h at 76%. A red dot is positioned at the 6h point, and a hand icon is shown touching it. Below the graph is a status bar showing '2/4 < 08:31 76 % >'. Underneath are three sliders labeled A, B, and C, each with a colored dot and a percentage value of 76%. A 'save settings' button is located below the sliders. At the bottom, there is a 'ENTER TIME' dialog box showing '19 : 39' with 'Hour' and 'Minute' labels, and 'CANCEL' and 'OK' buttons. A hand icon is shown touching the 'OK' button. Below the dialog box is another slider with a purple dot and a percentage value of 0%. A final 'save settings' button is at the very bottom.

ACCLIMATIZATION

Once you have set your desired light colors and intensities, we recommend automatic acclimatization.

The app will slowly increase the power of your light fixture over several days until it has reached your desired settings.

Once you have created your daily schedule, simply press the three dots in the top right-hand corner of the screen and confirm the acclimatization.




PRESET PROFILES

You also have the option of using preset profiles. Please note, however, that these are only recommendations and a basis for personal settings.

Each aquarium and its inhabitants are individual and many factors affect the correct light settings.

Pay careful attention to your animals and their behavior.

To call up the preset profiles, select  **Light programs** in the main menu.

< Light templates ↓

Save current
configuration

Malawi >

Mix Reef >

LPS Dominant >

Amazonas >

Lagoon >

Tanganika >


SPS Dominant >

Reef 1 >

SENDING AND RECEIVING PROFILES

To load a received profile, tap on ↓


This profile must be saved before in your **lynk folder** under “**own files**”.

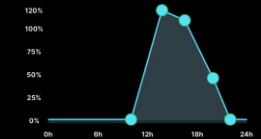
To send profiles, go to the light profile of your choice and tap 

< Light templates ↓

Save current configuration

- Malawi >
- Mix Reef >
- LPS Dominant >
- Amazonas >
- Lagoon >
- Tanganika >
- SPS Dominant >
- Reef 1 >

< Lagoon 



Lunar
Enabled
Time: 01:13 - 06:13
Full moon: 15:02
Channel: 3

Cloud cover
Enabled
Frequency per day: 15
Duration (seconds): 20
Intensity: 10

Thunderstorm
Enabled
Time: 01:00 - 06:00
Per Hour: 20
Intensity: 10

Load

CLOUDS

In this section you can add realistic cloud flights to your day time schedule.

The illumination is then temporarily darkened at random.

THUNDERSTORMS

Here, too, there are extensive options for creating an individual simulation of a thunderstorm with lightning.



MOON

Once you have defined your individual full moon day, the cycles are automatically executed by the app.

You can determine the intensity and moon color yourself by selecting the preferred LED colour channel.

The screenshot shows the 'Lunar' app interface. At the top, there is a back arrow and the title 'Lunar' with the status 'All lights are connected'. Below this is a green toggle switch labeled 'On'. To the right is a moon icon. The start and end times are displayed as '01:13 Start' and '06:13 End'. The date '15.02.2023' is shown, followed by 'Full Moon Day' and the note 'All lunar cycles will be set automatically.'. An 'Intensity' slider is set to 38%. At the bottom, there are six color selection icons labeled 1 through 6, with icon 4 (purple) selected and highlighted with a white number '4'. The text 'Color of the moon' is centered below the icons.

GENERAL SETTINGS

From the main menu, you can access the general settings under “Aquarium settings”.

Here, you can update the software for your aquarium, adding new lights and making all basic system settings/changes.

In the WIFI settings you can enter the data #and password of your WIFI router.

A WIFI connection is **not necessary to control your fixture**, but enables the automatic installation of.

When changing from summer to winter time, the app automatically adjusts the time and thus also the schedule of the day (available in countries that change from summer to winter time).



Reef 1

Lights:



LYNKctIPro m6e26
Connected



Add New Lighting



Settings:

Aquarium Name

Reef 1

Wi-Fi Setup

Update configuration

Software Update

Update to the latest version

Date & Time

08.10.2024 11:22

Delete Aquarium

Delete aquarium and all its lights



FAQ !

Question:

Somehow the light is on all night, or the light does not switch off completely. What could be the reason?

Answer:

In the daylight range ("sun"), there are switching points in the daily schedule. Each point has a precisely defined characteristic composed of six (or possibly more) LED channels. If you tap a switching point once, you will see at least six faders for the different LED colour groups (channels).

All faders together define this selected switching point: If all channels are set to 0%, the daylight is off at this point. If only one of the channels is NOT set to 0%, the corresponding LED channel illuminates with the % of intensity.

The very first and also the very last switching point in your daytime schedule should be checked carefully: Here it is essential that all LED channels are set to 0% so that the total intensity of these points is displayed as 0%.

In addition, the moonlight settings should be checked or set to the desired values or the moonlight should be switched off completely.

Question:

Unfortunately, the daylight schedule set by my friend with his device can no longer be called up with my mobile phone. What's the problem?

Answer:

In principle, only ONE device should be used for programming because otherwise the values of the currently connected app will be repeatedly transferred to the LYNK PRO and the settings there will be overwritten.

When connecting to a new device (new app), the settings of the Lynk pro are overwritten with the new information from the app.

However, your friend can open the app on his iPhone, even if he is not currently connected to the controller, select the last saved settings under "Light programmes" and send them using the "Share" button. You can then import this and use it yourself on your mobile phone.

Question:

How should I coordinate the moonlight with the daylight?

Answer:

Daylight and moonlight are handled completely independently of each other.

A daily time window is defined for the moon in which the moon may be active.

You also define a specific day as a full moon day. To define the full moon day, set the intensity at full moon (e.g. 12%) and the desired channel (e.g. channel 1).

All further days are then determined automatically, i.e. the moon will continue to dim for 14 days from the entered full moon date (and the moonlight will be dimmed darker day by day until the new moon), then dimmed higher again every day until the moon reaches the full moon again on the 28th day)

Note: Entering very small values (e.g. 1% at full moon) would be very, very low!

It is possible that not all LEDs are capable of this low setting even at full moon, as there is a certain technical variation in materials and some LEDs only start at around 2%. From the following day, after the full moon day, the dimming continues - no LED can achieve less than 1%, so it usually remains dark.

It is best to set the full moon day to a more realistic value, for example 8%, so that you can observe the daily waning moon spectacle within the set time frame. In fact, it can happen that even on some days around the new moon, the moonlight is very dark at night or even already OFF, just like in nature.

Another small note: during the adjustment work, the connected lights always display the current settings LIVE, even when adjusting the moonlight. If there is no activity, the system automatically switches back to daytime automatic after 10 seconds.

Question:

What do I have to do to optimize the dimming between two points?

Answer:

Nothing at all!

The switching point itself is always precisely defined by a time and the percentage values of all the channels involved.

The light then interpolates between the points completely automatically.

It is therefore sufficient to simply define corner points! If, for example, all channels are set to 70% at 21:00 and all channels are set to 0% at 22:00, the light is gradually dimmed down to 0%.



We have taken great care with the luminaire, the software and the associated descriptions. Despite the greatest care and all kinds of technical technical assistance Our products are made by people.

Therefore, errors cannot be ruled out. We welcome constructive criticism and suggestions. If you have any questions, please contact our customer service:

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