

# **Manual for the JMB Aqua Light Multi Controller.**

**Fully programmable LED controller with 8 independently configured channels via PC incl. CD-Rom**

On the computer, you can easily create one or more programs using the CD-ROM, customize the schedule, and download the desired program via the USB cable or WIFI to the JMB Aqua Light Multi Controller.

In addition to editing program mode, you can also synchronize the controller's setup time with the computer (by clock synchronization function).

The effect of the schedule that you set on the computer can be viewed with the function "quick view".

Since there is no "Remove" feature in the computer program, after you delete, the space for displaying the name will remain blank.

With this controller it is possible to change the light effect of the connected LEDs on one or more channels (up to 8) over a 24-hour time frame (per channel adjustable). This makes this controller very suitable for multifunctional use in aquarium and terrarium lighting.

All dimmable LEDs from JMB Aqua Light can be connected to the open controller, with a maximum load of 180 watts per side (JMB Power LEDs and JMB SMD / RGB LEDs) divided between channels offered (JMB Power LEDs 3 channels, JMB SMD / RGB LEDs 5 channels).

**WARNING:**

Use a power supply that can charge you up to 75%.

**Create a program using the USB cable:**

Install the program with the supplied CD-Rom.

Connect the controller to the PC using the supplied USB cable.

Do not connect a power supply (supplies) to the controller.

The controller is powered by the USB cable.

1. Click on file and open NEW PROJECT.
2. Here you will see "My Type". Change this name to a file name of your choice and click SAVE.
3. Click in MODE LIST on NEW MODE and click SAVE.
4. You can now set the times of start and / or dimming of the channels / colors in the channel list by scrolling the cursor.
5. Click on FILE, enter the program name and click SAVE PROJECT.
6. Now click CONTROL and TIME SYNCH so that the correct time is taken by the controller.

7. Click CONTROL and then click LOAD. The written program is transferred to the controller.
8. Connect the cabling of the lighting to the controller.

Create a program using WIFI:

Install the program with the supplied CD-Rom.

Click on internet access and connect to JMB xxxxxxxx (number may differ).

The firewall may ask for permission, then click PERMIT.

1. Click on the top bar on CONTROL and open SEARCH NETWORK APPLIANCES.
2. Click Search and click on JMB-xxxxxxxx (number may differ).
3. Click the WIFI connection you want to use and click OK.
4. You are now connected to the controller.
5. Now follow steps 1 through 8 as described in USB programming.

#### **What to do with (WIFI) connection problems?**

- Verify that the FIREWALL is public.
- Temporarily disable FIREWALL.
- Do you have the internet cable in the PC?
- Remove the internet cable temporarily, Insert the internet cable and reconnect.
- Your virus scanner can disconnect, temporarily turn it off so you can get started with the program. Try connecting again to WIFI.
- If you do not succeed, try restarting your computer.