Video Controller Configuration

Update the firmware with the standard config:

> 💡 ***Before proceeding with an update of the Master Controller make sure that the Master Controller REALLY needs an update. - Do not update***

All Controller is preset at the factory and shall not be updated unless this condition:

▼ Not working properly anymore you can try to update the config once more if still not working put a label on it and send it back to the Factory.

▼ If require a specific mapping configuration that is nonstandard.

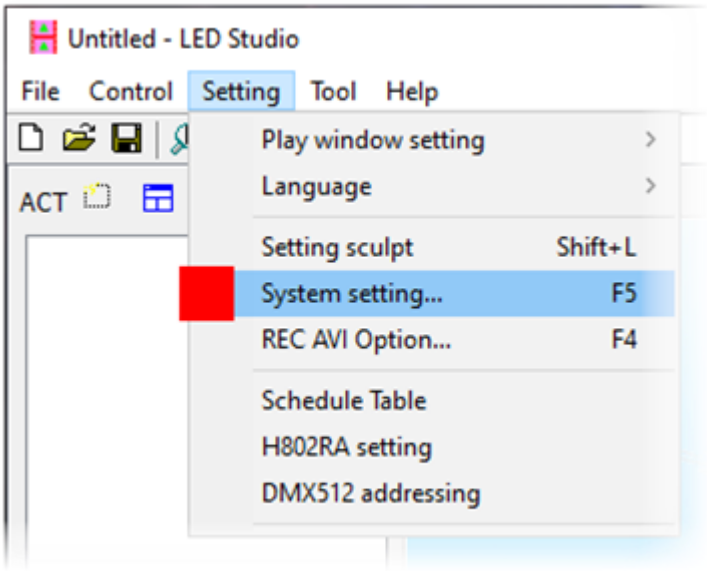
▼ Reusing an old Master Controller that was used for a previous version of Dragon O

Follow these steps:

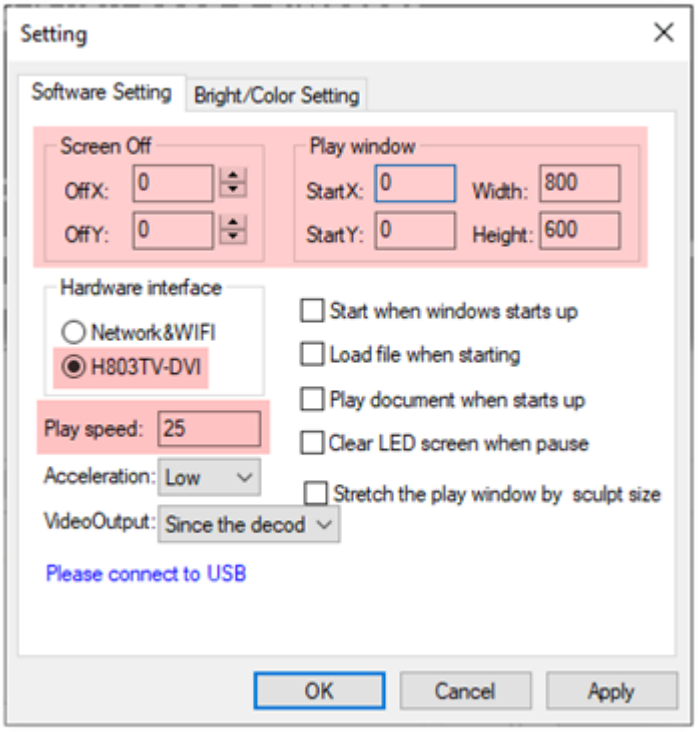
1. Install LEDStudio V4.51 or unpack the software, and download the link:

   https://drive.google.com/drive/folders/1pq9vul1KQ7f01B-6QH8iZ6yICrpRpNx5?usp=share_link

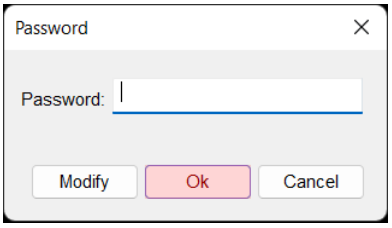
2. Power ON the Master Controller and plug it via the USB to the computer.
3. Open LEDStudio
4. Go to the task bar open « Setting » then « System setting... » :



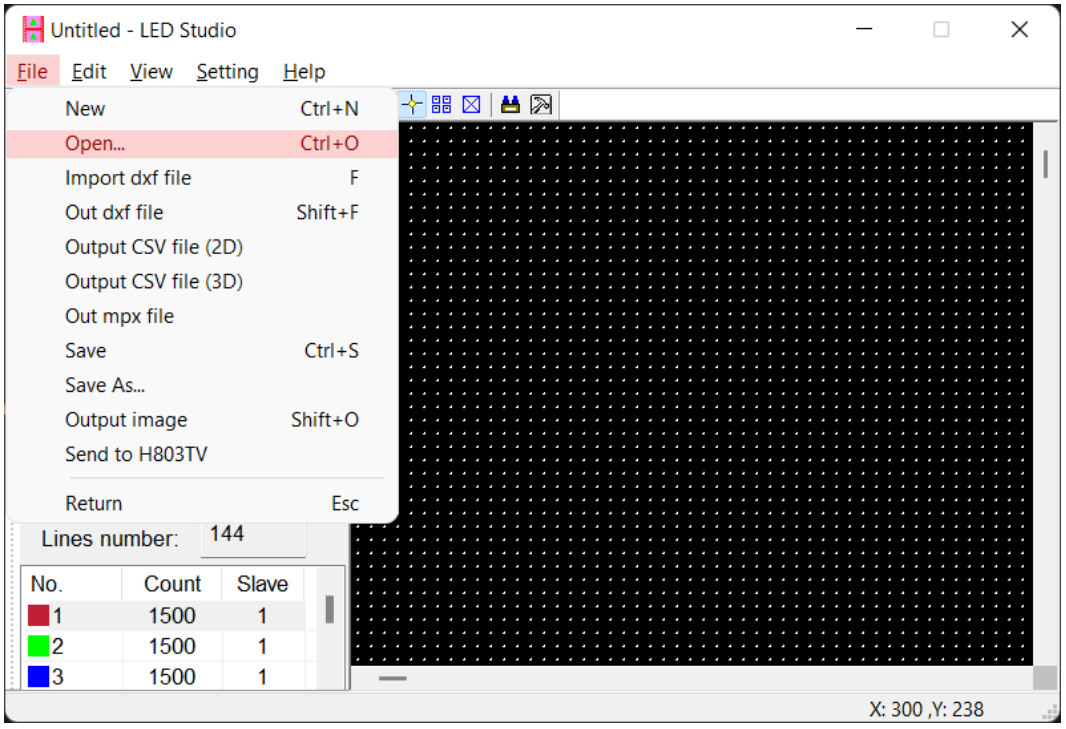
5. In « System Settings... » please follow the same instruction as marked in **RED** :



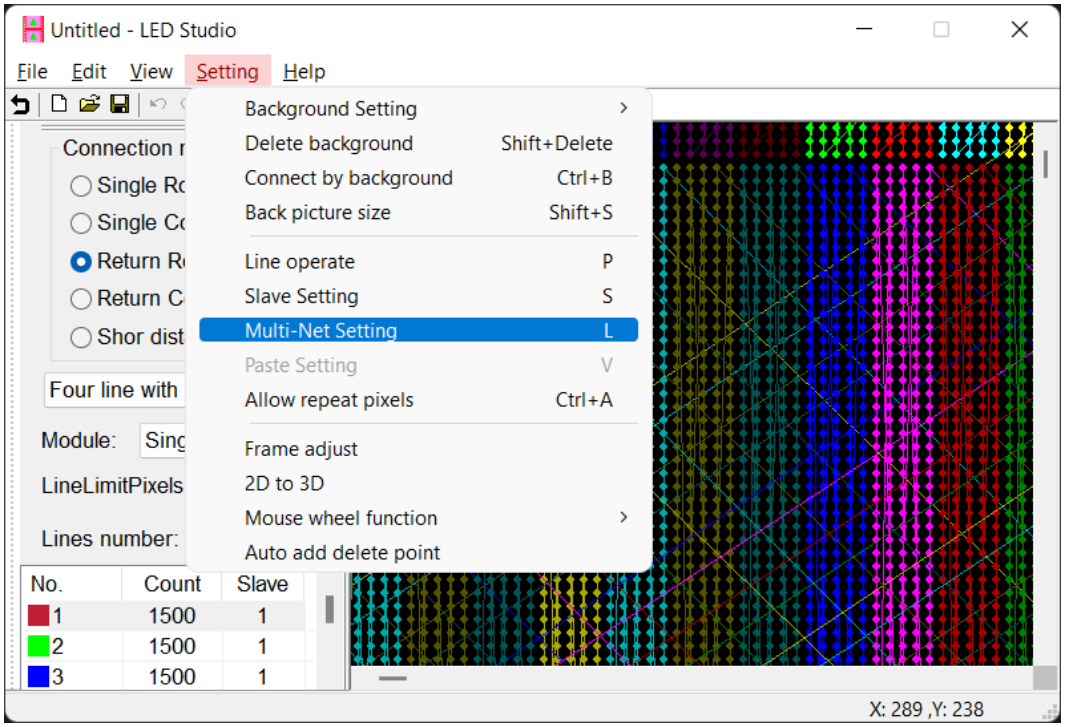
6. Click on "OK" then go to the following section, « Setting » then « Setting Sculpt »
7. When the « Password » window appears just click on "OK":



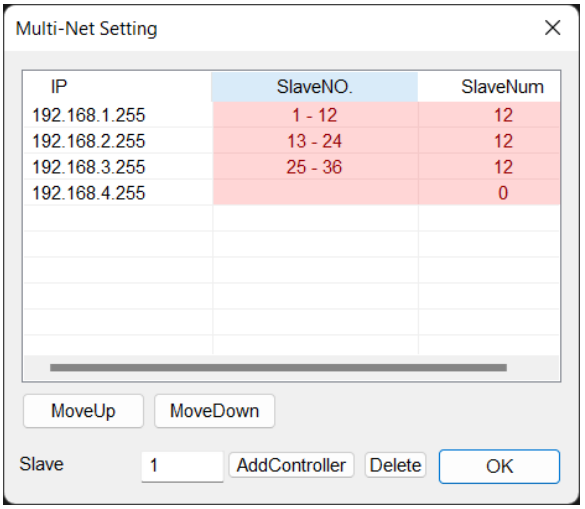
8. On the « Sculpt » window, open the configuration file associate with your required settings.



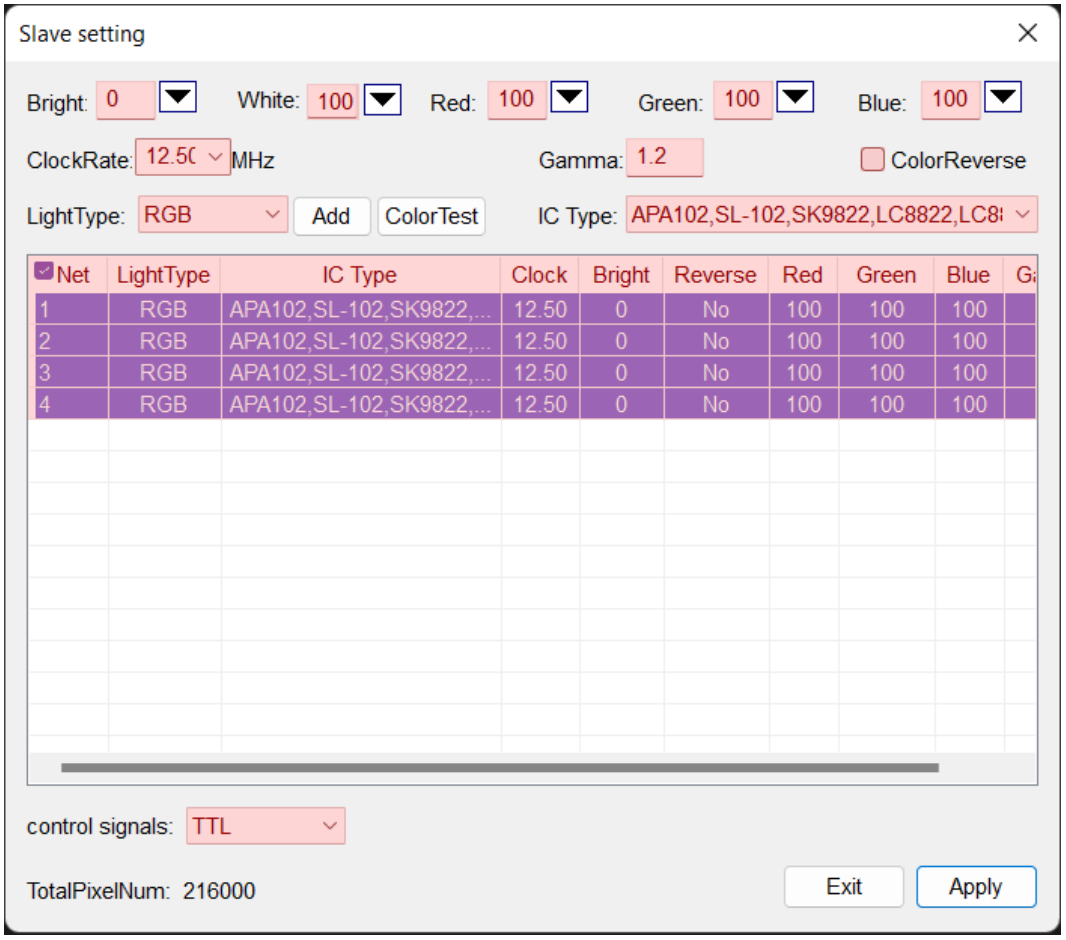
9. There are multiple types of configurations that are associated under the same link presented;
   The main that is commonly used across 90% of all installations is this one: « Dragon O² - 3 NET (3×12 Mod) - Standard.scu » for the latest version of Dragon Module
   « Dragon O - 3 NET (3×12 Mod) - Standard.scu » for the older version of Dragon
10. After the config file is open go under « Setting » then « Multi-Net Setting »



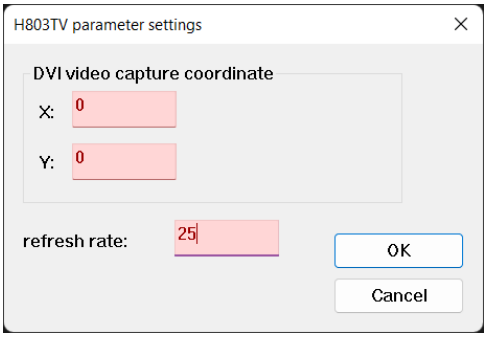
11. Make sure that all parameters match up the click on "OK":



12. Then under « Setting » then « Multi-Net Setting » make sure that all parameters match up:



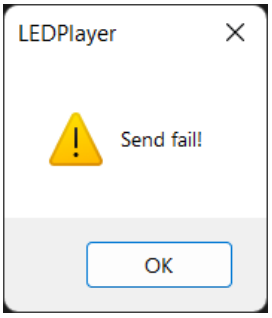
13. Then click on “Apply” and verify again that the same setting is set before uploading the configuration then click on “OK”:



14. Please verify these steps:

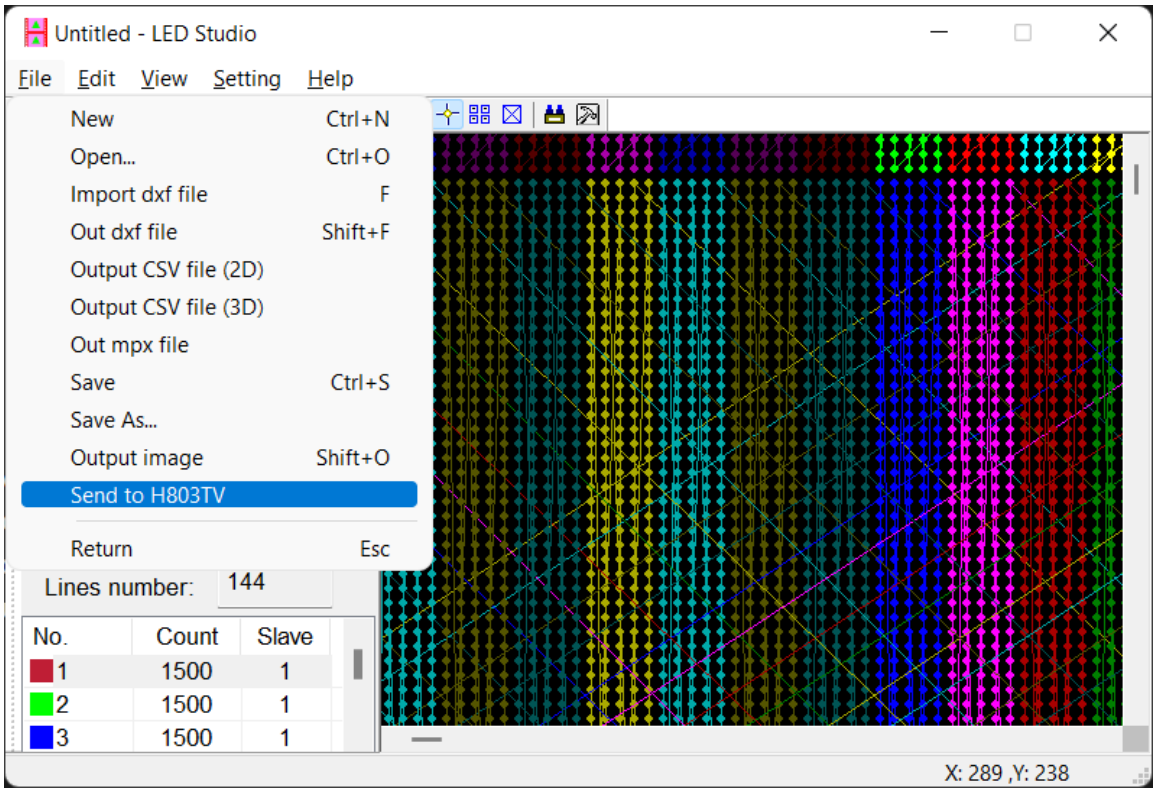
    a. If **FAILING** to upload the configuration toward the Master Controller you will receive this:
    In that case please verify again that the Master Controller is properly powered on and connected to the computer you might want to change the USB port to try again.

Try as well to close LEDStudio and relaunch it then redo all the procedures.

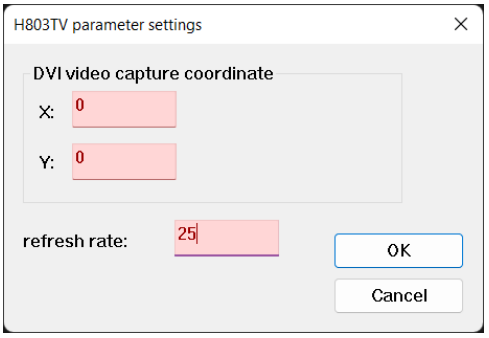


b. If SUCCESSFUL congratulate it means that you are almost there.

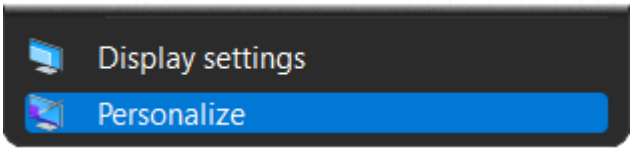
15. Let's head toward the last step before testing « File » and then « Send to H803TV »



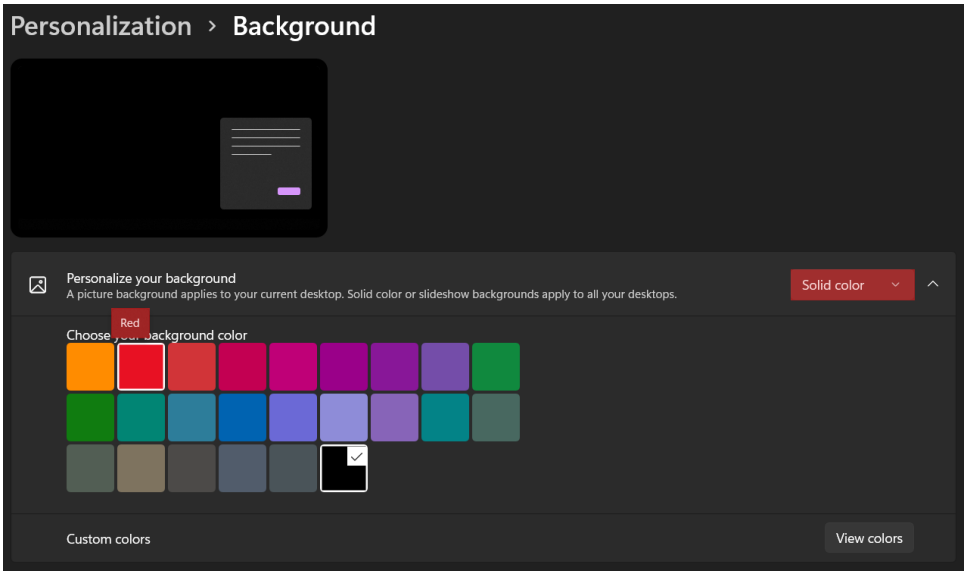
16. Again verify the parameters before clicking "OK", then again "OK" after the popup message:



17. If SUCCESSFUL send success message will appear; If **FAILING** refers back to point **14.a**.
18. Let's verify now that we are able to send out content by:
    a. Unplug then plug back the power of the Master Controller to reset it
    b. Plug the Master Controller into the HDMI / Display Port of your computer
    c. Make sure the Ethernet is connected to the Dragon O Modules
    d. Verify that the Windows Display settings are set correctly to
    e. You can easily check if the content is sent out by changing the wallpaper color of Windows:
    Right-click on your Desktop and select « Personalize »



    f. Change then for « Solid color » the select the color "**RED**":



g. All the LEDs Dragon O Modules should light up in full **RED**

h. If a problem occurs verify again all the connections between all the devices the LEDs on the Master Controller should be blinking for HDMI if the Video Cable is well transmitting and the LED on the NET Port Ethernet cable to the Dragon O should be blinking too:

SIDE NOTES:

If you want to use any other Master Controller configuration please ensure that the mapping in other software will match up with this other configuration. Since most of the mapping from every software is based on that Standard configuration.

Don't hesitate to contact support if any questions or problems.

1.4 GAMMA Value reflect the most the original color.