

WLED Setup & Control Guide

Your Light Painting is ready to shine.



1 Connect to Wi-Fi

1. Turn your artwork on.
2. On your phone, join **WLED-AP** (or the WLED network supplied with your artwork). Default password: **wled1234**.
3. Open the setup window. If it does not appear, visit <http://4.3.2.1> while connected to that network.
4. In **WiFi Setup**, select your home **2.4 GHz Wi-Fi**, enter its password and choose **Save & Connect**.
5. Reconnect your phone to the same home Wi-Fi before opening the app.

[Watch the quick video tutorial](#)

2 Install the WLED app

Download the free WLED app:

[iPhone / iOS - App Store](#)

[Android - Google Play](#)

Keep your phone and artwork on the **same home Wi-Fi**. Open the app and select your artwork. If it is missing, run device discovery and check the app's local-network permission.

The address **4.3.2.1** is for the initial WLED network; after setup, use the app to find your artwork.

3 Explore the controls

Colors - Change colours and brightness.

Effects - Try lighting animations.

Segments - Select the named areas you want to control.

Presets - Load saved lighting scenes.

Already mapped for your painting: each segment is named and positioned to match a specific illuminated area. You do not need to set up the hidden LED strip yourself.

4 Protect your original setup

I have prepared custom presets and mapped the LED segments for your artwork. Enjoy experimenting with **colours, brightness and effects**.

DO NOT DELETE OR OVERWRITE THE ORIGINAL PRESETS.

Save your own presets using a **new, unused preset ID**. Keep the original presets unchanged.

Keep the segment start/end positions and LED hardware settings unchanged. These connect the hidden LED strip to the correct areas of your painting.

To undo lighting experiments, select an original preset. It recalls its saved appearance and segment layout; it does not restore every controller setting.

If original presets or controller settings have been changed, contact me for help before making further setup changes.

5 Set your default preset

Choose which saved lighting scene starts when you turn on your artwork:

Settings > LED Preferences > Apply preset at boot

Enter your preferred preset ID and save. Choose an existing preset; keep the original segment mapping and hardware settings unchanged.

Ready to create?

Enjoy your new Light Painting and make its lighting your own. If you need help, I'm happy to assist.

[Contact the artist](#) | [Online instructions](#)