WLED SIGN

LIGHTED PROP

Quick Start Guide

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Support, firmware
and other help
viperdynamics.llc/support
ENCOM · custom signs · crystals · snail

1 · POWER ON

Plug any standard 5V USB-C charger, computer, or power bank into the USB-C port. The LEDs light within a few seconds. Cable and wall adapter are not included unless your order said so. This card covers every Viper Dynamics sign and lighted prop that runs WLED.

2 · GET THE WLED APP

iPhone (iOS)

1. Open the App Store.
2. Search WLED and install it.
3. WLED Native is also fine.
4. Open the app after the sign is on Wi-Fi.

Android

1. Open Google Play.
2. Search WLED and install it.
3. Publisher: Aircoookie / WLED.
4. Open the app after the sign is on Wi-Fi.

No app required: any phone or computer browser works. The app is just the easiest way to find the sign later.

3 · FIRST-TIME WI-FI (join the sign, then your home network)

On first power-up (or after a factory reset) the sign creates its own Wi-Fi. Connect the phone to that hotspot — not your home network yet.

Hotspot name: `WLED-AP` *(sometimes WLED-XXXXXX)*
Password: `wled1234`

iPhone (iOS)

1. Settings → Wi-Fi → WLED-AP → wled1234.
2. If iOS warns “No Internet”, tap Stay Connected.
3. Safari → http://4.3.2.1 (or wled.me).
4. If the page is blank, try http://192.168.4.1

Android

1. Settings → Network & Internet → Wi-Fi.
2. Tap WLED-AP → password wled1234.
3. “No internet” → Yes / Use this network as-is.
4. Chrome → http://4.3.2.1 — then WiFi Setup.

4 · JOIN YOUR HOME WI-FI

On the WLED page tap Config (gear) → WiFi Setup. Enter your 2.4 GHz network name and password (case-sensitive). Optional: set the mDNS name to something you will remember (wled-sign). Tap Save & Connect. The hotspot disappears. Rejoin your home Wi-Fi, then open the WLED app — the sign should appear.

After Save & Connect:
Phone back on home Wi-Fi. App discovers the sign, or browse http://wled.local / http://wled-sign.local

5 · CONTROL THE SIGN

COLOR
Color wheel and brightness on the main screen. Solid color is the default look.

EFFECTS
FX list: fade, rainbow, chase, fire, and more. Palettes change the colors used.

PRESETS
Save a look you like. Name it. One tap brings that look back.

TIMERS
Config → Time: on/off schedule and night brightness.

Leave LED Preferences alone. LED count, data pin, and type are already set for this sign. Changing them can blank the lights.

6 · LATER ACCESS & QUICK FIXES

Open it anytime

- WLED app on the same Wi-Fi as the sign
- http://wled.local (or the mDNS you set)
- Home Assistant: add the WLED integration

If something goes wrong

- No hotspot: power-cycle and wait 20 s
- Won’t join home Wi-Fi: must be 2.4 GHz
- Start over: Config → Security → Factory Reset

WHAT’S IN THE BOX Assembled WLED sign or lighted prop · any 5V USB-C supply · free WLED app

Support: scan the QR · viperdynamics.llc/support

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2.4 GHz Wi-Fi required · 5V USB-C power only · Do not change LED Preferences · Settings persist across power cycles