

Welcome to KelpieLite

KelpieLite is a small decoy and Wi-Fi watchdog for your home. It hides among your smart devices and tells your phone when something on your network misbehaves. Setup takes about 5 minutes and needs no tools or technical knowledge.

In the box

- Your KelpieLite
- A USB cable

You will need

- A phone or computer with Wi-Fi and a web browser
- Your home Wi-Fi name and password
- A USB phone charger (5 V, 1 A or more)
- A spot near the middle of your home

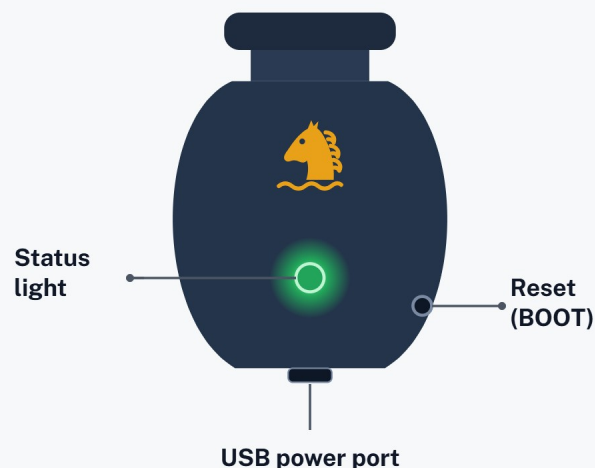


Illustration. Your case may look different.

SETUP AT A GLANCE

- 1** Place and plug in
- 2** Join the setup hotspot
- 3** Fill in the setup page
- 4** Note the address
- 5** Open the dashboard
- 6** Let it learn

WHAT THE STATUS LIGHT MEANS

- | | | |
|---|---------------------------|--|
|  | Purple, slow pulse | Ready to be set up (first start, or it cannot reach your Wi-Fi). |
|  | Blue, steady | Connecting to your Wi-Fi. |
|  | Green | All calm. KelpieLite is watching. |
|  | Yellow to orange | Something is probing your network. Have a look at the dashboard. |
|  | Red, breathing | Under attack. Open the dashboard now. |
|  | Off | No power, or the light is turned off in Settings. |

After an alert, the light fades back to green by itself over about an hour.

Step-by-step setup

1 Place it and plug it in

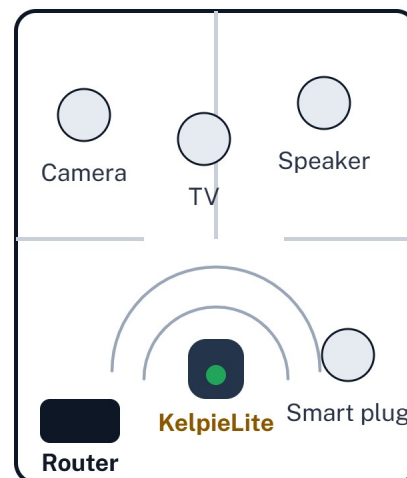
About 1 minute

Choose a spot near the middle of your home, within reach of your Wi-Fi and close to your smart devices. Keep it in the open: metal cabinets, the back of a TV and microwaves weaken Wi-Fi.

Plug the cable into KelpieLite and into a USB phone charger, then plug the charger into the wall.

Look for the purple glow. After a few seconds the light pulses purple. That means KelpieLite is ready to be set up.

Tip: Any phone charger works. A computer USB port also works, but the computer must stay on.



✓ Open shelf, central spot

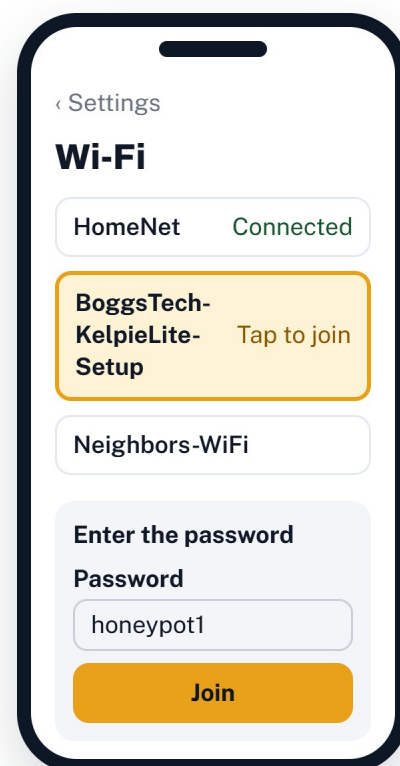
✗ Metal cabinet, behind a TV

2 Join the setup hotspot

About 1 minute

1. On your phone, open **Settings** and then **Wi-Fi**.
2. Tap the network called **BoggsTech-KelpieLite-Setup**.
3. Enter the password **honeypot1** and tap **Join**.
4. If your phone warns that this network has no internet, choose to stay connected. This hotspot is only used for setup.

Can't see it? Check the light is pulsing purple, stand close to KelpieLite and refresh the Wi-Fi list.



Step-by-step setup, continued

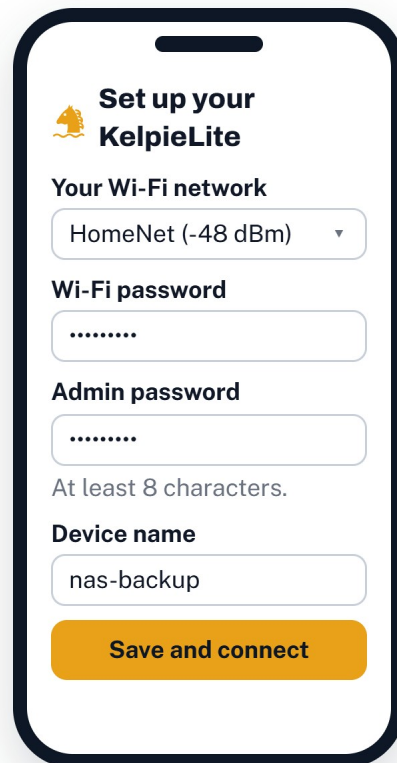
3 Fill in the setup page

About 2 minutes

The setup page usually opens by itself. If it doesn't, open your web browser and go to **192.168.4.1**.

1. **Your Wi-Fi network:** pick your home network from the list.
2. **Wi-Fi password:** your home Wi-Fi password.
3. **Admin password:** make up a new one, at least 8 characters. Write it down.
4. **Device name:** keep the suggestion. A dull name makes better bait.
5. Tap **Save and connect**.

Good to know: KelpieLite uses 2.4 GHz Wi-Fi. Most routers and mesh systems provide it automatically.



4 Note your dashboard address

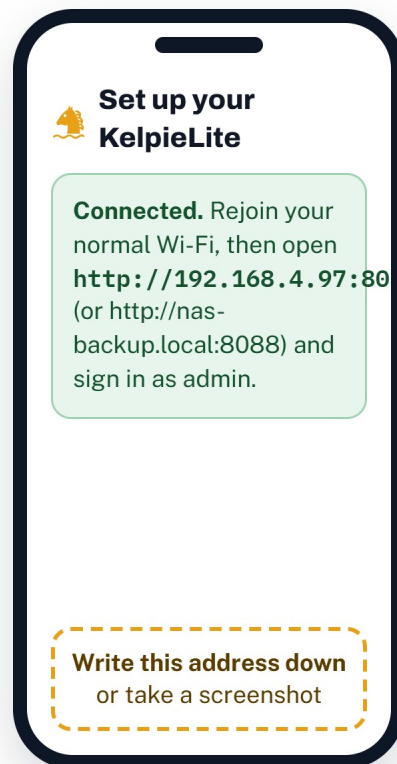
Under 1 minute

After a few seconds the page says **Connected** and shows your dashboard address, for example **http://192.168.4.97:8088**.

Write it down or take a screenshot. You will need it in the next step.

KelpieLite then restarts: the light turns blue while it connects, then green. The setup hotspot disappears, so reconnect your phone to your normal Wi-Fi.

"Could not join that network"? The Wi-Fi password was wrong. Check it and tap Save and connect again.



Step-by-step setup, continued

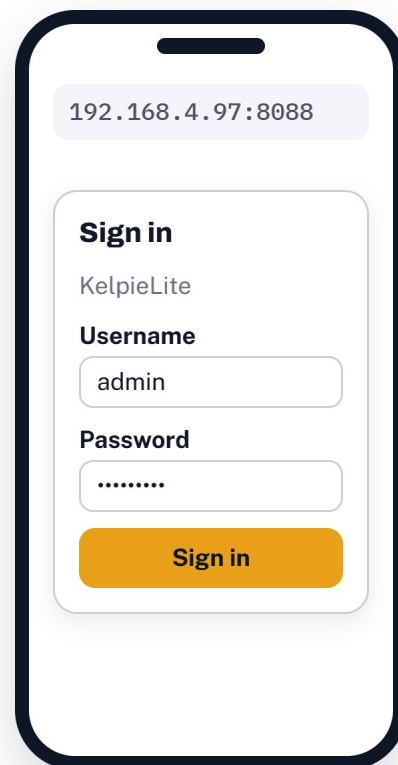
5 Open the dashboard

About 1 minute

1. Make sure your phone or computer is on your home Wi-Fi.
2. Open the address from step 4 in your web browser.
3. Sign in with the user name **admin** and your admin password.
4. Add the page to your home screen or bookmarks.

Lost the address? Find your device name in your router's app, which lists each device's address. Or try

`http://nas-backup.local:8088` with your device name.



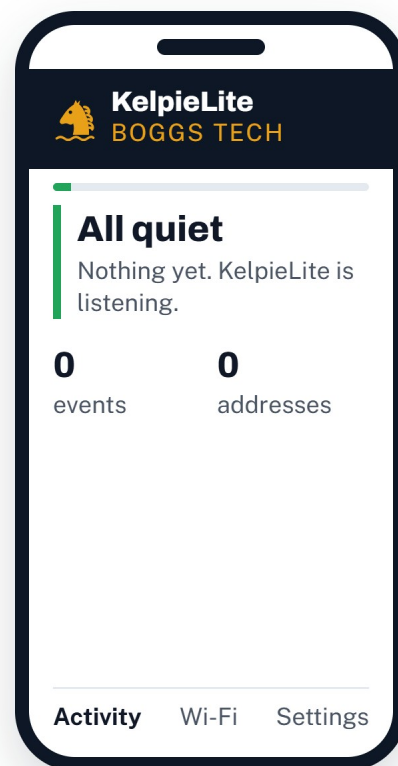
6 Let it learn your home

10 minutes, automatic

For the first 10 minutes, KelpieLite quietly learns which devices and access points are yours. It then learns how each device normally behaves, which takes about 10 more minutes of that device being active.

Mesh Wi-Fi system? Open the **Wi-Fi** tab. Your own mesh units may say "probably your mesh". Tap **This is mine** on each one.

You're protected. A green light and "All quiet" mean everything is working. Next, set up alerts on page 5.



Get alerts on your phone

Pick one or more ways to be told when something happens. Everything is in the dashboard under **Settings › Notifications**.

Discord

Recommended

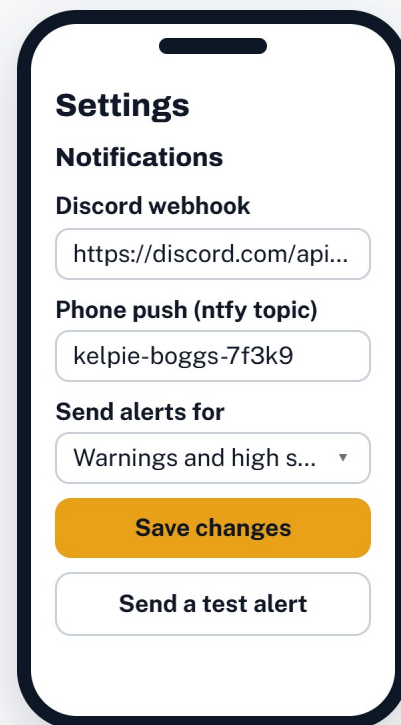
1. In Discord, open a server you own, then **Server Settings › Integrations › Webhooks**.
2. Tap **New Webhook**, pick a channel, then **Copy Webhook URL**.
3. Paste it into **Discord webhook** in KelpieLite's Settings.

Phone push

Free, ntfy app

1. Install the free ntfy app on your phone.
2. Subscribe to a topic name nobody could guess, such as `kelpie-boggs-7f3k9`.
3. Type the same name into **Phone push notifications (ntfy topic)**.

Anyone who knows the topic name can read it, so keep it hard to guess.



The screenshot shows the 'Settings' screen with the 'Notifications' section active. It displays the 'Discord webhook' field with a URL, the 'Phone push (ntfy topic)' field with the topic name 'kelpie-boggs-7f3k9', and the 'Send alerts for' dropdown menu set to 'Warnings and high s...'. There are two buttons at the bottom: 'Save changes' (orange) and 'Send a test alert' (white with a black border).

Text messages

Twilio account

Needs a Twilio account (paid per message). Enter your account SID, auth token, your Twilio number and your own number, starting with +1. Texts are sent for high-severity alerts only.

Daily summary

To Discord

Under **Daily summary**, turn it on, choose the time and your time zone. A report of the last 24 hours then arrives in Discord every day.

Always finish with: Save changes, then Send a test alert (and Send a test summary now). If the test arrives, you're done.

Send alerts for chooses how serious an event must be before you are told. **Wait between alerts** stops one busy attacker from flooding your phone.

Using KelpieLite every day

THE DASHBOARD AT A GLANCE

Activity	What is happening now, the last hour, and every event. Tap an address to see only its events.
Wi-Fi	Devices on your Wi-Fi, nearby access points, and the Locate tool for finding an unknown one.
Sources	Every address that touched the decoys, most recent first.
Patterns	The user names, passwords and commands attackers tried.
Settings	Alerts, Wi-Fi protection, the status light, the daily summary and your password.

WHEN AN ALERT ARRIVES

- Info** Nothing to do. KelpieLite is keeping a record.
- Warning** Have a look. If it is your own device doing something new (a new laptop, a network-scanning app), add its address to **Trusted devices**.
- High**
1. Open the dashboard and note the address in the alert.
 2. Find that address in your router's app to see which device it is.
 3. Don't recognize it? Disconnect or block it in your router's app.
 4. If it is your own gadget, reset it to factory settings, change its password and install its updates.
 5. For Wi-Fi attacks (deauth, evil twin): change your Wi-Fi password, and turn on WPA3 if your router offers it.

GOOD HABITS

- Keep your smart devices and router up to date.
- Give every device its own strong password; never keep the default one.
- Never set up port forwarding to KelpieLite. It is meant to stay inside your home network.

Troubleshooting

IF THIS HAPPENS	DO THIS
The light never comes on.	Check the charger and cable, or try another charger. Once set up, the light may be turned off: see Settings › Status light.
No purple light, no setup hotspot.	It already has settings. If it can't reach your Wi-Fi it returns to setup (purple) within about 30 seconds. To start over, do a factory reset.
The setup page doesn't open.	Open your browser and go to 192.168.4.1 . Turning off mobile data while you set up also helps.
"Could not join that network".	The Wi-Fi password was wrong, or KelpieLite is too far from your router. Check both and try again.
The dashboard won't open.	Your phone must be on your home Wi-Fi, not the setup hotspot or mobile data. Include :8088 at the end of the address.
Forgot the admin password.	Do a factory reset (below), then set it up again.
Purple light days later.	It can't reach your Wi-Fi (a new router or Wi-Fi password). It retries every 5 minutes; if the name or password changed, set it up again.
No alerts arrive.	In Settings, tap Send a test alert . Check the webhook or topic, and the Send alerts for level.
"Evil twin" about my own mesh unit.	Check it as on page 4, then tap This is mine .
Wi-Fi problems after setup.	In Settings, turn off Watch my Wi-Fi for attacks and save.

FACTORY RESET

1. Make sure KelpieLite has been running for at least half a minute.
2. Press and hold the **BOOT** button for 3 seconds, then let go.
3. Settings and Wi-Fi are erased, and the light pulses purple. Start again at step 2.

You can also do this from the dashboard: Settings › **Erase settings and Wi-Fi**.

SAFETY AND SUPPORT

- Indoor use only. Keep it dry and away from heat.
- Power it only from a USB charger or computer port.
- Help and updates: boggstch.com