

# K60 Quick Start Guide

This Quick Start Guide does not replace the [K60 User Guide](#). Please see that publication for full setup and installation details.

**Important:** Log into the K60 WebUI using **https://**.

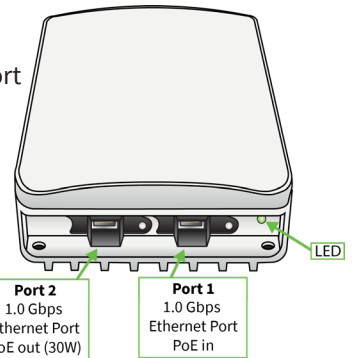
**1 Supply power to K60 Port 1 via the PoE injector.** Connect the Harting PushPull plug into Port 1 of the K60. Connect the RJ45 end of the cable to the PoE port on the injector. Connect the LAN port to an Internet-connected PC or switch. Power up the PoE injector.

**2 Access the K60 WebUI.**

- a. Configure the Ethernet settings of your PC to use a static IP address in the 169.254.x.x IP address range, with a subnet mask of 255.255.0.0.
- b. In a web browser, type **https://<ip\_address>**, where **<IP\_address>** is the IP address included on the K60 label.

**Note:** You **must** include the **https://**. If you include only the IP address and not **https://**, or if you use **http://** rather than **https://**, your browser will not connect to the radio.

- c. Click the **Advanced** button and **Proceed to the site**. The K60 WebUI opens to the **Status** tab.



**3 Log into the K60.** Click **login**.

The default password is **kwikbit**.

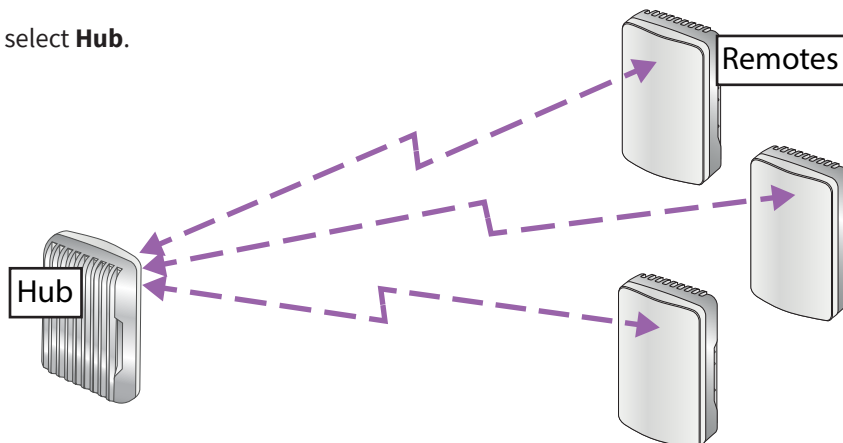
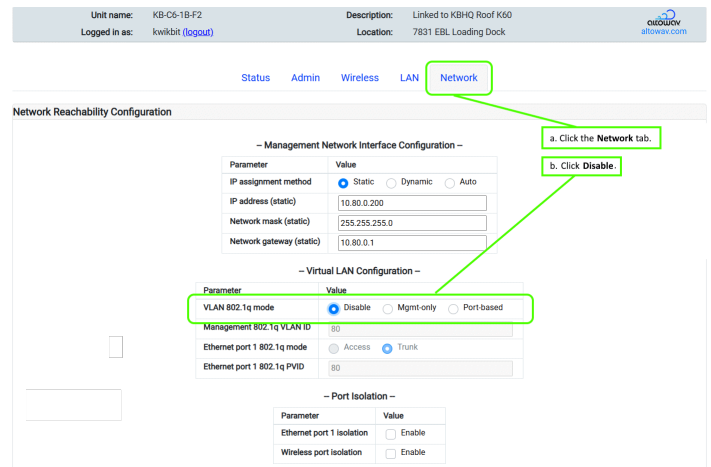
**4 Disable VLANs.** If the K60 is not being used in the context of an ISP that is using VLAN 100, you should disable VLANs:

- a. Click the **Network** tab.
- b. For **VLAN 802.1q mode**, click **Disable**.

You can re-enable VLANs at any time.

**5 Configure the role of the radio.** By default, K60s are configured to have the **Remote** role. Change this to **Hub** as needed:

- a. Click the **Wireless** tab.
- b. For **Device role**, select **Hub**.



## Installation

- 1 Scan range is 90° horizontally (that is, ±45° from center line) and 30° vertically (±15° from center line). Orient each device to face towards other devices with which it will connect. Exact orientation or levelling is not necessary. RJ45 ports must face down.
- 2 Use Harting PushPull connectors, available from Altowav and from many electronics suppliers. These connectors are weatherproof and do not require a cable gland. If an ordinary non-weatherproof RJ45 connector is used temporarily (for example, for testing or maintenance), break off the tab for ease of removal.
- 3 Use category 5e or category 6 cable.
- 4 Supply power using an 802.3at, 802.3at+, or 802.3bt compliant power over Ethernet (PoE) injector or switch. Some PoE injectors on the market today are not fully Category 6 compliant and can cause packet loss. As a workaround, provide power through a port not used for high-speed data. Contact Altowav for an updated list of PoE injectors and PoE switches that work well at high speeds.
- 5 Connect a ground wire to the ground screw on the rear heatsink.

## Status LEDs

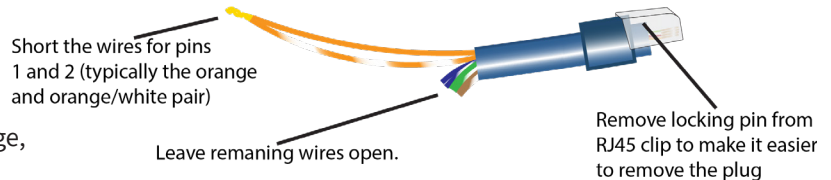
Status LEDs can be used to confirm the installation and for troubleshooting:

●	Solid Green	Unit is operating as a hub or a root hub.
● ○	Continuously flashing green	Unit does not have an RF connection to another radio. Applies to both hubs/root hubs and remotes..
● ● ● ● ● ● ○ ● ● ● ● ● ● ○	Flashing green in groups	Unit is a remote and is connected to a hub. Number of flashes per group indicates relative signal quality, 1=marginal, 5=best.
● ●	Alternating red and green	Unit is in “locate” mode or is performing a factory reset.
	Other patterns	Other patterns may occur at startup during the first minute after power is applied.

## Factory reset

Reset to factory defaults if the password is lost or network settings are inadvertently set to unworkable values. To make a reset plug, twist the wires for pins 1 and 2 together on an RJ-45 (for T568B, the white/orange, orange pair). Break off the clip to make a reset plug.

Install the reset plug in the port furthest from the LED (Port 2, as indicated in the image on the previous page). Cycle the power. Allow two minutes for the factory reset to take place before removing the reset plug. Once the reset plug is removed, it will take up to one minute for the device to resume normal operation.



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[https://www.altowav.com/technology/assets/pdf/K60\\_User\\_Guide.pdf](https://www.altowav.com/technology/assets/pdf/K60_User_Guide.pdf)

## Technical support

Altowav is committed to providing our customers with high quality technical support. Contact us at:

✉ [support@altowav.com](mailto:support@altowav.com)

🌐 [support.altowav.com](http://support.altowav.com)