

Heltec WiFi LoRa 32 Expansion Kit Setup



The image shows a Heltec WiFi LoRa 32 Expansion Kit with a touchscreen display. The screen displays a user interface with icons for Messages, Neighbors, Location, Contacts, Settings, and Command. Below the screen is a Blackout Comms logo and an Altware Development logo. To the right, there are two callout boxes listing features and benefits.


- Simple, Private, Local Messaging & Tracking
- Always Encrypted
- Fully Compatible with T-Deck, LoRa Pager, Altware Devices, & more

Off-Grid

- Off-Grid - NO PHONE / APP
- Always encrypted
- Anti-Jamming

 You can get it *already assembled & fully set-up* at: <https://chatters.io/buy>

Components You Need



Heltec Exp Kit	Make sure you get Touchscreen & GPS. <i>If you purchase from Altware, all setup is done and you can skip this.</i>	Amazon Altware
Screws	M2 x 28mm M2 x 10mm	Amazon Amazon
Nuts	M2 Nuts	Amazon
Enclosure	Buy or 3D Print	Altware Etsy Printables

↓ 1. Flash the Heltec (Install Blackout Comms)

Go to the [Blackout Comms website](#) for easy setup instructions & a demo.

Basically you just connect the Heltec to your PC and click “install” on the Blackout Comms website.



2. Insert Buttons into the Enclosure Front



3. Push the Heltec into the Enclosure Front



4. Attach Clip to Enclosure Back (Optional)



5. Attach the Enclosure Back



6. Add it to Your Private Cluster

This is really easy. If this is your first Blackout Comms device, it will walk you through creating a cluster in about 30 seconds.

If you already have a cluster, you'll just onboard this new device to your current cluster.



Visit the [Blackout Comms website](https://www.blackoutcomms.com) for easy setup instructions & demo.

