

PhryktorNET

Join the Colorado mesh · beginner setup guide · version 1.0

START SMALL · HELP THE COMMUNITY

Grow the Phryktor mesh

A MeshCore radio lets your phone exchange short messages over LoRa without mobile data. Start with one companion radio. Add a repeater or an observer when you are ready.

[MeshCore for Android](#)

[MeshCore for iPhone](#)

[Official firmware flasher](#)

Join #phryktor



Connect your companion radio, then scan this code with the MeshCore app to add the room.

[Add room in MeshCore](#)

[Download QR image](#)

[Print-quality SVG](#)

On the same phone? Tap **Add room in MeshCore**. If your camera does not open the app, use its channel QR scanner. You can also add the hashtag #phryktor manually.

This is a public hashtag room. Adding it does not change your radio settings or share your location.

Choose your first radio

Budget: Heltec WiFi LoRa 32 V3

Best if you are comfortable assembling a board, antenna, battery and case. Buy the US-compatible 915 MHz version and the correct antenna. A board alone is not a weatherproof outdoor node.

[Manufacturer specification & buying options](#)

Ready handheld: ThinkNode M1

An enclosed nRF52840 handheld with battery and antenna. Confirm the exact hardware is supported in the MeshCore flasher. Some units arrive with Meshtastic firmware; they need matching MeshCore companion firmware to join this mesh.

[Manufacturer instructions](#)

Solar: Sseed MeshCore starter kit

A ready companion plus a solar repeater is a simpler outdoor starting point. Check the regional radio variant, mounting, sun exposure and local network settings before ordering.

[Manufacturer kit](#) · [Solar setup guide](#)

The minimum to get started

1. **Get a supported companion radio, matching antenna, USB data cable and power.** A Bluetooth companion and a phone running MeshCore are enough to begin.
2. **Attach the antenna before powering the radio.** Choose the firmware for your exact board and Companion Bluetooth role in the official flasher. Follow the board's flashing instructions.
3. **Install MeshCore and pair your radio.** Set a short name. Check the local Colorado community's current frequency, bandwidth, spreading factor and coding rate; every radio must match. Do not guess these values.
4. **Choose your privacy settings.** Sharing an advert can share your selected name and location. Turn location advertising off if you want to keep your home or receiver private.
5. **Join the public room #phryktor.** Use the app's hashtag channel option. The network page shows messages actually heard by this system; silence does not prove nobody received your message.
6. **Send one short introduction and let the network settle.** Avoid repeated flood adverts and rapid messages. Receive first; use a test room for testing.

What each role does

Companion: connects your phone to the radio. **Repeater:** forwards compatible mesh traffic; good height, power and antenna placement matter more than frequent advertisements. **Observer:** listens and records packets for a map; it is not a repeater or a guarantee of delivery.

Ways to support the mesh

Help a neighbor set up a companion, place a well-powered repeater where it improves coverage, keep batteries and solar panels maintained, and contribute a receive-only observer. Obtain permission for mounting and do not publish other people's private conversations or precise home locations.

PhryktorCore for Android

The PhryktorCore APK has not been supplied yet. The official MeshCore app is available above.

[Official MeshCore project](#) · [Firmware & supported hardware](#)