Meshtastic



Name	Meshtastic
Description	Meshtastic is a project that enables you to use inexpensive LoRa radios as a long range off-grid communication platform in areas without existing or reliable communications infrastructure. This project is 100% community driven and open source.
Status	Running
Contact	orimpe virii
Participants	orimpe virii xbr
Repository	

How it works

Here I document experiences and channel information about the nodes we use in Luxembourg.

Meshtastic

Mestastic utilizes LoRa, a long-range radio protocol, which is widely accessible in most regions without the need for additional licenses or certifications, unlike ham radio operations.

These radios are designed to rebroadcast messages they receive, forming a mesh network. This setup ensures that every group member, including those at the furthest distance, can receive messages.

Additionally, Meshtastic radios can be paired with a single phone, allowing friends and family to send messages directly to your specific radio. It's important to note that each device is capable of supporting a connection from only one user at a time.

Meshtastic C3l Channel

This is our intern Meshtastic Channel.
https://meshtastic.org/e/#CgMSAQEKKxIguT-4he7sSztgR8vNdjNHqL2aa1PeTQCl7IcUknvF7dIaB0MzTG1lc2gSCggBOANAA0gBUBs

Custom Ringtones

There are a few devices out there that support the use of RTTTL ringtones.

- SEEED T1000E
- LilyGo T-Deck

Most any node with a buzzer should support custom ringtone configuration as well, but your mileage may vary. more information here

Notes

Seeedstudio T1000-E

- Power ON: Press the button once, wait for 5s until the buzzer sounds. If no response, connect the charging cable to chage the battery.
- Force Reset: Press and hold the button and attach thttps://github.com/SpudGunMan/meshing-aroundhe magnetic charging connector to device for once, then the device will reboot.

Och informativ

- Meshcore Projekt Säit https://meshcore.co.uk
- Meshtastic gudd erklärt vun Meshhessen https://meshhessen.de/
- Meshcore gudd erklärt https://meshcore-de.net/
- Reticulum als Multitalenthttps://reticulum.network/
- https://meshtastic.org/docs/getting-started/flashing-firmware/nrf52/ota/
- https://github.com/SpudGunMan/meshing-around

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https://wiki.c3l.lu/doku.php?id=projects:meshnet:meshtastic&rev=1764700916

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