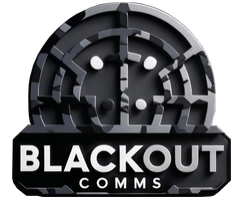




Blackout Comms: Altware Link



This link extends the range and capability of your cluster. The Altware Link is suitable to work as either a mobile link or a base station link. This link is designed to work well with certain bi-directional amps, if you decide you need more power.

Links are designed to run 24x7, utilizing very little power. For best results, leave it running in a location with good line-of-sight relative to where your other devices will be used.



Battery Life

The included LiPo rechargeable battery should last roughly 2-3 days on a single charge, depending on usage.

Every couple of years, the battery of the realtime clock will need to be changed. It is a CR1220, and can be accessed by removing the bolts from the enclosure.



Time

Accurate time is critical to your cluster. To other devices that don't have a realtime clock (T-Deck+, Lilygo Pager, etc), this link automatically functions as a time server.

This link will automatically broadcast time to your cluster. It will only adjust its own time from root pings, GPS, or if you press the time sync button.

Onboarding

- When the link's light is flashing *purple*, it is waiting to be onboarded.
- Ensure no other in-range devices are actively waiting to be onboarded.
- On your root communicator, choose Settings / Cluster / Onboard Device
- After a few minutes, the link should reset automatically and be flashing green.

Factory Resetting

- A factory reset is required if you want to change the link to a different cluster
- Press and hold the factory reset button
- Power on or reset the link while holding the factory reset button for 10 seconds
- The link will completely wipe the data from storage and reset after 20-30 seconds, flashing purple (ready to onboard)

FCC Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment has been tested and meets applicable limits for radio frequency (RF) exposure.