Blackout Comms Message Types
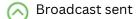
	🗨️ Direct Message	📣 Broadcast
Characteristics	• For sending to a single person • Happens automatically if you select a specific person/device when sending a message • Use DM in all cases possible • Highest delivery success • Uses smart mesh path planning to route message	• For sending to as many people as possible • Happens automatically when you choose [All Devices] when sending • Only use when necessary • No delivery guarantees • Can tie up bandwidth if many are sent in a short time
Confirmations You Receive	⌃ Broadcast sent ✅ 1+ device(s) has accepted your message and will re-broadcast until expired	⌃ DM sent directly (no mesh) ⋯ DM queued for mesh send ⌃ DM accepted into mesh ✅ Confirmation received directly ✔️ Confirmation received via mesh
Expiration	Adjustable 5 minutes to 24 hours.	Adjustable 5 minutes to 2 hours.
Delivery Method	Devices in your cluster will cooperate to deliver your message ASAP, until message delivery is confirmed or expiration. 🎯 Packets are sent in a targeted & opportunistic way, rather than blindly repeating.	Your device will broadcast immediately and continue at random intervals until expiry is reached. 🦜 Any device receiving the message, will re-broadcast within 60 seconds, and then continue re-broadcasting at random 5-10 minute intervals until expiry is reached.
Security	• Asymmetrically encrypted between sender & recipient • Digitally signed by sender (ECDSA) • Transmission broken/striped across unpredictable frequencies known only to sender/recipient	• Symmetrically encrypted using cluster's secret keys • Digitally signed by original sender (ECDSA) • Transmissions (including rebroadcasts) happen entirely on the cluster's current frequency