

GLOHE

Analog vs DMR vs PoC

A practical two-way radio selection guide for business operations

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How to Choose a Two-Way Radio System

Choose analog for simple local communication, DMR for digital clarity and scalable talk groups, or PoC for wide-area push-to-talk over cellular networks. The final decision depends on coverage, infrastructure, users and local regulations.

Five Questions to Define the Project

- Where will users work: one building, a large site, vehicles or multiple cities?
- How many users and talk groups are required?
- Is cellular coverage available and acceptable for the application?
- Which local frequency, licensing and certification rules apply?
- What accessories, battery runtime and dispatch functions are essential?

Always validate coverage and user experience in the real operating environment before a full rollout.

Analog vs DMR vs PoC

Technology	Best fit
Analog	Simple local voice communication with familiar operation.
DMR	Digital clarity, efficient channel use and scalable talk groups.
PoC	Wide-area communication over cellular data networks.
Dual band / amateur	Flexible frequency use where regulations and user authorization allow.
Repeater-assisted	Sites where buildings, terrain or distance create coverage gaps.

Important

Frequency bands, licensing and permitted power levels vary by country. Confirm local requirements and the exact product certification before purchase or deployment.

Match Features to the Work Environment

Environment	Priorities
Construction	Ruggedness, loud audio, glove-friendly controls, site coverage.
Logistics	Talk-group discipline, battery endurance, yard and vehicle coverage.
Hospitality	Compact design, discreet audio, indoor coverage, simple charging.
Security	Clear escalation procedure, durable accessories, reliable standby time.
Field service	Wide-area reach, location/dispatch needs, vehicle charging.

Accessories Matter

Earpieces, speaker microphones, spare batteries, multi-unit chargers, antennas and vehicle accessories can determine how well a radio fits the daily workflow. Standardizing accessories also simplifies training and replacement.

Deployment Checklist

Before Ordering

- Document coverage zones and user roles.
- Confirm frequency or network availability.
- Select a device shortlist and accessory set.
- Verify model-specific certification for the destination.

Before Rollout

- Program channels or configure user groups.
- Perform site and field tests.
- Create charging, battery and maintenance routines.
- Train users on concise communication and priority calls.

Talk to GLOHE

For product selection and project support, contact sales@gloheptt.com or WhatsApp +86 1390390166.