



Battery Maintenance for Mission Critical Equipment

A robust battery maintenance system increases reliability and lowers operating costs of mission-critical portable radios used by service personnel



Why Battery Maintenance is Important

- **Safety:** *What is the acceptable number of sudden radio failures you allow your people to experience? One may be too many...*
Today's military personnel rely on their portable communications tools to ensure their own safety and the safety of those they serve.
- **Reliability:** the ability to track your fleet of batteries in the field ensures that your equipment is ready for action whenever it's needed.
- **Cost Savings:** using quality service tools will extend the life of your batteries resulting in lower replacement costs.

The Green Light Lies...

- The green light indicates that a battery is charged **not that there is enough energy** in it to do the job.
- **Bad batteries** charge faster and reach "green" before good batteries – making them **more likely to be used**.



...does not mean **"ABLE"**



Because one battery failure is too many...



Battery Maintenance for Mission Critical Equipment

When reliability is not an option, you need the best...

Proper Maintenance Means Lower Costs

- If you have an aging fleet of nickel batteries vigilance is required to ensure you are **getting the most value** from it.
- In a comparison of 3 maintenance methods used on Navy ships, Cadex's unique Reconditioning routine resulted in **cost savings of nearly 50%**.



"But I Use Lithium Batteries..."

While lithium-ion batteries may not need the monthly reconditioning that your nickel-based batteries require, proper maintenance is still critical.

- A significant number of new batteries do not meet the manufacturer's specifications – an incoming testing program ensures that **poor batteries are identified** upfront.
- **Prevent sudden failure:** knowing and tracking the capacity of the batteries will ensure that every piece of equipment will make it through the next operation.

Cadex Offers Many Options for Many Needs

- **Analyzers:** the workhorse of a battery maintenance system determines both state of health (energy capacity) and state of charge and services batteries
- **Software:** used to create and run service programs, scan and track battery history, and create labels
- **Chargers:** robust quality in single or multiple bay options



Cadex C7400ER-C
Analyzer



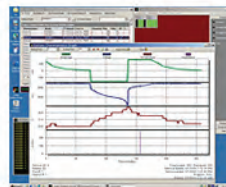
Cadex C7400-C
Analyzer



UCC2 Mobile
Vehicle Charger



Duro A5 Multi-bay Charger



BatteryShop Analysis
Software



Cadex C7200-C
Analyzer

A complete battery maintenance system allows you to identify batteries that are unsuitable for use and maintain those that are still operational.

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