

# Cox Box Off-Season Storage Checklist & User Guide

Nielsen-Kellerman | For Storage Longer Than 30 Days

## Purpose & Why This Matters:

Cox Boxes use rechargeable batteries similar to car batteries. If stored fully discharged for extended periods, the battery can be permanently damaged.

Proper charging, connector care, and storage prevent failures and extend equipment life.

## Battery Preparation:

- Fully charge Cox Box to 100%
- Confirm unit powers on normally
- Power off after charging is complete
- Do NOT store unit fully discharged

## Connector Cleaning & Protection:

- Inspect all plug terminals and ports
- Clean metal contacts with a small wire brush
- Clean recessed connectors using a pipe cleaner
- Ensure connectors are clean and completely dry
- Apply a thin layer of dielectric grease to plug terminals
  - Prevents dust, grime, and moisture buildup
  - Reduces corrosion during storage
  - Improves electrical contact when reconnected

## Storage Conditions:

- Store indoors in a cool, dry location
- Recommended temperature: 50–77°F (10–25°C)
- Avoid moisture, freezing temperatures, heat, and sunlight

## Maintenance During Storage:

- Every 30–45 days, power on unit and check battery level
- Recharge if battery drops below approximately 50%
- Do NOT leave unit permanently connected to charger

## Pre-Season Reactivation:

- Fully charge unit before first use
- Inspect connectors and remove excess dielectric grease if needed
- Verify normal startup and battery performance
- Test unit during practice before racing

Last Maintenance Date: \_\_\_\_\_

Performed By: \_\_\_\_\_