

Technical Bulletin #1

Objective: This document provides best-practice recommendations for using your X-System.

If you have any questions after reviewing this document, please consult the additional product documentation available at www.coachcomm.com/x-system or call Customer Support at 1.800.749.2761.

Charging Your Cart Battery

Power up your sideline cart and check your battery bank status before needing to use your system.

- **Check your AC power switch.** The cart's AC power distribution unit's switch (located on the front rack, behind the acrylic door) must be in the RESET (ON) position for the cart battery bank to charge.
IMPORTANT: CoachComm recommends leaving this switch in the ON position at all times.



AC Power Distribution Unit Switch

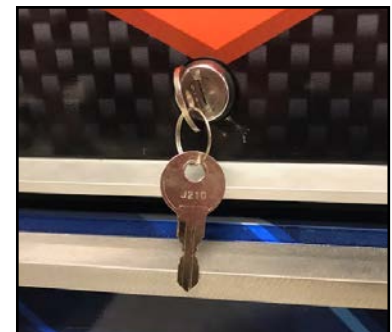
- **Plug in your cart every week to charge.** This prevents the cart battery bank from being too low to power on or to charge with the onboard system.
 - » If the cart has been stored with the breaker (located in the belly compartment) in the ON position without connection to AC power during that time, the batteries may be too low to power your system. Contact CoachComm Customer Support at 1.800.749.2761 for assistance if this occurs with your cart.
- **Turn breaker OFF when traveling.** The battery bank breaker protects the cart's battery circuit from damage resulting from an overload or short. The breaker should be turned OFF when transporting the cart to away games and also if the cart is stored for more than one week without use. Allow enough space to access the belly compartment when storing or transporting so you can turn on the breaker and activate the drive system to unload the cart.



Battery Breaker (On Position)

Unlocking Your Roll-Up Door

For carts shipped in 2017 (those with a black rooftop), **always remove your key from the lock of the roll-up door before opening it.** Failure to do so may cause the key to break off in the lock. Improvements to this area of the cart will be implemented at a later date.



Roll-Up Door Keys

Engaging the Brake

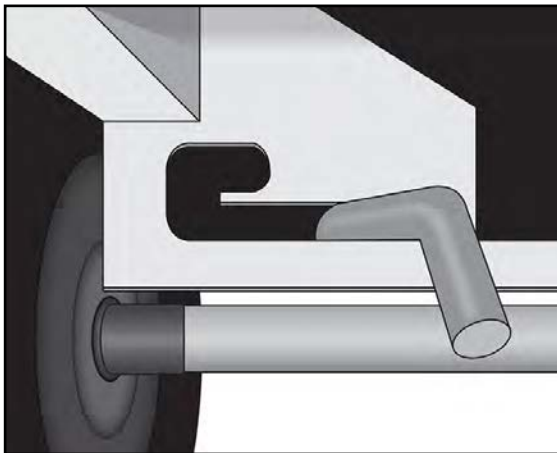
The sideline cart drive system uses a magnetic brake. Even with no power to the cart, the brake will function. CoachComm recommends leaving the brake engaged at all times unless a loss of power or another issue with the drive system occurs—in which case, the brake needs to be disengaged in order to manually roll or tow the cart. Make sure that your brake lever is fully seated in its position; never allow the lever to “float” in its notch.

CAUTION! Never operate the drive system without first checking the status of the brake. If you can manually move the cart, the brake is disengaged, and you should NOT use the drive system; severe system damage and personal injury may occur.

Note: Second-generation model X-System carts (those with a black rooftop) have a different brake lever than first-generation carts (those with a silver top). In both cases,

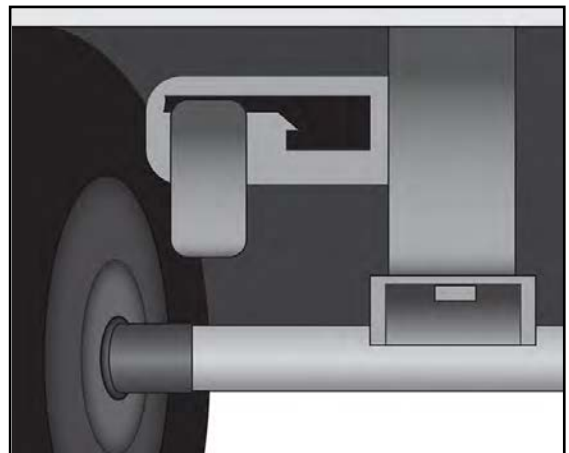
First-Generation Cart (Silver Top) Brake Engaged

Visually confirm that lever is all the way to the right.



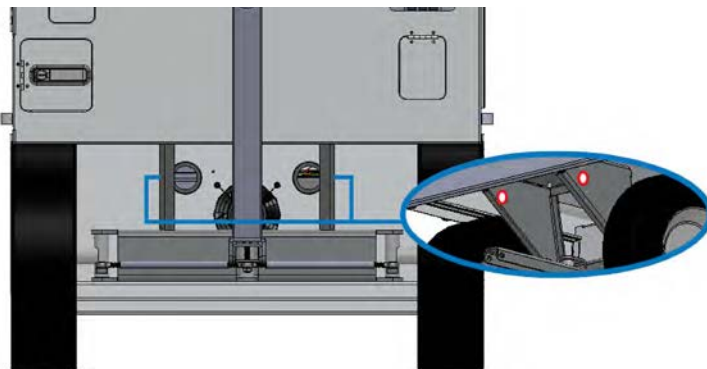
Second-Generation Cart (Black Top) Brake Engaged

Visually confirm that lever is all the way to the left.

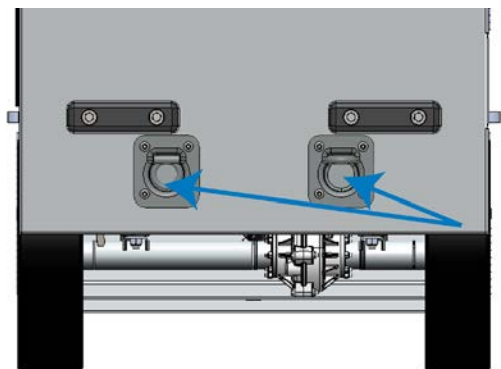


Transporting Your Cart

- When transporting the sideline cart, secure it to the floor or sidewalls of your truck/trailer using the cart's tie-down points.
- **IMPORTANT:** For added safety, verify that the cart's brake is engaged before transporting.
- Turn the battery bank breaker OFF when traveling.
- Use heavy duty straps rated for at least 1200 lbs.
- Secure any equipment neighboring the cart during transit to prevent it from colliding with the cart.
- Place cardboard or other material between tie-down straps and cover for added protection.

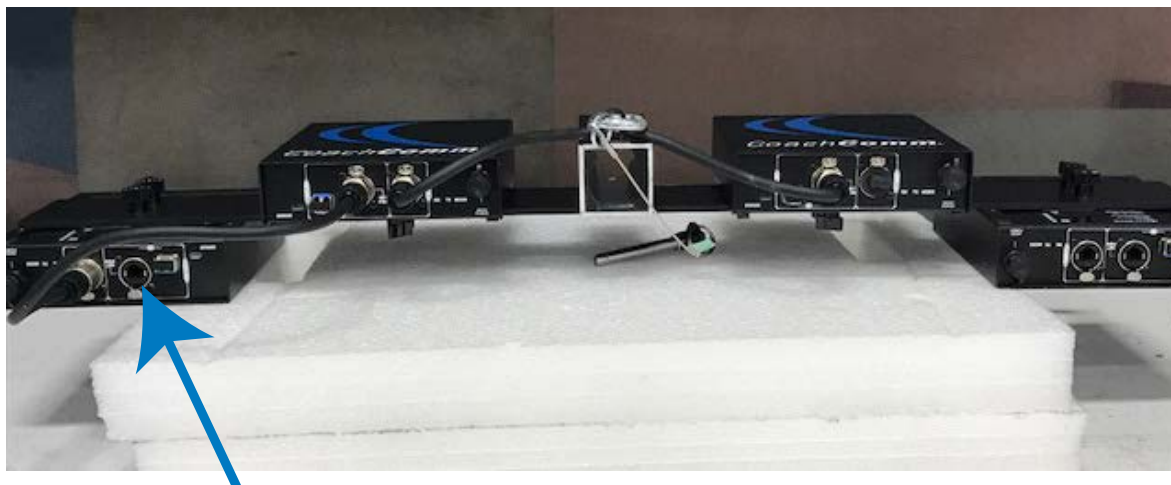


Sideline Cart Left Side Tie-Down Points



Sideline Cart Right Side Tie-Down Points

Connecting Your RT Cable



The RT cable from the cart's rear patch panel connects to the X-NET IN port of the first RT.

IMPORTANT: DO NOT connect this cable to an RT LOOP port.

Note: For customers with only one RT rack, mount the rack to the highest point on the mast and connect only one of the RT cables in the bundle from the Cart's rear patch panel. (You may use either red or blue, the color on the cable does not matter, but you should NOT use both.)

Loading Your Configuration File

Only load your CoachComm configuration file (saved from X-Ware) to the top (primary) Control Unit (CU). Loading the file to the bottom (secondary) CU may cause system malfunction. Once loaded to the primary CU, the configuration will be automatically active on the secondary CU and on other devices.

Discard Your CoachComm USB Flash Drive

The flash drive originally provided with your X-System—fastened on a green or blue lanyard—has functioned inconsistently when inserted into the front of the CU to load configuration files. Please back up any files saved to this flash drive, then discard it. CoachComm will soon provide a replacement flash drive for you.

Be sure that any flash drive inserted into the front of the CU is fully inserted and securely seated in the port; do not bump or jar the drive while it is inserted, or you may experience a loss in connection.