



**User Manual**  
**GRI-1000Li**



Thank you for purchasing the Cart Tek GRI-1000Li golf trolley. Your Cart Tek trolley cart was thoroughly quality control checked and road tested before being shipped to your address. We do everything possible to assure that your trolley is in perfect working order upon arrival. Should you have any issues or questions about the performance of your trolley, please contact us at [sales@carttek.com](mailto:sales@carttek.com) or 541-633-4308.

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## INTRODUCTION

Please read this manual carefully before use. After unpacking please keep the carton and all internal sections in safe storage. In the unlikely possibility that you need to return the whole unit due to a defective component, you will need to repack the unit in the original manner to ensure safe and secure transit. Check that all components are included in the package –

- Main Trolley frame
- Drive wheels
- Battery, complete with battery bag and extension cable
- Battery charger
- Accessories
- User Manual

Contents of this manual cover assembly from the delivery carton and operating instructions. Please note that our design and manufacturing policy is aimed at continuous improvement, this can result in changes without notice to the specifications contained in our websites and in this manual. Please read the entire manual.

## QUICK TIP

*After unpacking the trolley and while reading this manual, place the battery on charge while you assemble the unit. Plug battery into charger and charger into power source. The battery may be delivered with a charge but you should verify a full charge before using the trolley for the first time.*

## BASIC SET-UP

- Remove all components from carton. Note any damage with carrier.
- Install the two large drive wheels. The arrow design on the tire should face forward. Depress knob on inside wheel hub to fully seat wheel onto axle drive collars. The metal prongs should fully insert into the holes on the drive collar.
- Trolley connects together with two quick release buttons.
- Lift lower handle.
- Extend upper handle into desired position and secure by turning black locking knob.
- Load golf bag onto trolley. Balance weight of golf bag equally “side to side”. Secure golf bag with bungees.
- It is important that both top and bottom bag straps are tight and your bag is firmly secured in the bag rests.

## PRECAUTIONS

- 1) For best performance heavy cart bags are recommended. If you use a carry bag or stand bag you may need to add weight. (See # 4 below)
- 2) Consider the all-around weight distribution of your golf bag. Ensure the bag is balanced evenly side-to-side. Uneven weight distribution may lead to “tracking errors” i.e. too much weight on the right side will cause trolley to veer to the left.
- 3) During play, minimize the drain on the battery by avoiding taking the GRi-1000Li trolley into the rough.
- 4) Avoid using the GRi-1500Li to pull you up hills.
- 5) Do not pull Trolley backwards. If you need to pull trolley backwards for an extended distance, disconnect the battery and pull the main drive wheels out to the free wheel mode groove on the axel.

## FREE WHEEL MODE

In the event, that you have a loss of power or have a need to pull the GRi-1000Li backwards, you must put the Trolley into “Free Wheel Mode”. For “free wheel” mode depress button wheel hub and pull wheels out approximately 1/4 of an inch, making sure the wheels engaged into the axel. The metal prongs on the inside wheel hub will show and will **not** be engaged with the drive collar. You can now safely pull cart backwards.

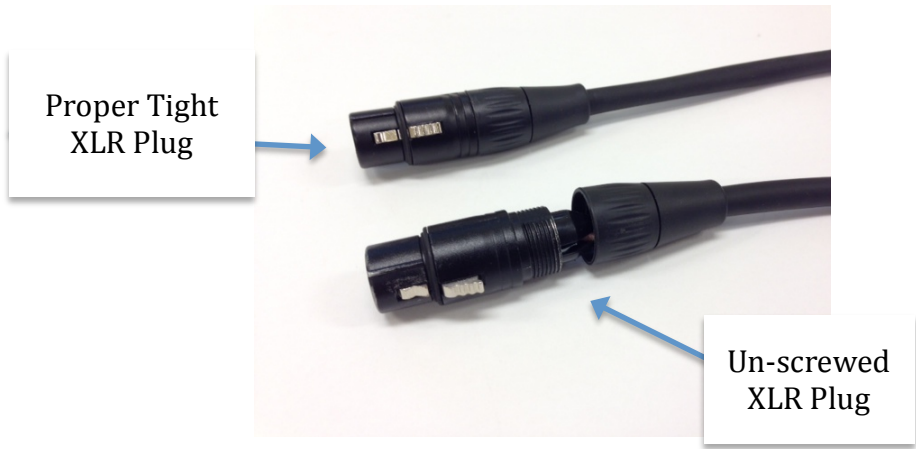
## BATTERY MAINTENANCE

Your GRi-1000Li Trolley comes with a 24 volt, 10 Ah Lithium Ion battery.

Whenever possible we ship your battery fully charged. Before trying to operate your GRi-1000Li, please verify that the Li battery is fully charged. Plug your battery into the charger; and then plug your charger into the power source. Your trolley is ready for play when your charger LED flips from orange to green. It is likely that your battery will need very little charge time before being ready for play the first time. Normal charge time is 3-4 hours *after a full round of golf*.

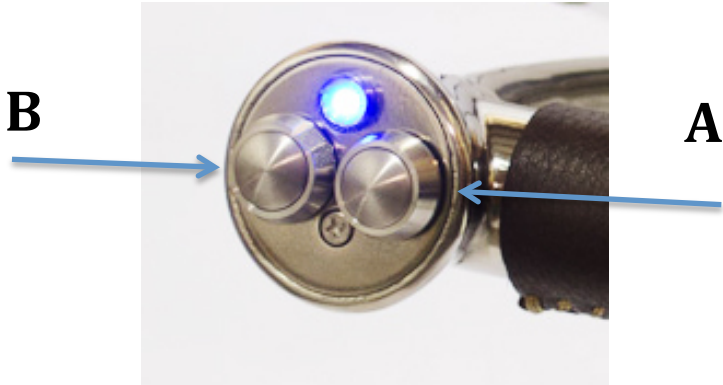
- ✓ Always ensure battery is connected to charger when connecting AND disconnecting charger from power source.
- ✓ Your battery charger should not be left plugged into the power source when not in use.
- ✓ The charger has a green LED light when inserted into a power source if it does not have a battery connected to it.

- ✓ Do pay attention to the charger lights and verify that the charger flips to orange when a depleted battery is plugged in. (Depleted meaning you played golf.)
- ✓ To maximize battery life, charge your trolley battery immediately following your round of golf. Charge your battery after any use, even if you only played 9 holes.
- ✓ The LED on the charger will turn green when battery is fully charged. A full charge usually takes between 3-4 hours. Charge the battery in the evening, unplug in the morning. Do not leave your battery on the charger for extended periods; do not leave the charger plugged into power source.
- ✓ Provided your next golf game is within 3 weeks your battery is ready to go and there is no need to top off.
- ✓ During periods of inactivity (i.e. winter storage) re-charge your battery overnight every 12 weeks. Battery life is 800 to 1000 charging cycles, depending on course conditions.
- ✓ Store your battery at normal room temperature. Avoid freezing temperatures.
- ✓ Do not store or charge battery on concrete surface.
- ✓ Take precautions and be careful to not drop the battery. The battery case could crack and the subsequent battery life will be severely compromised.
- ✓ Do not strain or pull on battery cable. Always push silver slide latch on round plug when inserting and removing from cart or charger.
- ✓ At the plug end of the battery cable check to see that the cable has not become loose or "unscrewed" from the plug. Tighten compression ring if needed.



## TURNING ON YOUR GRI-1000LI

Plug battery cable into the electrical port on trolley. The LED on handle will be solid blue. Trolley is ready to go. To go, press the A and B buttons simultaneously. Press the A button to accelerate and press the B button to decelerate. To stop trolley press A and B Buttons again. Start and stop the trolley by the simultaneous pressing of the A and B buttons.



When stopping the caddy a “parking brake” automatically engages. The LED will flicker 2 Quick and 1 Slow, indicating “brake” is set. To release the parking brake, press and hold the B button for one second till LED is solid blue. When trolley is



not moving and has a solid LED the parking brake is not engaged. Maneuver the trolley to position and re-engage the parking brake by pressing the A button.

**Distance Control Function:**

**To move Trolley for 10 seconds:** When the trolley is stopped, (with or without the parking brake on) press and hold the B button until LED flashes rapidly. Release the button, the GRi-1000Li will move forward for 10 seconds at the currently set speed.

**To move Trolley for 20 seconds:** When the trolley is stopped, (with or without the parking brake on) press and hold the B button for 5 seconds until the LED flashes slowly. Release the button, the trolley will move forward for 20 seconds at the currently set speed.

When first using your trolley, practice using your trolley in a large open area. Take time to practice controlling trolley with the start stop switch on handle and using the distance control function.



FOR WARRANTY, SPARE PARTS AND ACCESSORIES:

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