

GSC™

GOLF SKATE CADDY

STAND UP GOLF CART



GSC™ 30ah V2



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WELCOME

We are really sure you will enjoy this great new innovative product and change the way you play golf forever.

Soon you'll be stepping onto the Golf Skate Caddy™ but first; there are a few things you need to familiarize yourself with. To get the most out of your new GSC™ it's important you know your product really well. We recommend you read this manual from cover to cover, explore all your vehicles' features, and follow instructions (and we emphasize 'follow') on safety, care, and maintenance.

The Golf Skate Caddy™ (GSC™) is the culmination of years of board, motor, battery and dynamic technology fusion, offering a new alternative to other golf transport vehicles such as single player ride on units and of course golf carts.

Playing golf should be about the experience, taking a great shot, enjoying the view, the outdoors, the fresh air, encompassing this and so much more, ensuring return visits time after time.

Our research indicates that few people rate their current transport choice as being part of the fun experience of their game. Let's face it, how exciting is it trundling around in a golf cart going from one ball to another (you as a fellow passenger) when you can go directly to your own ball saving you much time by not having to zigzag across the fairways chasing two balls. 2 seat golf carts are no longer a necessity, with the Golf Skate Caddy™ a game may be shortened by up to 20%.

The Golf Skate Caddy™ is an amazing vehicle that you simply stand on, whilst holding onto a specially designed curved handle with an integrated thumb control accelerator which helps you stabilise your ride in addition to controlling safely your speed and braking. With a special caddy up front for your golf bag, attachment provisions for your essentials such as scorecard holder, drinks bottle, sand divot pourer, space for a GPS and smart phone mount, plus a bespoke umbrella, you are set and ready to go.

So check out our full website for all the information on how it works, how we feel it will make your golf day one to remember, plus our great videos, photos, specifications and so much more. One thing is for sure, you won't find a quality fully featured product like our Golf Skate Caddy™ anywhere else. Australian designed and developed, innovative, reliable, practical, great fun, tested internationally and enjoyed across the world.

You will also appreciate the benefits and safety of our 4-wheel steer product achieving greater balance and safety to enjoy your golf day.

UNPACKING THE GSC™

Please check carefully that all items are included in the GSC™ Box

Check first that your new GSC™ is free of any damage that might have been caused in transit. If any damage is noticeable, do not ride the GSC™. Contact your freight carrier and your GSC™ supplier immediately within 7 days or your claim may be refused. (To substantiate your claim please take photos and write a description of the damage in question).

On receiving the GSC™ the following items will also be included in the packaging.

- 1 x Fully Assembled GSC™
- 1 x Pistol Grip 2.4GHz Wireless Controller
- 1x 30ah Lithium NMC battery
- 1x 36v lithium NMC 4A Battery Fast Charger
- 1 x Spring Loaded Seat
- 1 x Sand Divot Pourer
- 2 x Spare Drive Belt
- 1 x Owners Manual
- 1 x Free Gift High Wind Resistant Umbrella Canopy (not covered by warranty)

We highly recommend you immediately give the GSC™ a full charge. Plug the charger into your wall outlet and connect it to the charging jack on the side of the battery-pack. The light on the charger will be RED. That means the battery is on charge. Once the battery reaches full charge, the light turns GREEN.

Charging time may vary. The charge time takes 4-8 hours, depending on the remaining charge in the battery. Use the battery often, and DO NOT store for more than 60 days without charging.

DO NOT RIDE THE GSC™ WITH OUT FIRSTLY CHECKING YOUR TYRES TO ENSURE THEY ARE AT THE RECOMMENDED PRESSURE AS VALVE DAMAGE MAY OCCUR. THIS DAMAGE IS NOT COVERED BY WARRANTY.

Tyre pressure on GSC™ should be set at 40-50psi. These recommended pressures have been set to give optimum board control and battery performance. Get into a habit of checking tyre pressure regularly. Low tyre pressure can put undue stress on your motors and drive train.

If you damage your tyres or inner tubes please contact your local distributor, which can be found at www.golfskatecaddy.com

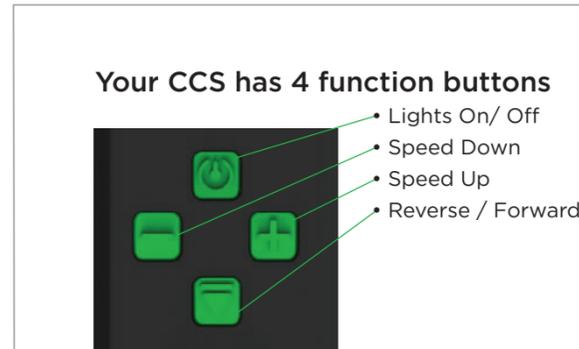
One more thing, do the right thing for the environment and - recycle what packaging you can, and dispose of the rest considerately.

Computer Control Screen (CCS) Instructions

Your GSC™ comes complete with a full colour LCD computer control screen (CCS)

This manages features such as speed settings, driving lights, forward and reverse in addition to giving a full GSC™ information readout, which includes:

- Backlit, bright, high intensity colour LCD screen.
- Current Speedometer
- Parking Indicator
- Reverse Indicator
- Battery life indicator
- Headlight Indicator
- Wifi Indicator
- Remote On / Off Indicator
- Trip Meter
- Odometer
- Voltmeter



The CCS has two combination menu settings

- **Combo 1** - Limit top speed of GSC™ by pressing top, left and bottom buttons simultaneously to enter sub menu. Choose desired top speed 1,2,3, or 4 by pressing - or + buttons then long press top button to set.
- **Combo 2** - Choose between Mp/h and Km/h by pressing top, right and bottom buttons simultaneously to enter sub menu. Use bottom button to switch between imperial or metric then long press top button to set.

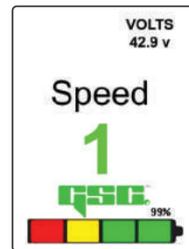


To turn on the Golf Skate Caddy™ insert the supplied key into the lock, this is positioned just behind the curved handle and thumb control and turn to the "ON" position. This will immediately switch on the CCS.

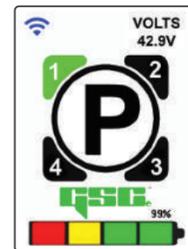
A WELCOME screen will now show.

Your GSC™ default speed is set to speed 1. In order to change the top speed setting use the "Speed up" "+" or Speed down "-" button.

Refer to the following screen shots to see different speed setting. Note that the coloured speed icons change colour as you move to different speed settings.



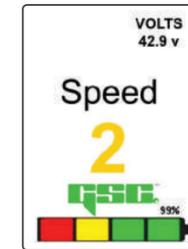
Default setting speed 1 selected indicated in green



Parking Indicator indicates green speed 1 setting



Speedometer readout in green



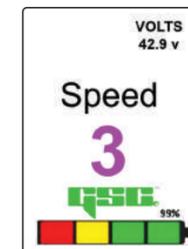
Press right + button to select speed 2 indicated in yellow



Parking indicator indicates yellow speed 2 setting



Speedometer readout in yellow



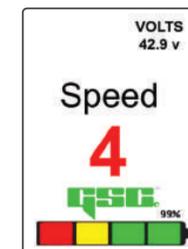
Press right + button to select speed 3 indicated in purple



Parking indicator indicates purple speed 3 setting



Speedometer readout in purple



Press right + button to select speed 4 indicated in red



Parking indicator indicates red speed 4 setting

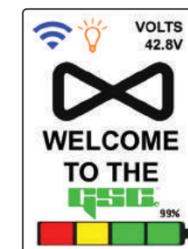


Speedometer readout in red

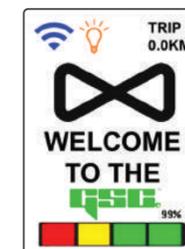
The Golf Skate Caddy™ has 4 top speed settings. These are as follows:

- Speed 1 - 3mp/h - 5km/h
- Speed 2 - 6mp/h - 10km/h
- Speed 3 - 9mp/h - 15km/h
- Speed 4 - 12mp/h - 20km/h

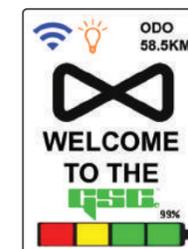
Your CCS scrolls through the following information automatically every 3 seconds, volts, trip and odometer and is visible on the top right hand corner of the LCD screen.



Volts - Shows voltage and state of battery
42.5v+ : Fully Charged
35.5v : Requires charging.



Trip - Shows total distance travelled whilst GSC™ is switched on. Resets when GSC™ is switched off.



ODO - Shows total distance travelled during the lifetime of the GSC™. This cannot be reset.

SPECIFICATIONS AND FEATURES

Topside

- Highest-grade, heat-treated aluminum construction framework.
- High quality "eagle claw" heavy-duty alloy pole quick release mechanism
- High quality tough paint finish with clear lacquered logos
- Monopole & accessory attachment bar
- Weather proof multi function computer control screen (CCS)
- 5v Dual USB weather resistant outlet
- Heavy-duty quick release attachment straps to secure golf bag
- Impact resistant custom front faring suitable for 10 inch staff bag complete with flexi mud guards
- Impact resistant custom rear faring with cooler compartment for drinks complete with flexi mud guards
- Handheld remote with variable speed / progressive braking wireless 2.4Ghz trigger controller
- Forward & reverse function with 20m range
- High quality custom shaped Bamboo laminated deck
- GSC umbrella rated to 60km/h winds with dual customized left or right side holder
- Drinks holder and Score card holder
- Quad golf ball & Tee holder
- Divot pourer sand bottle
- UV stabilized logo grass mat
- Dual front LED lights and rear red LED strip
- Rear spring loaded quick release seat (cannot be used whilst driving Golf Skate Caddy)

Underside

- 30 Ah Quick release Lithium NMC (LiNiMnCoO₂) battery (completes 18+ holes) + (9 holes) *
- Fast 4A Charger: (Charging time 3 - 6 hours)
- Low impact 10inch turf tyre (low ground force pressure impact of < 8psi)
- Dual 1000w high torque brushless motor with soft-start
- Custom computerized mapped software
- Tuned front bush and dual suspension springs
- Alloy front & rear trucks with shock absorbent riser pads
- Water resistant computer management system
- 2.4 Ghz receiver
- Rear suspension limiters
- Quick release receiving seat hitch

General Specifications

- Weather / water resistant
- Easy to ride (5-10 minute learning curve)
- Suitable from ages 16 +
- Easily transported in your family sedan / estate, hatchback, pickup, 4WD etc.
- Max Rider weight 120kg + bag
- Total Weight 40KG without battery + 7kg quick remove battery
- 4 speed settings - 5km/h, 10km/h, 15km/h and 20km/h

ANCILLARY COMPONENTS

Sand Divot / Seeder Pourer

Your GSC™ comes standard with a sand divot seeded / pourer, this simply fits into the compartment on the right side of the GSC™ at the front. Simply unscrew the lid and fill with sand or dirt at your golf club, and when creating a turf divot simply pour content over hole to protect fairway.

Removable Seat

You GSC™ comes standard with a removable spring seat. This seat is specially designed only for the GSC™. To attach the seat to the GSC™ open up the rear cooler compartment and you will notice a spring pull. Lift this whilst sliding the horizontal bar into the receiving hitch. Once the bar has been fully inserted release the spring pull and the seat will be secured. Ensure that you do not get dirt or material inside the hitch as this may cause difficulty inserting and removing the seat.

DO NOT ATTEMPT TO SIT WHILST DRIVING, as damage to seat and GSC™ will incur.

Umbrella

Your GSC™ comes with a very specialised umbrella / sun canopy. The umbrella is rated to winds in excess of 60km/h, although we do not advise that you play golf in such extreme conditions, in the event of a wind gust unlike so many standard umbrellas your canopy will not invert offering you protection.

You will notice that there are two umbrella holders on either side of the accessories frame. This was designed so that depending on your chosen stance you could place the umbrella in a position that would not impede your vision. To attach the umbrella securely simply open the lever and slide the umbrella shaft inside the tube, adjust height and re-lock the lever.

Rear Cooler Box

Every GSC™ comes complete with a rear cooler box. This is great for keeping your beverages cool. Your cooler will hold 3 standard cans length wise or 2 x 600ml bottles of water width wise. Simply lift the click lock lid up, place beverages inside and fill with ice to keep cool. Now don't worry about the water pooling in the cooler, as there are two drain holes at the rear allowing any water to pour directly on to the grass or path. Alternatively you can use the compartment simply for storage.

TERMS AND CONDITIONS

WARRANTY

For your 1-year GSC™ product warranty (including 1 year on your lithium NMC battery) to be effective, you need to have your original purchase order or receipt of sale.

GSC™ Product Warranty covers all structural components, materials, and workmanship - but excludes wearing parts; including drive belts, tyres and tubes, painted surfaces, damage caused due to misuse, contravention of operating and maintenance instructions, immersion in, or exposure to water, accidental damage, loss and theft.

The warranty applies to the original purchaser only (non-transferable), and specifies the product is free of manufacturing defects in materials and workmanship for a period of 1 year from the original date of purchase. (Always please retain proof of purchase).

The warranty covers use of the product only under conditions specified in this manual.

All risks associated in the operation of the product remain the sole and assumed responsibility of the person or persons operating the product. GSC™, its Directors, employees, contractors and suppliers are hereby excluded from any and all liabilities stemming from personal and/or consequential damage, injury, or death, resulting from the use of this product.

Exercising the Warranty

If you have a problem with a GSC™ product and need to resort to the warranty, please contact your reseller or country distributor refer to www.golfskatecaddy.com for contact numbers in your area.

When making the call, have a good description of the problem ready, and any ideas of which parts might need to be investigated before a board or part can be returned under warranty, a return must be authorised by GSC™. **It is a general policy that the owner will pay for the return of the GSC™ to a depot one way and the distributor pays the return transit back to the customer.** Make contact by email first so we can size up the situation for a rapid solution. If GSC™ gives a general notification of a faulty product or parts, replacement will be sent - at no charge.

GSC™ reserves the right to determine repair or replacement. In the event of a replacement - if the same model is no longer available - GSC™ reserves the right to replace it with a similar product. But if the fault is not with the product, charges will apply for any parts, labour, and shipping incurred.

Accidents can happen. If you damage something, we'll do everything we can to fix your GSC™. However, we are unable to offer any warranty on components that have been destroyed due to careless operation, water damage, or which show clear signs of abuse.

Refunds are at the discretion of the dealer where the product was purchased. GSC™ does not enter into customer-dealer negotiations.

IMPORTANT! - KNOW YOUR ABILITY RIDE WITH CARE

The GSC™ is not a toy and not recommended for riders under 16 years of age without adult supervision (check local golf club rules). It's a serious piece of innovative engineering and must be treated with respect while riding. Before you attempt to ride your GSC™, be sure you completely understand and are familiar with all its features, controls, safety devices and maintenance advice in this manual.

Your GSC™ will run safely on most hard-packed surfaces, gravel, and trimmed grass. But care must be taken with rough and uneven ground, and especially potholes. Stay clear of mud, sand and water.

GSC™ is ultimately designed for golf course use and surrounding areas on the golf course, it is not intended for road use or footpath/sidewalk use. GSC™ will not be liable for any claims whatsoever whilst riding the GSC™. While riding the GSC™ please make every effort to see that it is safe and free of dangerous obstacles, potholes or debris. Do not ride in crowded public areas. Your GSC™ is designed for a single-rider only. Once you've developed reliable technique, ride within your limits. But there are always limits, so stay alert as with most vehicles there are certain risks involved. It is a good idea when traversing up and especially down very steep inclines that you consider walking next to your GSC™ adjusting the speed and braking with your trigger controller. If in any doubt about the gradient of the hill always walk - remember safety first!

If you decide to ride down a steep incline releasing either the thumb controller or remote trigger will activate the brake allowing you to safely drive down the hill, release or activate the trigger to adjust your descent speed.

Understanding your GSC™ braking system

Your GSC™ uses electro magnetic brakes, which are applied via the wireless controller, THESE DO NOT RESPOND in the same fashion as wheel resistant braking or disc brakes. It is important to realize that your complete braking cycle from full speed to zero can take up to 7-8 metres (23-26ft) on flat ground and more on an decline. You need to be fully aware of your surroundings at all times and brake in advance of any obstacles etc. At slow speed your brakes will apply progressively at up to 1.5 metres (4ft) so please take this into account. We have set the brakes at this level for safety and predictability.

Harsh braking may cause you to be thrown forward off your GSC™ causing potential injury and harm - do not attempt to tamper or modify with the braking cycle of this vehicle.

Please take the time to familiarize yourself completely with the acceleration and braking of the GSC™.

Electronic Park Brake

Your GSC™ has an electromagnetic park brake, in order to engage this simply release the trigger controller to engage braking.

You should ALWAYS park your GSC™ adjacent to the hill, never directly up or down.

SYNCHRONIZING YOUR GSC™ TO ITS VARIABLE SPEED 2.4GHZ HAND CONTROLLER

Operation of the GSC™ thumb and remote control

Your GSC™ has two modes of operation, which are linked via a wireless communication protocol.

- Wireless remote control
- Hard wired thumb controller

Remote Control Operation

The Golf Skate Caddy™ is supplied with an intelligent wireless remote control. This has the following features:



- Top Button - Instant on / 1 second press - off button
- Integrated LCD Screen
- Bottom left button - forward / reverse button
- Bottom right button - speed up / speed down button with dual function long press lights on/off

Syncing your remote to the Golf Skate Caddy™

Turn off all other GSC™ units close by with 15 metres. Turn on remote control, then long push the left and right buttons together. You will see the word "pairing" appearing on the remote LCD screen, you will have 30 seconds to then switch on the GSC™ you want to pair. Once finished the remote will be locked to that GSC™

Switching on the remote control whilst the GSC™ is on will automatically switch off the thumb controller, and allow all acceleration and braking to be controlled by the remote control. You can still activate speeds 1, 2, 3 or 4, forward /reverse and lights either via the CCS or the remote control.

Pulling the remote control trigger towards you will initiate a smooth acceleration. Pushing the trigger away from you will activate the rapid brake cycle.

Braking distances for both remote and thumb controller

Speed 1 drag brake	4m (13ft)	Speed 1 rapid brake	2m (6ft)
Speed 2 drag brake	6m (20 ft)	Speed 2 rapid brake	3m (10ft)
Speed 3 drag brake	9m (30 ft)	Speed 3 rapid brake	4.5m (15ft)
Speed 4 drag brake	12m (40ft)	Speed 4 rapid brake	7m (23ft)

The remote LCD has 2 concentric rings, the outer ring shows the charge of the main GSC™ battery, the inner concentric ring shows the charge of the remote internal battery. A centre speedometer shows current speed whilst travelling. A small forward / reverse icon is visible top centre of the screen.

The remote control has a micro USB connection used for charging the internal battery. Use the supplied micro USB cable and plug this into one of the dual USB charging ports on the GSC™ main pole to fully charge the remote control. The remote control should be charged after every 36 holes of golf.

Thumb Controller Operation

The Golf Skate Caddy™ is supplied with a hard wired thumb controller / handle. This has the following features:



- Ergonomic ambidextrous cushioned handle
- Illuminated thumb slider
- Move slider forward - progressive smooth acceleration
- Move slider backwards - progressive smooth rapid brake

Operation of the Golf Skate Caddy™ with its unique handle and integrated thumb controller allows accurate acceleration and braking whilst allowing a stable support for you to hold on to. The controller employs a sophisticated technology which when released initiates a controlled drag brake to gently bring the GSC™ to a stop or reduce speed confidently. For a more rapid controlled brake simply pull back on the thumb controller. Always assess your path ahead and accelerate or brake according to your situation... A little practice in speed 1 or 2 and you will be whizzing around the fairway in no time.

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BASIC OPERATION

If this is your first time riding the GSC™, we suggest that you start off in speed mode 1, this is the default starting speed of the GSC™ and will allow you to only reach a maximum speed of around 4-5km/h giving you the confidence that you will not fall off. We suggest that you take the GSC™ initially to a nice quiet open space like a park so that you can get a feel for the vehicles braking, acceleration, speed and handling. Once you feel confident you can work up to assist 3 or 4. **Refer to the section at the start of the manual on operation of the GSC™ computer controller screen on how to change your speed modes.**

The GSC's™ suspension was designed to work at its best with the full weight of a golf bag secured into the front caddy section. This gives the rider counter weight when turning and helps loosen up the suspension so please ensure that when you are riding the GSC™ you always have your golf bag and clubs on board.

Attention! Your GSC™ is powerful and demands common sense and respect for safety reasons. The GSC™ is a simple vehicle to master, most riders can become proficient within 5-10 minutes of riding the GSC™ for the first time.

Stand on the GSC™ with your toes facing the edge of the board. With the hand closest to the handle to steady yourself, grab the handle securely but not too tight and with your thumb move the slider forward to accelerate gently, pulling back on the slider will activate the rapid brake. The correct stance for forward movement is to ensure you have 60-70% of your weight on the front foot for 1-2 seconds then share the weight across both feet. As you brake, shift 60-70% of your weight to the rear foot until you stop.

In order to maximize your turning ability, you should shift your weight to the rear foot momentarily whilst you position the ball of your foot or heel to the left or right edge of the board re-transferring your weight back to the front foot. Pressing down and transferring your front foot to the left or right edge of the GSC™ in this way will maximize weight leverage allowing you to steer more easily. You will notice initially that your GSC's turning circle will improve after a little while as the red suspension bush and front springs "settle or bed in", this can take between 18 - 36 holes of golf - during this "break in" period please take sharp turns slowly and carefully.

Accelerate and brake accordingly with care. **MOST IMPORTANT:** Very SLOWLY and with CONSTANT SMOOTH PRESSURE, pull the trigger toward you to accelerate then SLOWLY release the trigger to slow to a stop, GENTLY push the trigger away from you, this will engage the braking system and bring you to a complete stop. Take time to become familiar with accelerating and braking. Smooth action with the trigger controller is the key.

Never pull the trigger too quickly, or release it too suddenly without due care. Stepping on your GSC™ and pulling the trigger too hard before setting your stance means you could be thrown-of backwards if you do not have the correct operating method. When travelling at speed, pushing the trigger forward too harshly (engaging the braking system), could throw you off headfirst if you do not use the correct operating method. Know your limits do not take unnecessary risks. Just like driving any vehicle always brake in advance.

The GSC™ comes with soft start, a unique feature that allows the computer to control the amount of torque to the wheels, allowing a "soft graduated start" during the first 2-3 metres of travel prior to maximum torque delivery. This is a great safety feature, as the rider does not feel as if the GSC™ would runaway from them if the trigger controller was inadvertently fully engaged. Soft start is also kind to the grass and does not allow the GSC™ to engage in wheel spin and burn the grass or fairway.

NEVER STAND FACING FORWARD AS THE GSC™ IS NOT DESIGNED TO BE RIDDEN THIS WAY.

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BEING IN CONTROL AND SAFETY

Being in control is everything, especially when commanding the braking system on your GSC™. Braking power is relative to the speed you are travelling. If you let the remote trigger or thumb slider return to its neutral position, you will activate the drag brake, which is a more gentle brake, which will allow you to coast to a predictable stop. Use this technique as you approach a downhill or obstacle etc. before activating the rapid brake. If you engage rapid braking at full speed, braking energy is greater than if you engage brakes whilst traveling at a slow speed. So when braking at high speed, use a lighter touch! NOTE: When using the remote control If the signal between the remote control Controller and GSC™ is lost or extends 20 m, the GSC™ automatic emergency braking will engage and bring the GSC™ to a stop. When using the thumb slider If you fall off the GSC™ whilst the vehicle is in motion the GSC™ will activate the brake and bring the vehicle to a stop. When riding downhill, be in control and always feather the brake accordingly to maintain a safe speed. It is safer to ride slower and be in control than fast and out of control.

The GSC™ sports twin motors which offer exceptional traction across many surfaces, however If the hill is too steep, you risk possibly over stressing the drive system, Get out and walk up those really steep hills beside the GSC™ holding the mono handle to control direction and remember if there is a cart path try to take this up any steep sections of your golf course.

CAUTION: Extreme and unchecked speed could result in serious injury or worse. When riding downhill, the motor remains engaged at all times, providing some drag. To avoid building up too much speed, it's advised you apply frequent gentle braking by gently releasing the remote control or thumb slider and remember pulling the thumb slider back or pushing the remote control trigger forward will activate the rapid brake. Your GSC™ has limitations even though it is engineered to a high level of toughness, all mechanical and electronic systems have built in limits for safety and effective operation. Excessively aggressive acceleration and braking will place uncontrolled strain on the Drive Belt, shortening its service life.

Never ride down hills that put safety and GSC™ control at risk. High-speed collisions will do damage! Never ride down hills that need prolonged, excessive harsh braking.

Maximum speed, range and stopping distance depend on your weight, the riding surface, incline, and wind direction so use your common sense. Like riding a bicycle you need to feel the brakes and be in control at all times not slamming the brakes on to harshly and wondering why you may have lost control.

BATTERY MAINTENANCE

The GSC™ comes with a specially designed 30Ah Lithium NMC battery. This battery was purposely built and over engineered, so that we can take advantage of its large capacity. For long life we suggest that you never wear the batteries down to low charge, (eg by playing several games of golf without charging) where you notice 1-2 bars as indicated on the computer controller screen, as seen whilst riding on flat ground or in stationary mode. This shows that maximum capacity has already been used and over time if this practice continues will deteriorate your battery and its life cycle. Never take the GSC™ out if you notice a low charge on the battery indicator. This practice will void warranty and can be seen on our full diagnostic battery management system readout.

Lithium NMC batteries like it when they are partially discharged then recharged back to FULL capacity. Whilst riding up steep hills you may notice the battery indicator fluctuating due to the GSC's™ power demand on the lithium pack... this is normal - remember always take your readings whilst riding on flat ground or remaining stationary for the most accurate indication.

We would expect that a typical 18 hole game of golf with an average player would use around 40-50% capacity leaving ample reserves and maintaining the battery in good health theoretically for 800-1000+ charges (we cannot guarantee this, as it is impossible to verify whether the battery has been maintained in perfect working order for that time and should be used as a guide only). The rechargeable battery that powers your GSC™ should however last several years if kept properly charged and maintained correctly, performance will slowly decrease to the point where it may eventually fail to complete 18 holes of golf and will need to be replaced.

To maintain maximum life, always keep your batteries charged when storing for extended periods. Recharge even after short rides to maintain healthy batteries. While storing batteries recharge at least once a month for optimum battery life. And do not forget to charge your GSC™ over those quiet times otherwise your battery may deteriorate more rapidly. It is best practice to turn off your battery at the isolator switch located on the side of the battery when not in use.

It is safe to leave your charger connected to your battery even after the green light has indicated a full charge cycle, however we do not recommend leaving connected for more than 1 week at a time.

For replacement, order genuine GSC™ replacement batteries from your dealer.

Fleet users should have a system where they charge their GSC™ battery after completion of every 18 holes of golf. Depending on the golf course the GSC™ should be able to complete two rounds of 9 holes of golf on one charge, however a top up charge is always recommended where ever possible.

Spare batteries are also available as an option to enable more rentals per GSC™ for commercial users. These batteries will also need to be charged in between every 18 holes of golf.

ONCE AGAIN STORAGE OF YOUR BATTERY FOR EXTENDED PERIODS WITHOUT CHARGE MAY CAUSE DAMAGE. ALWAYS ENSURE ONE FULL CHARGE EVERY 30 DAYS TO MAINTAIN YOUR BATTERY IN PROPER WORKING ORDER OR SWITCH OFF ISOLATOR SWITCH ON BATTERY AND CHARGE EVERY 60-90 DAYS - **DO NOT FORGET**

Do Not Puncture battery. Do not dispose of battery in fire or trash. Do not expose battery to heat or direct sunlight. Dispose of battery only at suitable battery disposable stations.

Always make sure your GSC™ is fully charged BEFORE EVERY GAME OR USE.

GENERAL MAINTENANCE FOR THE GOLF SKATE CADDY

Under normal use, your GSC™ will require only routine maintenance.

FAILURE TO FOLLOW MAINTENANCE INSTRUCTIONS AND GUIDELINES WILL VOID YOUR WARRANTY. DO NOT OPEN THE BATTERY BOX, MOTOR CONTROL ASSEMBLY, OR MOTOR. DOING SO WILL VOID YOUR WARRANTY. YOUR GSC™ IS NOT A FULLY WATERPROOF DEVICE BUT REGARDED AS WEATHERPROOF ONLY. TO PREVENT ELECTRICAL DAMAGE, RIDING MUST BE AVOIDED IN HEAVY RAIN, MUD, OR OTHER SIGNIFICANT WET AREAS. ALWAYS KEEP YOUR GSC™ CLEAN AND FREE OF MOISTURE. WHEN TIGHTENING FITTINGS: DO NOT OVERTIGHTEN!

Over time, vibrations from normal use may cause some external bolt and screw fittings to loosen, especially if riding on rough surfaces. Check all fasteners for tightness before each use. Check and tighten all screws and nuts after every 75-100 hours of riding. Do not over-tighten, as stripping can result. Snug is tight enough. If you hear a new noise, pay attention to it. Trucks and springs are factory preset and should not be adjusted.

The Golf Skate Caddy's maintenance is very simple, straightforward and can be undertaken by any golf club mechanic or handy person.

TYRES

- These should be maintained at 40-50psi, this should be checked every week, always ensure they have valve caps fitted.
 - Check for excessive wear, tyres can be rotated with the drive wheel, which will wear more quickly than non-drive wheels.
 - Tyres are split rims, take apart by letting air out of inner tube, removing bolts and splitting rim. When replacing reverse procedure - but be careful not to pinch inner tube against both section of wheel.
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BELT DRIVE

The belt drive needs regular checking every 6-8 weeks to ensure problem free travel. The GSC™ uses Gates Powergrip GT3 drive belts, which are built tough, but is also the component that takes the most punishment and will eventually wear out. Drive belt life also depends on your riding style. If your belt starts to make a clicking sound upon braking or acceleration and becomes progressively worse, this is a sign of belt fatigue and should be changed.

To change the belt, follow these instructions:

- Remove the drive wheel by undoing the axle nut and washers. Grab the wheel with both hands turn clockwise and pull up on the wheel to remove from the axle.
- Remove the cowling panel by undoing the two allen screws to expose the belt.
- Inspect and replace the belt.
- Replace cowling panel.
- Place the wheel back over the axle, with two hands rotate the wheel clockwise and place some downward pressure at the same time being careful not to crush the belt.
- Once the large gear on the wheel has properly connected with the belt and slips in you may hear a click as the wheel is pushed up against the axle slot... which is great.
- Replace the washers and axle nut, being careful not to over tighten.

Replacements belts are available at from your distributors website.

AXLE

The front and rear axles are preset and do not need adjustment. The front axle has two compression springs either side of the main urethane bush. Removal and replacement of these springs require due care. When replacing the springs or bush you will need to remove the 4 bolts holding down the base plate. The springs will cause the axle to rise, allowing you to remove the front assembly. Change springs and bush if needed and reverse order to replace the axle and motor assembly. Should there be a need to remove the main urethane bush it will need to be reinstalled to a preset torque setting of 22Nm this can be achieved using an electronic torque wrench.

SYNTHETIC GRASS COVERING

This specialised surface is designed to be used with golf shoes that have synthetic spikes. If you do not own a pair of golf shoes with synthetic spikes it is recommended that you purchase these for use when riding the GSC™ to ensure you have the best grip possible. The use of sports shoes with aggressive tread pattern may be used, however it is NOT recommended that you ride the GSC™ with any footwear that has a smooth sole.

DO NOT WEAR METAL SPIKED GOLF SHOES AS THIS WILL DAMAGE LOGO GRASS SURFACE.

Due to excessive wear it may be necessary to replace the GSC™ mat.

- Ensure that you remove the kickstand bolt.
- The logo grass surface has a Velcro back.
- Peel back the synthetic grass covering and replace with new covering.
- Ensure that you replace the kickstand bolt securely.

TROUBLE SHOOTING TIPS

The indicator light on the charger is red.

Recharge the GSC™ until the light turns green.

If the light stays red, your batteries may be dead and cannot be recharged. We have specialised equipment to check this and you may need to return the battery to us. Refer to returns policy above under warranty terms & conditions.

Don't forget it can take up to 1-3 hours of solid charging, before the red light on the charger goes out.

Also, check the wiring of the battery, make sure that all wires are connected in the battery box and none have been broken loose.

If the charger light won't go red when plugged into the battery, the charger may be broken and need replacement. Contact us and we'll ship an immediate replacement If still under warranty.

GSC™ and Trigger Controller do not synchronize properly. Refer to synchronization steps above.

Turn GSC™ and Trigger Controller OFF.
Turn GSC™ ON, and turn Trigger Controller ON. Wait 10 seconds to establish connection.

Controller and GSC™ receiver are wet or moist.

Drain, and allow to thoroughly dry out. If damaged beyond repair, trigger controller may need replacement.

I can't charge my GSC™!

Either the charger or the battery is at fault.

Here's how to quickly find out which one is at fault: Check battery status and voltage on the computer control screen. A fully charged battery should have 6 bars illuminated and be between 37.5v-40v. If after a full charge your battery reads less than 4 bars or under 35v your battery may be at fault. You may need to return this to your GSC™ distributor to check. To check your charger plug into a partially used battery, if your charge light remains green and does not turn red then your charger needs to be replaced. Always ensure that when you plug in your charger and the red light illuminates your charger fan starts to operate, failure for fan to start may cause overheating of charger and permanent damage. Your fan will not operate if green light is visible.

If your battery feels hot to touch, disconnect immediately and contact your distributor for advice.

GSC™ is not charged, but charger always reads GREEN when plugged in.

Replace the charger.

Bearing is noisy or damaged.

Place GSC™ on side and turn wheel, If checking a drive wheel you may need to remove drive belt first, if noisy or feels gritty then you need to change bearing.

One of the motors run, but drive wheel does not turn.

Drive Belt is broken. Replace Drive Belt. Drive back carefully on remaining motor and do not tackle large or steep hills unless you are walking next to GSC™.

Nothing's working!

Relax - we totally understand your GSC™. We have never failed to get a GSC™ going so contact your distributor.

Visit: www.golfskatecaddy.com to find a distributor in your country or area.

Strong vibration or loud high-pitched noise while riding.

Drive belt is loose or has worn out - listen to see where sound is coming from to identify forward or rear belt. Check if all wheels are smooth to turn, pumped up, if the drive wheel does not feel like it turns with even pressure in a full rotation, a stone, wood, debris may be inside the belt housing, remove the drive wheel check for anything while turning the drive wheel, remove, clean, check for damage on the teeth of the drive belt and sprockets.

Your GSC™ is a constantly evolving technology and so may be subject to change without notice. To ensure that you have the latest information on updates, maintenance and model variations, always make sure you visit the website www.golfskatecaddy.com

NOTHING *RIDES* LIKE A
GSCTM
GOLF SKATE CADDY

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