

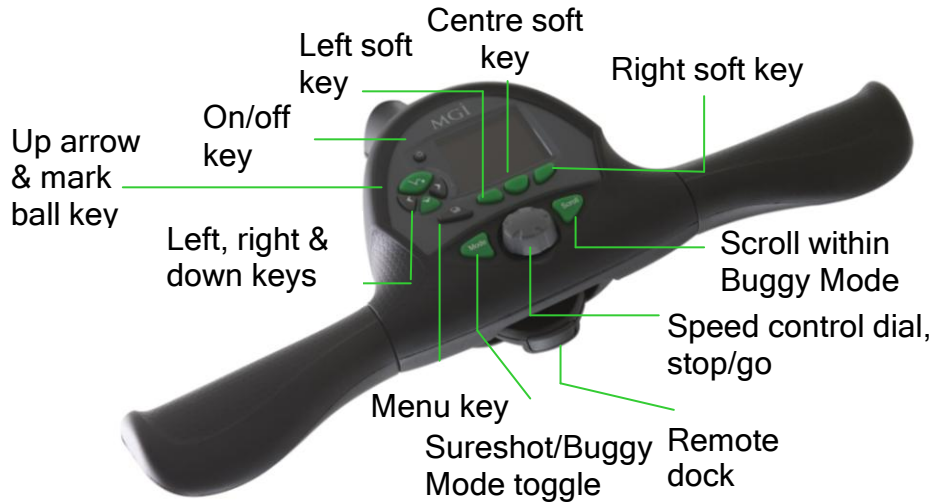


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CruiserGPS

**MAINTENANCE/SERVICE MANUAL
INSTRUCTION MANUAL**





Navigating around your Sureshot Homepage

Play Golf	> Select Course	Play
		Resume
Map Course	> Start Mapping	
	> Edit Course	
	> Delete Course	
Analyse Game	> Select Game	Score
		Statistics
		Back 9/
		Front 9
Features	> Setup	Units
		Scoring
		Backlight
		Date/Time
	> Status	GPS Information
		GPS Signal
		Navigation
		Battery Status
		Capacity
		Registration
		Reset Unit
	>Demo	View



The Sureshotgps™ part of the CruiserGPS is extremely easy to use. Most operations can be performed with the press of one or two keys. The soft keys change their function depending on the screen display. The function of each soft key is shown in the green bar at the bottom of the display. The menu key is used to display the main menu or exit from sub-menus.

Welcome to your CruiserGPS, golf course green and hazard distance finder and buggy controls. Please read the following information in this booklet to ensure you gain the full benefit of all the features on your CruiserGPS buggy.

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Section 1 Top Box Instruction Manual

1.1 Charging your remote control

Before you start using your CruiserGPS buggy you must fully charge the remote control internal lithium ion battery for approximately 6 hours or overnight with the AC charger. The top right indicator light will flash while charging.

Connect the AC world charger to a suitable power source, using the compatible AC pin plug. Plug the USB cable from the AC charger into the remote control. The USB connector is located on the bottom of the remote control. Ensure that the orientation of the plug matches the socket in the remote control unit.

Turn on the power to the AC adapter. You should allow six hours to fully charge the battery. You cannot over-charge the battery so you can leave it charging in between use.

You can also charge the remote control using the supplied USB cable and connecting it to a computer. Note that you should not charge a completely flat battery using this method. You should use the AC charger. The battery will take longer to charge when using the USB cord.

1.2 Registering Online

To begin using your CruiserGPS, the product must first be registered online. Registering will activate your warranty period and enable course map downloads.

DO NOT CONNECT YOUR REMOTE CONTROL TO YOUR PC UNTIL PROMPTED.

You will need to have an internet connection

You need to go to www.mgikaddy.com

Click on the *My Buggy* button

Click on *Register* and follow the prompts

1.3 Upgrading your membership

Your purchase of a GPS Series buggy entitles you to a 12 month Silver Membership and you can upgrade to a Gold, Platinum or Platinum Plus Membership detailed below.

Silver Membership

A Silver Membership entitles you to download up to 3 golf courses for the year.

Gold Membership

A Gold Membership entitles you to unlimited uploads and downloads and your CruiserGPS can hold up to 10 golf courses at any time.

Platinum Membership

A Platinum Membership entitles you to unlimited uploads and downloads and your CruiserGPS can hold up to 20 golf courses at any time.

Platinum Plus Membership

A Platinum Plus Membership entitles you to unlimited uploads and downloads and your CruiserGPS can hold up to 40 golf courses at any time.

You can purchase a Gold, Platinum or Platinum Plus Membership for one, two or three years.

Secure payments online

Protégé Sport Pty Ltd T/As MGI uses Secure Pay as their payment gateway for secure payment over the internet. Secure Pay is the safe way to make transaction on the internet. For more information on Secure Pay please visit www.securepay.com.au.

1.4 How to download a course map

You need to be connected to the internet

You need to have your Remote Control connected to your PC via the USB cable

Go to www.mgikaddy.com

Click on **My GPS Buggy > Download courses**

A screen will open up and at the top it will allow you to **download/upload courses**

Follow the prompts and download the courses required. Depending on your level of membership you will be able to download up to 40 courses.

1.5 Understanding GPS

What is GPS and how does it work?

The Sureshotgps™ function of the buggy uses the Global Positioning System [GPS] to work out how far you are from the green or hazard. The system relies on the buggy receiving signals from orbiting GPS satellites.

How long does it take to gain reception from the satellites?

Ensure your buggy has been turned on outside for at least five minutes before you wish to use it.

Can I use my CruiserGPS inside the home or office?

The Sureshotgps™ function will not generally gain reception inside. For best accuracy, your CruiserGPS unit should have an unimpeded view of the sky.

1.6 Checking for GPS Signal

Before checking the status of your GPS signal, ensure you have clear sky above your buggy and the CruiserGPS unit has been on for at least five minutes.

You can check the status of GPS reception by going to:

Sureshot Homepage > Features > Status > GPS Information > GPS Signal

It will display the satellite number and signal strength for each satellite. A blue bar indicates that the satellite is being used in the position calculation. A red bar indicates that the satellite signal is being received but it is not used in the position calculation. The latitude and longitude of the current position is also displayed.

The GPS signal strength is also displayed via a five column bar graph on the main menu page. Once again, a blue bar indicates that the satellite is being used in the position calculation. A red bar indicates that the satellite signal is being received but it is not used in the position calculation.

1.7 Navigation

Displays velocity, heading and odometer.

Sureshot Homepage > Features > Status > GPS Information > Navigator

1.8 Setting the date format and time

Go to Sureshot Homepage > Features > Setup > Date/Time > Set Local Time

Choose dd/mm/yy or mm/dd/yy

The CruiserGPS unit has a real time clock and receives the time from satellites. To adjust the time for daylight saving use the **up/down** arrows to change the hours displayed time to the correct time. Use the **left/right** arrows to move between hours and minutes. Press the **Save** soft key to save the correct time.

Press the Menu Key to go to the main menu

1.9 Setting the measurement unit – metres or yards

Go to **Sureshot Homepage > Features > Setup > Metres/Yards**

Choose **Metres** or **Yards**. Press the Menu Key to go to the main menu

1.10 Scoring

Go to **Sureshot Homepage > Features > Setup > Scoring**

Choose **On** or **Off**. Press the Menu Key to go to the main menu

1.11 Registration – Check for ownership

Go to **Sureshot Homepage > Features > Status > Registration**

Displays the software version, unique electronic serial number, registration date, model and owner details.

1.12 Reset Unit

Go to **Sureshot Homepage > Features > Status > Reset Unit**

This enables you to reset your CruiserGPS to the factory settings. It will delete all loaded courses, saved games and reset features to their default values. It does not reset the registration details.

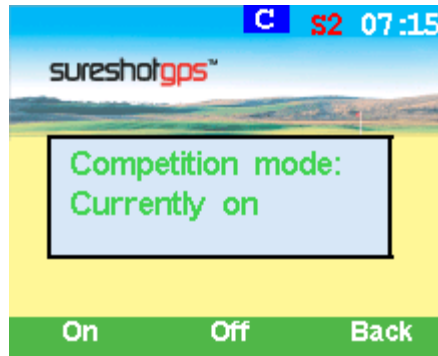
1.13 Pair Remote

Go to **Sureshot Homepage > Features > Buggy/Remote > Synchronise**

1.14 Competition Mode

You can enable Competition Mode which disables the GPS signal, the Play Golf functions and it does not display any distances under Buggy Mode.

Go to **Sureshot Homepage > Features > Buggy/Remote > Competition Mode**



1.15 Buggy Mode

Buggy Mode displays statistics. View buggy mode by selecting the “Mode” key. To view all statistics scroll through the menu using the “Scroll” key. Buggy Mode displays:

Distance travelled in time and kilometres

Life and round time of the buggy

Shot measuring distance

Remote control and buggy remote control capacities

Speed in km/h or mph, and selected speed level between 1 – 9

Servicing schedule reminders in kilometres

You can reset these statistics except for the life of the buggy and servicing schedule reminders.

1.16 Playing Golf

To begin using your Sureshotgps™ mode on the golf course, you must map or download a course first (unit must be registered). See how to download courses under How to download a course map.

- a. Ensure that your CruiserGPS has been turned on for at least five minutes with clear access to the sky before you begin playing your game of golf.
- b. From the Sureshot Homepage use the **up/down** arrows to select **Play Golf** and then press the **Select** soft key.
- c. Use the **up/down** arrows to select the desired course and then press the **Select** soft key.
- d. Details of the chosen course will be displayed. Press the **Play** soft key.
- e. One of two viewing screens will be displayed. To switch between the two screens press the **View** soft key.
- f. Details of the chosen course will be displayed. Press the **Play** soft key.
- g. If hazards have been mapped for the hole, the **Hazard** Screen will be displayed. If there are no hazards for the hole the **Green** Screen will be displayed.


- h. Press the **View** soft key to change between the **Green** Screen and the **Hazard** Screen.
- i. Press and hold the **Mark Ball** (up arrow key) key to mark the position of the ball at the beginning of a drive. Press the **Back** soft key to return to the Play Screen.
- j. Press and hold the **Mark Ball** (up arrow key) key to view the drive distance. Press the **Save** soft key to save the drive distance or the **Remark** soft key to remark a ball position. Press the **Back** soft key to return to the play screen.
- k. The **Green** Screen will show the distance to the front, centre and back of the green. The status bar at the bottom of the display shows the soft key scoring options if scoring is enabled.
- l. If scoring is enabled, on the **Green** Screen press the **Putt** soft key to increment the putt count. Hold down the Putt soft key to decrement the putt count. Press the **Sand** soft key to set sand saves.
- m. The **Hazard** Screen shows the distance to the centre of the green and for each hazard the distance to the front and the carry distance. Each hazard is labelled **L – Left, C – Centre or R – Right**. If there are more than three hazards a red arrow will be displayed. Use the up/down arrows to scroll through the mapped hazards.
- n. If scoring is enabled, on the **Hazard** Screen press the **Fairway** soft key to set fairway hit. Press the **Green** soft key to set greens in regulation.
- o. If there are no hazards mapped for a hole and scoring is enabled, the **View** soft key is used only for the scoring options.
- p. If scoring is enabled, press and hold the **View** soft key to display penalties and green up/downs on both the Green and the **Hazard** Screens. Press the **Pens** soft key to increment the penalty count. Hold down the **Pens** soft key to decrement the penalty count. Press the **up/down** soft key to set greenside up and downs.
- q. If scoring is enabled, press the **right** arrow key to go to the display **Score** Screen. If scoring is not enabled the next hole will be displayed. The score defaults to the par of the hole. Use the **up/down** arrows to increment/decrement the score. Press the **right** arrow key to go to the next hole. Press the **left** arrow key to display the previous hole.
- r. If scoring is enabled, at any time during the game, press and hold down the **down** arrow key to display the current score. Press the **Done** soft key to return to the game.
- s. Press the **Menu** key at the end of the game. If scoring is enabled press the **Yes** soft key to save the score. Press **No** to discard the score and return to the Main Menu.



First View

The first viewing screen, to the left, displays the distance to the hazards to the carry of the hazards for each hole on the right side.

A red arrow is displayed on the screen when there are more than three hazards per hole. Use the up/down arrows to scroll through the

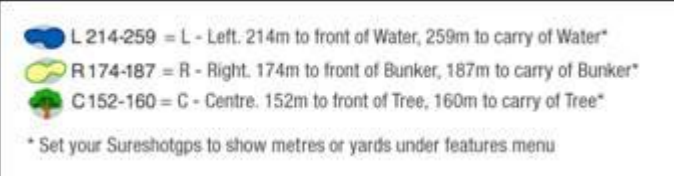
	<p>mapped hazards. The distance from you to the centre of the green is shown on the left side.</p>
	<p>Second View</p> <p>The second viewing screen, to the left, displays the distance from you to the front, centre and back of the green. These measurements are displayed in metres or yards depending on your preference (see instructions under Setup).</p>

1.17 Understanding the Icons

The greens and hazards are all represented in easy to read icons:



The distances are displayed in the following format:











1.18 Scoring

This feature is switched **On** or **Off** from the:

Sureshot Homepage > Features > Setup > Scoring

To begin scoring first select the hole you are hitting off from. If hitting from the 5th hole press the left arrow key until Hole 5 is displayed then follow the following steps:

- Press the **fairway** key  to record fairway hit.
- Press the **green** key  when the green is hit in regulation.
- Press the **view** key  to change screens and record Putts and Sand saves.
- Hold down the **view** key  to display Penalties and Up/Down.
- Press the **right arrow** key  to display the Final Score screen.
- Use the **up** key  and **down** key  to increment/decrease score.
- Press the **right arrow** key  to move to the next hole.
- Repeat the process for Play Golf and Scoring.
- At any time the score card can be displayed by holding down the **down** key. 

If scoring is switched **Off** the **Fairway**, **Green**, **Putts** and **Sand** soft keys are not displayed.

1.19 Mapping a course

When mapping a course it is ideal to map all the hazards as well as the greens. Good mapping involves taking account of relevant hazards and all greens in sequence. There is no need to map tee off areas as your CruiserGPS will always tell you how far you [the CruiserGPS] are to those hazards and greens that you have mapped.

- a. Turn on your CruiserGPS. You will need to wait up to five minutes for the Sureshotgps™ to lock in to the available satellites.
- b. Press the **Menu** key.
- c. Select **Map Course** using the down arrow.
- d. Select **Start Mapping** and enter the full course name, for example, Commonwealth Golf Club. Select the desired letters using the **up/down** and **left/right** arrow keys. Press **Save** once complete.
- e. Press the **Map** soft key to map the course or the **Back** soft key to return to the previous display.
- f. Using the **up/down** arrow keys select the hazard type of the first hazard which appears on the first hole. Press the **Select** soft key.
- g. Select from **Left**, **Centre** or **Right** to indicate where on the fairway the hazard appears.
- h. Walk to the front of the hazard, press the **Front** soft key. The Sureshotgps™ will count down from **10** seconds while it locks in the GPS position.
- i. Walk to the **Carry** (back) of the hazard, press the **Carry** soft key. The Sureshotgps™ will count down from 10sec while it locks in the GPS position.
- j. Once complete, press the **Done** soft key.
- k. Repeat this process for each hazard.

- l. After the last hazard use the **up/down** arrow keys to select the **Green** icon and press **Select**.
- m. Walk to the front of the green, press the **Front** soft key. The Sureshotgps™ will count down from **10** seconds while it locks in the GPS position.
- n. Walk to the back of the green, press the **Back** soft key. The Sureshotgps™ will count down from **10** seconds while it locks in the GPS position.
- o. Walk to the centre of the green, press the **Centre** soft key. The Sureshotgps™ will count down from **10** seconds while it locks in the GPS position.
- p. Press the **Right** arrow key to move to the par of the hole. The **Par** of the hole is selected using the **Up/Down** arrow keys.
- q. Press the **Right** arrow key to go to the next hole.
- r. Repeat these steps for each hole on the course.
- s. To exit mapping and save the course press the **Menu** key. A message will be displayed noting the saved course number.
- t. You can now upload your course for saving.
- u. You need to be connected to the internet and have your remote control connected to your computer.
- v. When you have logged onto www.mgikaddy.com follow the prompts.

Hint: When mapping hazards ensure you have regard to where you would have come from [that is the tee off area] and where you are going [that is the green].

1.20 Editing a course

You can edit a course that is on your CruiserGPS. You may like to add a layup point or a reference point, or add a hazard that was not included in the original mapping.

Go to **Sureshot Homepage > Map Course > Edit Course**

1.21 Deleting a course

You can delete courses that are stored on your CruiserGPS.

Go to **Sureshot Homepage > Map Course > Delete Course** Press the **Yes** soft key to delete the course. Press the **No** soft key to return to the previous display. Press the **Menu** key to return to the main menu.

1.22 Analyse a game

The CruiserGPS offers the unique function of analysing game scores and shots if they were recorded during the game (see Scoring for instructions).

- a. From the main menu use the up/down arrows to select **Analyse Game** and then press the **Select** soft key.
- b. Use the **up/down** arrows to select the desired **Game** and then press the **Select** soft key.
- c. Press the **Statistics** soft key to view the statistics for the game.
- d. Press the **Score** soft key to display the score for the game.
- e. Press the **Back 9/Front 9** soft key to toggle between the front 9 and back 9 scores.
- f. Press the **Done** key to go back to the Select Game display.

- g. To delete a game use the **up/down** arrows to select the desired **Game** and then press the **Delete** soft key. When prompted press the **Yes** soft key to delete the game or the **No** soft key to return to the game list without deleting the game.

1.23 Demo

To view the demonstration screen on the CruiserGPS, Go to **Sureshot Homepage > Features > Demo**. This will provide a rolling demonstration of how the CruiserGPS shows distances when in the **Play Golf** mode. By pressing the **View** soft key, the two viewing screens per hole can be seen.

Section 2 Buggy Instruction Manual

Charging and care of the battery

2.1 Charge and care of the battery

Prior to the **first** and after every use charge the battery. The battery and charger comes with an easy connection system, red to red and black to black.

Important: - The battery must be charged at least overnight before its first use.



Your battery is designed for 18 holes only. If you play more than 18 holes before recharging, the battery's life could be compromised.

Always recharge the battery as soon as possible after use, no matter how short the period of use. Your battery will charge best lying flat in a warm location with and air flow.

Note: In winter, it is best charged in a warm location and off any concrete floor.

During play, minimise the drain on the battery by avoiding taking your buggy into the rough whenever possible.

Avoid using the buggy to pull you up hills.

In between use, always leave the charger connected to the battery with power on.

If you are not playing golf for some time, you may disconnect the battery once it is charged. The battery will need recharging at least every 3 months and must be recharged prior to use. The battery should be stored in a dry and warm environment.

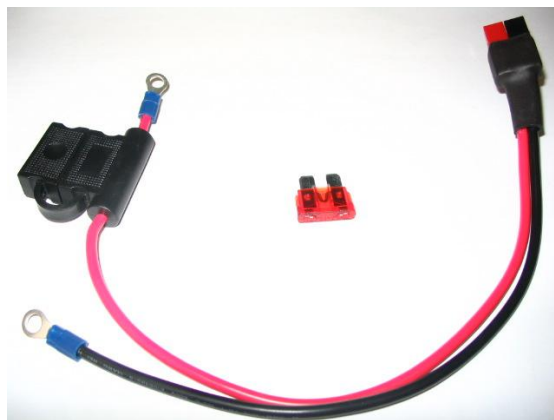
The battery is a sealed battery. If you are intending to take your buggy and battery on air travel, we advise that you make contact with your airline prior to travel.

Be very careful not to drop your battery. The battery casing is easily cracked and the battery's life will be severely compromised.

2.2 Fitting the battery

Once charged, the battery can be fitted to the tray. The battery comes with a battery cover, carry handle and battery leads.

- a. Place your battery in the tray with the leads facing to the front of the buggy.
- b. The battery tray has a battery securing strap.
- c. The securing strap is to be used at all times as it protects your battery against damage from falling out.
- d. The battery lead can now be connected to the battery tray. Connect red to red and black to black.



2.3 Battery lead fuse

Your CruiserGPS has a 40 amp fuse connected to the battery lead. The 40 amp fuse helps protect the buggy's control board against a power surge.

An extra fuse is supplied with your buggy.

In the unlikely event of your buggy stopping, the reason could be the fuse has blown. Check and replace if necessary.

The replacement of the fuse will allow you to continue using your buggy. If the fuse blows, contact your service centre.

2.4 Fail Safe Connection

Your buggy has been equipped with fail safe battery connection. Your buggy will only start once you increase the speed control.

2.5 Attaching/removing wheels

If your buggy comes with the wheels off, they should be placed in position prior to unfolding. To put the wheels on you will need to align the four slots on the inside of the wheel with the same four on the drive dog on the axle. To engage the rear wheel, depress the quick release catch until the wheel is in place.



Align the four slots on the wheel with those on the drive dog teeth.
Depress the quick release catch, whilst putting wheel in position on the axle

Your CruiserGPS buggy uses a gear system, whereby the two rear drive wheels do not free wheel. The motor needs to be running for the buggy to move. Drive will only occur when the speed control is turned on.

If for some reason your buggy stops operating during your golf round, your buggy can free wheel. Simply depress the quick release tag and at the same time move the wheel outwards about 10mm from its current position. Release the tag and allow the wheel to click into its outer position. By doing this, you have disconnected the wheels from the drive and they can rotate freely.

2.6 CruiserGPS

Your CruiserGPS employs auto range detection so the buggy will not go out of range of the remote control (80 metres). A battery saving feature has also been added to the operation of your remote control. If some reason you do not touch the remote control for three minutes whilst your buggy is within range, the buggy will stop. Simply press a command on the remote and the buggy will resume whatever task you seek of it.

2.7 Folding/Unfolding your buggy

Practice unfolding and folding the buggy using the steps below. This means when you go to play golf you will be somewhat familiar with this task.

Press the button on the lower folding mechanism and fold the lower handle

Press the button on the upper folding mechanism and fold the upper handle

Collapse the handle until both folding mechanisms lock into place

Bend your knees and lift the buggy using the front lifting handle and rear lifting bar



The following order of steps is suggested when folding your buggy down:

Seat and stem off

Golf bag off

Battery off and directly into the boot of the car. This will save double handling

Sand bottle and holder off

Disengage 4th wheel after having removed and wiped it down

Fold down buggy and place into the boot of the car

2.8 Fitting your golf bag

Separate the clip located on the top bag support

Expand the strap so it fits around the golf bag

Place your golf bag on the buggy

Clip the top bag support strap in place

Pull the top bag support strap tight

The bottom strap should not be removed from its position and can be pulled over the bag by holding the webbed section of the strap and pulling it over the base of the golf bag



2.9 Positioning the seat

Place the seat stem into its position in the seat stem bracket on the right hand side of the buggy.

IMPORTANT: DEPRESS THE SEAT WITH YOUR HAND BEFORE SITTING. DO NOT USE THE SEAT ON UNEVEN SURFACES.

Please note MGI does not warrant any seat support brackets that are damaged or bent.



2.10 Assembling the umbrella holder

Your buggy comes with an umbrella holder. The umbrella holder needs to be bolted into position. Simply follow the pictures above. When not in use the umbrella holder can be turned to its side. If you take your buggy home in your car, you may need to do that prior to folding the buggy down. Your umbrella holder can be adjusted both to the side and backwards and forwards.

The umbrella is secured inside the umbrella holder by tightening the plastic bolt located near the top of the holder.

DO NOT LEAVE YOUR UMBRELLA UP IN THE UMBRELLA HOLDER IN WINDY CONDITIONS.

If the wind catches the umbrella, it could cause your buggy to tip over and cause damage, which will not be covered by warranty.



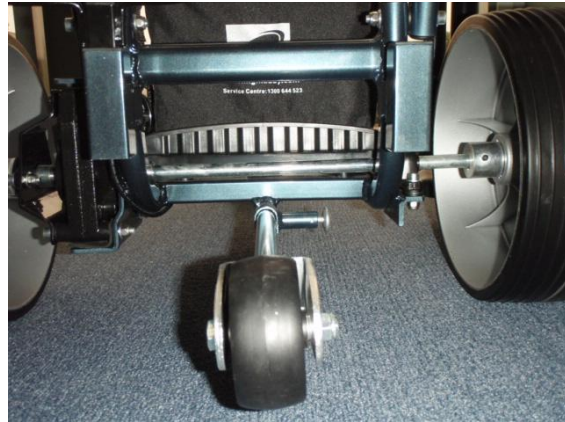
2.11 Sand bottle and holder

Your buggy comes with a sand bottle and holder, place this in position at the rear of the buggy.

2.12 Engaging the 4th wheel

Important: To avoid damage to your buggy always engage the 4th wheel prior to playing golf, regardless of the terrain you are playing on.

To engage the 4th wheel, pull on the spring loaded locking pin, begin to slide the 4th wheel back, release the locking pin and continue sliding the 4th wheel back until the locking pin locates itself into position.

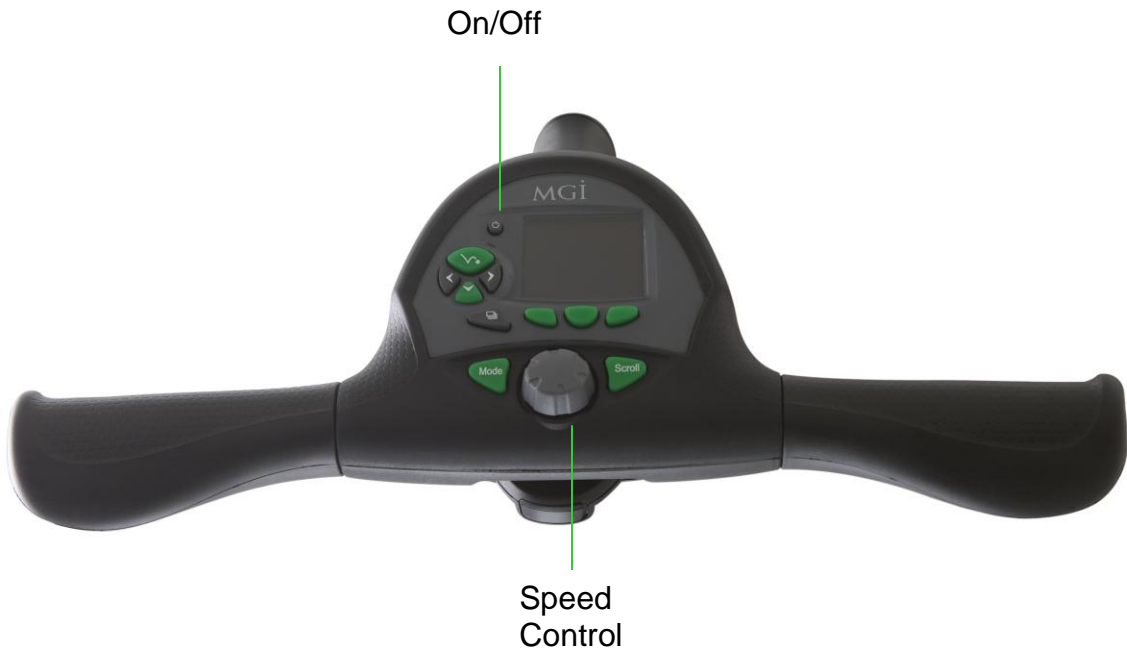


The 4th wheel should be cleaned regularly. Remove the 4th wheel by pulling on the spring loaded locking pin and slide the 4th wheel all the way out of its housing. The 4th wheel can then be cleaned with a cloth. Then reinsert the 4th wheel into its housing and pull on the spring loaded locking pin.

2.13 The front wheel and suspension system

Your buggy has a unique front wheel system which includes suspension, and the front wheel can also swivel 360 degrees. The main advantage of this is that your buggy is highly manoeuvrable. You only need to turn the buggy handle and your buggy will turn. The suspension helps reduce the amount of shock the buggy will take when going over hills, bumps, ruts, etc.

2.14 Top box control features



On/Off – Press the on/off button to turn the buggy on and off

Speed Control – Turn speed control clockwise to set the desired speed [S1 to S9 – the higher the number the higher the speed] and press the speed control to start the buggy. To accelerate speed, turn the speed control clockwise. To slow the buggy down, turn the speed control anti-clockwise. To stop the buggy press the speed control.

The speed setting is red when the buggy is stopped and white when the buggy is moving.

2.15 Remote control features



Forward Arrow - Press to accelerate the buggy. The longer you depress the button, the faster the buggy travels. Please note: If you wish to regain the speed you were travelling at prior to the last stop, simply press the forward button twice in succession. The buggy will accelerate to the last speed setting. This feature works only when you press the stop button to stop the buggy rather than pressing the down arrow.

Down Arrow - Decreases the speed and provides for reverse. If you are moving forward, the down arrow can be used to decrease speed, the longer the pressure, the slower the speed until it stops. To operate the **Reverse mode** you must stop the buggy first. Press the down arrow and the buggy will reverse. The buggy will move in the backward direction only whilst you keep the down arrow depressed. If you take your finger off the down arrow the buggy will stop [safety feature].

Left and Right Arrows - Press the appropriate turn command and keep pressed until the degree of turn is achieved. Momentary pressure will make a small adjustment to the direction, whilst prolonged will increase the amount of turn.

Soft Braking - The CruiserGPS is equipped with electronic soft braking. This means when you apply a left or right turn for less than a second, braking will be soft. This is most useful when you are using your buggy to make small or part turns. If you press either turn button for more than one second, your buggy will sense you want a sharp turn. At this point full braking is applied.

Transmitter range and heart beat: The range of the CruiserGPS is up to 80 metres. Your CruiserGPS also has a heart beat interaction between the transmitter and receiver. This means they stay in contact with each other at all times. If the buggy goes out of range of the transmitter your CruiserGPS will stop automatically.

2.16 Useful hints when using your CruiserGPS

Your CruiserGPS has sophisticated electronics onboard. Avoid guiding your CruiserGPS through puddles of water. The electronics are designed to handle all types of bad weather, but not to be immersed in water.

Use handlebar controls in car parks. The navigation system may be affected around steel products.

Use handlebar control in confined spaces. To maintain maximum control in confined spaces such as pathways it is recommended that the remote is not used.

Your CruiserGPS has a range of up to 80 metres. Golf etiquette is essential at all times. Do not operate your Navigator GPS in the vicinity of people playing their shots.

To lock the Remote Control, press "STOP" and then two presses of the top right hand white button within one second. The locking is verified with three quick flashes.

2.17 Understanding your buggy and suggestions for dealing with unusual situations

Your CruiserGPS is the result of many years of research, development and many years of evolution on the golf course.

We have listed some unusual buggy behaviours and given suggestions to check and correct. This is not a step-by-step list.

Situation 1: The CruiserGPS stops responding to its remote control.

What to do:

If the buggy battery has not been replaced for a long time, then this could be the cause of the transmitter not working. Also, check the battery terminals inside the remote control to ensure they are clean and provide good tension against the battery when the battery is re-installed.

- Replace the battery. The battery should be replaced every six months or less if used often.
- Ensure you are using YOUR remote control, not one from another CruiserGPS
- Check that the LED on the top left of the remote changes colour when you press any button on the remote control. If there is light, remove and reinstall the battery.

When replacing or reinstalling the buggy battery ensure that the battery is installed correctly: positive to positive and negative to negative. Check the remote's operation again.

- Check that the buggy's wheels are properly engaged with the drive dogs on the axles. If the rear wheels are not properly engaged, the CruiserGPS will not move.
- Check that the buggy has not been accidentally turned off at the "ON/OFF" button.
- Check that the main battery is properly connected. Disconnect the battery lead from the battery tray and then reconnect.
- Check the battery capacity under the Buggy Mode Main Menu. Ask yourself, was the main battery charged after its last use?
- Check to see if the CruiserGPS responds normally to the operation of the top box buttons. If not, disconnect the buggy battery and check both battery connector parts for dirt or damaged contacts. If OK, re-connect the battery and check the buggy's operation again.

If the remote still does not operate, contact your MGI service agent.

Situation 2: The buggy remote range is not up to expectation or has reduced over time.

Check the remote's battery. It could be near flat and requires replacement. If you have not replaced for some time it should be replaced. Each six months it should be replaced. If you play a lot of golf, it may need replacing more often.

Important:

The CruiserGPS's remote uses radio frequency (RF) transmissions to control the buggy. On some occasions, it is possible to experience RF propagation problems which can temporarily reduce the control range. In addition, the buggy can be 'deafened' by nearby RF interference.

2.18 Frequently Asked Questions and Answers - Buggy

Question: Is it important to register my purchase for warranty purposes?
 Answer: You will be required to register your buggy prior to use which will begin your warranty period. This is done online at www.mgikaddy.com

You must register your purchase as soon as possible with MGI. You can register online at www.mgikaddy.com. The serial number for your buggy is located underneath the top handle scorecard compartment.

Question: How often should my battery be charged?
 Answer: Your battery should be left charging between uses. After playing, put your battery back on charge as soon as possible. Leaving your battery in a discharged state will shorten its life.

Question: Should I discharge my battery fully to remove memory?
 Answer: No – Gel batteries do not have memory issues. Fully discharging the battery will damage it and the charger will not be able to recharge the battery.

Question: Where can I take my buggy to be serviced?

Answer: There are more than 100 service centres across Australia - please visit our website www.mgikaddy.com for an up-to-date listing or contact us on 03 9873 4433 or 1300 644 523.

In Melbourne you can also bring your buggy to our main service centre at head office at 11 Maurice Court Nunawading (Melways Ref: Map 48 H11).

In the Melbourne & Sydney areas, there are mobile service vans that visit most golf courses and retailers.

Question: My buggy turns in circles.

Answer: a) Ensure that each rear wheel is locked in position.
b) If the wheels are locked in position then the drive pin on the drive dog may be broken.
c) Check the status of your main battery. Your buggy will go in circles when the battery is nearly flat.
d) If problem persists please contact the service centre.

Question: My buggy does not respond to my remote.

Answer: a) The battery inside the remote may need replacing.
b) If the battery is OK and your buggy works in the manual mode please contact the service centre.

Question: My buggy remote flashes red and wont communicate with buggy.

Answer: Your remote control is locked. To unlock the Remote Control, press the top left hand white button two times within a second.

MGI invests large amounts of capital towards advancing the mechanical and electronic features of its range of buggies. Should you have any feedback or suggestion which would further enhance the performance of our buggies, we would welcome your correspondence.

If you have any concerns relating to the use of your motorised golf buggy do not hesitate to call us at 1300 644 523. Thank you for your assistance and continued support.

Most importantly please provide us with your email address so that we can forward to you technical updates and other information. Please email MGI on support@mgikaddy.com

Section 3

Maintenance Service Schedule

3.1 Important information about your CruiserGPS warranty

If operating in conditions such as those mentioned below, the speed controls, clutches, frame alignment, adjustment, tightening and axle alignment should be serviced at more frequent intervals than specified in this booklet:

playing more than twice a week
damp or wet conditions
rough, dusty or sandy conditions
hilly conditions

3.2 Warranty registration

Warranty registration can only be done online at www.mgikaddy.com.

3.3 Warranty service problem

Purchase date of the motorised buggy must be given before warranty is accepted for processing. In the event of a need for warranty service, either refer to the list of authorised service centres or call MGI on 1300 644 523.

3.4 Warranty policy

MGI CruiserGPS - For a period of 12 months or 1000kms, whichever comes first, in respect of the electronics, remote control, wheels, clutches, drive dogs, axles, battery, charger, frame, motor and gearbox, MGI or an authorised service centre or person will repair or replace free of charge any parts found to be defective in materials or workmanship under normal use provided that:

- The CruiserGPS has been properly used, maintained and regularly serviced
- At 6 months or 500km, whichever comes first, the CruiserGPS has been serviced by an authorised MGI service centre.
- The replacement or repair is performed by an authorised MGI service centre or the owner with MGI approval.

3.5 Warranty exclusions

The following events void warranty

- Any defect caused by misuse, negligence, accident or failure to carry out proper maintenance procedures.
- Any alteration performed by non authorised companies or people.
- Fitting of parts or accessories not recommended by MGI.
- Any damage caused by continued operation of the motorised buggy after it is known to be defective.

- Damaged seat support bracket on buggy chassis.
- Failure to have the CruiserGPS serviced at 6 months, or 500km, whichever comes first.

All implied warranties [save those preserved by statute] are excluded. Liability for consequential damages under any and all warranties are excluded to the extent exclusion is permitted by law.

3.6 Parts installed during warranty

Warranty coverage for components installed during a motorised buggy's warranty period shall consist of the duration of the buggy's warranty period, provided the warranty installation is performed by MGI, an authorised service centre or the buggy owner on approval.

3.7 Preventative Maintenance Program

For your warranty period to be maintained, the Preventative Maintenance Program has to be adhered to including 6 monthly/500km servicing. To properly provide for the continued operation of your motorised buggy, MGI has introduced its Preventative Maintenance Program [PMP]. The PMP consists of work to be carried out by both the owner and authorised service centres. To properly maintain the warranty of your MGI motorised buggy, it is essential that this work is carried out. This includes servicing by an authorised service centre every 6 months or 500km, whichever comes first. If the work carried out by the authorised service centre is to replace parts that are part of the maintenance schedule, the owner will be charged for the parts and labour. If the work to be carried out is part of warranty, MGI will bear the cost.

3.8 Cleaning your motorised buggy [See Maintenance Schedule]

To maintain good operation your buggy requires care and attention. Keep your buggy clean by using a cloth with warm water and a mild detergent. Do not hose down your buggy under any circumstance as your buggy has electronic components. Ensure that the seat stem bracket and sand bottle holder are cleaned to remove dirt and sand.

In addition remove and clean the 4th wheel tube.

3.9 Rear wheel axis [See Maintenance Schedule]

The rear wheel stub axles need to be lubricated regularly. Remove the rear wheels by depressing the spring clip and at the same time pull off the wheel. Apply petroleum jelly or light grease to the stub axles. Use a very small amount as the grease can attract sand. If you play in sandy conditions you should clean your axle and regrease fortnightly.

To refit the rear wheels you will need to align the wheel's four sided slot to its equivalent on the buggy to ensure the wheels are properly engaged. Ensure that the wheels are put on the correct side 'L' and 'R'.

3.10 Upper and lower bag straps [See Maintenance Schedule]

The upper and lower bag straps should be replaced as per the Service Schedule. The upper bag strap can be replaced by:

- Removing the left and right hand straps from the upper bag support.
- Undo and remove the screws holding the strap in position on the bag support.
- Remove and replace both bag straps.
- Insert bag strap securing screws.

The lower bag strap can be replaced by unclipping it from the bag support and installing the new bag strap.



3.11 Correcting the alignment of your CruiserGPS [See Maintenance Schedule]



If during use you find that the buggy veers to the right or left, please follow the instructions to correct the alignment:

1. If the buggy veers to the left, face the front wheel of the buggy and use the Allen key provided to screw the right bolt clockwise or the left bolt anti-clockwise.
2. If the buggy veers to the right, face the front wheel of the buggy and use the Allen key provided to screw the left bolt clockwise or the right bolt anti clockwise.

Test run the buggy and repeat the process until the buggy runs straight.

3.12 CruiserGPS top handle protection

Keep your top handle dry. Rain, humidity and all types of liquids or moisture can contain minerals that will corrode electronic circuits. If your top handle does get wet, dry with a soft cloth and place in an area which will allow for it to dry.

Do not use or store your CruiserGPS in dusty, dirty areas. Its moving parts and electronic components can be damaged.

Do not store your CruiserGPS in hot areas. High temperatures can shorten the life of electronic components, damage the battery and warp or melt plastics.

Do not store your CruiserGPS in cold areas. When your CruiserGPS returns to normal temperature, moisture can form inside and damage electronic circuit boards.

Do not use chemicals, cleaning solvents or detergents to clean the device.

Use a soft, clean, dry cloth to clean your top handle.

Rough handling can break internal boards and fine mechanics. Dropping the buggy on its top box control housing can permanently damage the electronics and is not covered under the terms of the limited warranty.

3.13 Charging and caring for your remote control lithium ion battery

There are two ways to charge the lithium ion battery inside the remote control.

Both methods connected to the remote control via the USB port on the base of the unit:

AC World charger with USB cable (provided)

USB cord via the PC (provided)

DO NOT USE ANY OTHER CHARGERS

You can check the status of the remote battery capacity by going to Buggy Mode.

The indicator button will light up when charging. It is recommended to leave the remote control on charge all the time when not in use. You cannot over charge the lithium battery. If the remote control is not being used for extensive periods of time, you may choose to take the unit off charge. It will require charging again prior to use.

3.14 MGI Service Schedule [CruiserGPS]

It is the owner's responsibility to ensure that all periodical checks, necessary adjustments and services are carried out. If in doubt please contact the MGI service centre on 1300 644 523. Any work performed on your buggy should be recorded on your service record regardless of the work.

Your warranty is only valid if servicing occurs at 6 month or 500km intervals, whichever come first, at an authorised service centre.

CruiserGPS	Monthly/ 100kms	Six Mthly/ 500kms	Yearly/ 1000kms	3 Years/ 3000kms
Wipe down the buggy with warm cloth after each use	BO			
Clean 4 th wheel	BO			

Lubricate rear wheel stub axles	BO			
Check and tighten all nuts and bolts		SC		
Check grub screws on bearing collars on axle bearings - tighten as required		SC		
Check and tighten handle pivots		SC		
Replace rear wheel drive dogs			BO/SC	
Replace rear wheel spring latches			BO/SC	
Replace rear wheel drive hubs			BO/SC	
Replace seat bracket & sand bottle loop plastic inserts			BO/SC	
Replace fused battery leads			BO/SC	
Replace stem cable			SC	
Replace rear and front wheels				BO
Replace handle grips				BO/SC
Replace 4 th wheel assembly				BO
Replace upper & lower bag straps				BO
Replace key mats on top box and remote control				SC
Replace speed control				SC

BO = Buggy owner can carry out this work

SC = Charged work to be carried by approved service centre

BO/SC = This service can be completed by either an authorised service centre or the owner of the buggy. The tools to tighten all nuts and bolts are provided with your maintenance/service and instruction manual. As part of MGI's Preventative Maintenance Program, the six monthly services are carried out by an authorised service centre and you will be charged for that service. Each yearly service should also include the six monthly service.

It is important for your warranty and the life of your buggy that the service record be observed and maintained. Monthly cleaning and lubrication need not be recorded on the service record.

3.15 Service record for CruiserGPS

SIX MONTH INSPECTION	DATE: .	SERVICED BY:
	INVOICE NO:	SIGNATURE:
ONE YEAR INSPECTION	DATE: .	SERVICED BY:
	INVOICE NO:	SIGNATURE:
1½ YEAR INSPECTION	DATE: .	SERVICED BY:
	INVOICE NO:	SIGNATURE:
TWO YEAR INSPECTION	DATE: .	SERVICED BY:
	INVOICE NO:	SIGNATURE:
2½ YEAR INSPECTION	DATE: INVOICE NO:	SERVICED BY: SIGNATURE:
THREE YEAR INSPECTION	DATE: .	SERVICED BY:
	INVOICE NO:	SIGNATURE:
3½ YEAR INSPECTION	DATE: .	SERVICED BY:
	INVOICE NO:	SIGNATURE:
FOUR YEAR INSPECTION	DATE: .	SERVICED BY:
	INVOICE NO:	SIGNATURE:
4½ YEAR INSPECTION	DATE: .	SERVICED BY:
	INVOICE NO:	SIGNATURE:
FIVE YEAR INSPECTION	DATE: .	SERVICED BY:
	INVOICE NO:	SIGNATURE:
5½ YEAR INSPECTION	DATE: .	SERVICED BY:
	INVOICE NO:	SIGNATURE:
SIX YEAR INSPECTION	DATE: .	SERVICED BY:
	INVOICE NO:	SIGNATURE:
ADDITIONAL SERVICE	DATE: .	SERVICED BY:
	INVOICE NO:	SIGNATURE:
ADDITIONAL SERVICE	DATE: .	SERVICED BY:
	INVOICE NO:	SIGNATURE:
ADDITIONAL SERVICE	DATE: .	SERVICED BY:
	INVOICE NO:	SIGNATURE:

3.16 Technical and product support

For prompt response to all technical support and advice, please contact MGI directly rather than returning to the place of purchase.

For all technical support email: support@mgikaddy.com

3.17 Frequently Asked Questions – Top Box

Is the top box component easy to use? The CruiserGPS has been designed specifically for the golfer and is therefore simple in its operation. There are multiple levels of operation and the player decides on the level required. The simplest level gives distances to the green or recorded hazards and requires the press of one button at the start of each hole. If more information is required or recorded then the player can choose a higher level of operation and this can require the pressing of additional easy-to-use function keys.

Does my local club allow the use of measuring devices such as the Sureshotgps™? The R&A Rule of Golf 2008-2011 states that measuring devices are permitted in the game of golf, providing a local rule has been passed by the Golf Club. MGI encourages you to ask prior the club prior to using your CruiserGPS.

What do I do if my course is not on the database? We designed the CruiserGPS with a simple-to-use mapping capability. A course can be mapped while it is being played or simply by walking the course prior to a round and mapping the required co-ordinates. Mapping with the Sureshot allows the golfer to map not only the front, rear and the centre of the green but also up to 15 hazards and a lay up position for each hole.

3.18 Who can help me with technical questions & support?

Our friendly team is available on email at support@sureshotgps.com It is recommended you email your request rather than returning to the place of purchase for the fastest response to your enquiry.

3.19 Declaration of Conformity

We, MGI Pty. Ltd declare under our sole responsibility that the CruiserGPS conforms to all world standards of compliance.



MGI Pty. Ltd. operates a policy of continuous development. MGI Pty. Ltd. reserves the right to make changes and improvements to the CruiserGPS and any other of its products without prior notice.

The contents of this document are provided “as is”. Except as required by applicable law, no warranties of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, are made in relation to the accuracy, reliability or contents of this document. Sureshotgps™ Pty. Ltd reserves the right to revise or withdraw it at anytime without prior notice.

3.20 Software Licensing

This product contains embedded software. You have a non-exclusive, non-transferable right to use the software only as embedded in the hardware and may not copy, disassemble or attempt to reverse engineer the software or use it on any other hardware.

The software includes software supplied to **SS** by third parties (“**Suppliers**”) which is provided without warranty by such **Suppliers**. The software is owned by **SS** or its **Suppliers** and is protected by copyright laws and laws protecting trade secrets, intellectual property and confidential information.

3.21 Website information

Visit www.mgikaddy.com for all the information you will need about your CruiserGPS.

