



FX7 GPS

OWNERS MANUAL

POWAKADDY.COM



PGA is a registered trade mark of the Professional Golfers' Association Limited.



All PowaKaddy electric trolleys have been awarded the Quiet Mark by the Noise Abatement Society.



Thank you for purchasing the all new Powakaddy. Please read the following instructions carefully. Battery care is very important, please refer to Section 14 for detailed instructions.

When you receive your new Powakaddy you will have the following:

1 x Trolley | 1 x Battery | 1 x Charger | 2 x Wheels | 1 x Instruction pack

1 Product Warranty



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Register Now**

www.Powakaddy.com/my-Powakaddy

Please take a moment to register your new products to receive the *Extended Warranties.

You will require the serial numbers for the Trolley, Battery and Charger. These are located on the individual items. The serial number on the trolley is located in the rear joint, *See image*.

**Terms and conditions apply. See powakaddy.com for details.*

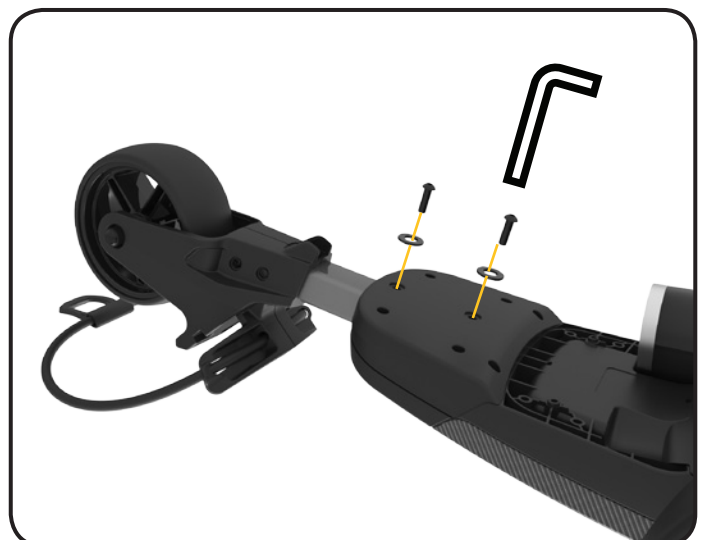


2 Getting Started

Remove the front wheel assembly, wheels and frame from the box.

Slide the front wheel assembly into the frame and secure using the two Hex bolts and washers provided in the Manual Pack using the supplied Hex Key. Note: please save the hex key for adjusting the handle height, See Section 6.

Remove the axle caps and fit the wheels by pressing the release button and sliding onto the axle until the clutch is engaged. Note: The wheels can be locked into two positions on the axle; push onto the inner groove to engage the clutches. The outer groove can be used when drive is not required.



3 Unfold Your Trolley



To open the frame, press the grey main lock button (highlighted in red) and lift the handle until the rear and upper joints click into place. Rotate To fold the trolley, reverse the process to fold so that the handle hook locks into the rear joint.



4 Lithium Battery

IMPORTANT- you must fully charge your battery before using your trolley. Always recharge your battery within 24 hrs of use. Failure to do so could reduce the life of your battery. See Section 14 Battery Care, for detailed instructions.

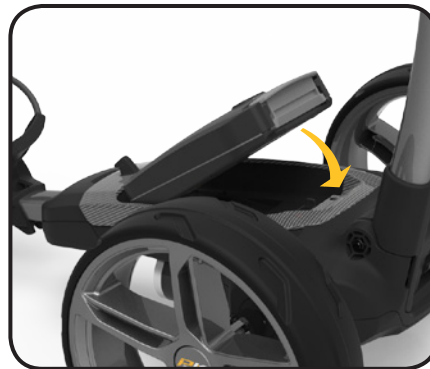
Your PowaKaddy trolley features an innovative Plug'n'Play™ battery system including sprung terminals and a locking feature to maintain power connection over uneven terrain. Once your battery is charged and trolley assembled, connect your battery as shown.

Turn on and off via power button



1. Engage the front of the battery.
2. Press the rear until the battery clips into position.
3. Press the Power button to turn the trolley on.

To remove the battery, first turn the off via the power button. Pull the grey latch to disengage the battery before lifting from the frame.



Note: The Lithium battery can be stored within the tray for transportation. Please ensure you turn off the battery using the power button. Leaving your battery on with the Green LED illuminated could lead to your battery discharging or trolley activating during transportation.



5 Front Wheel Adjust

Your trolley is pre-set to run straight but if your trolley is running off course, adjust by:

1. Release the front wheel lever.
2. Rotate up to make your trolley track more to the LEFT.
3. Rotate down to track more to the RIGHT.
4. Once you are happy the trolley is running straight re-apply the lever to lock in position.



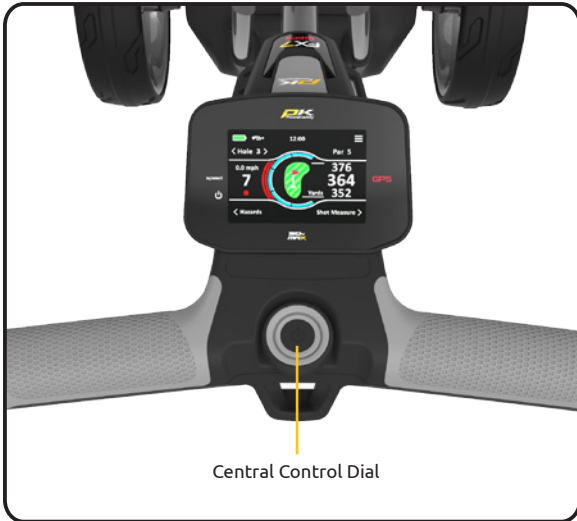
6 Handle Height Adjust

The handle height is pre-set to suit most users but can be adjusted to one of five positions. To adjust:

1. With the trolley fully open, remove the locking bolt from the height adjust plate using the 4mm hex key supplied in your manual pack.
2. Raise or lower the handle to the new desired position.
3. Tighten the bolt back up ensuring the adjustment plates on both sides are locked into the mating features.



7 Controls Overview



Once your battery is fully charged and connected, your trolley is ready to use. The control functions are detailed below.

Note: Your trolley includes a power save mode to extend the life of your battery. After 5 minutes of sitting idle, the trolleys display will turn off. To wake up, press or rotate the control dial.

Central Control Dial:

- Rotate to adjust the speed of the trolley from 0 to 9.
- Press to pause and resume your selected speed.
- Press and hold to activate the automatic distance function.

Touch Display

Press the display with your finger within the highlighted area, *shown left*. Touch to operate features such as switching between GPS modes and Holes, populate the scorecard and access the menu.

Please note: you can operate the display wearing most golf gloves. Results may vary when wearing thick or winter gloves. Keep the display clear of water for best results.

GPS Map Updates:

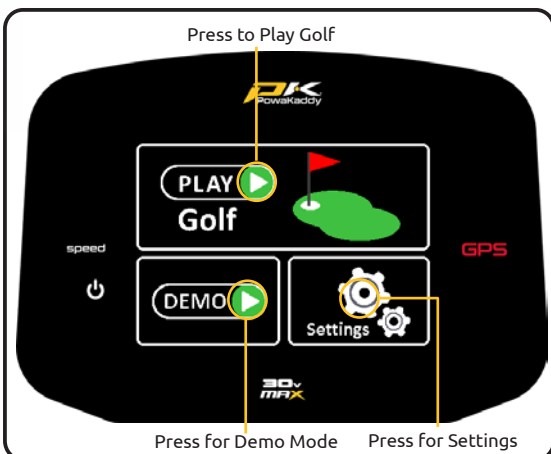
Your GPS trolley is pre-loaded with over 40,000 course maps. You can update any map using a smartphone via the Powakaddy App. See Section 13.

Charging Port:

Located on the underside of the handle. Open the hatch to charge GPS & mobile devices. The output is rated to 5v/500mA suitable for most USB devices*

*USB output voltage 5v/500mA compatible with most USB portable devices, please check device manufacturers instructions before use. Powakaddy International Ltd accepts no liability for loss of data or damage from using the charging port with incompatible device.

8 Start Up



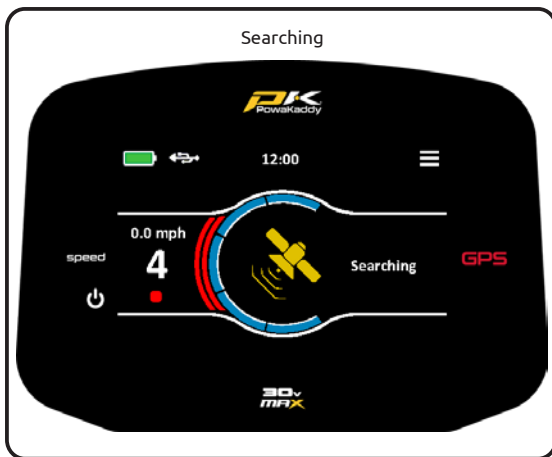
Once your battery is fully charged and connected, your trolley is ready to use. The display will illuminate showing the Home Menu. Press the highlighted areas to select and then again when flashing to confirm your selection.

Play Golf:

- The trolley will start searching for GPS signal. This can take up to 3 minutes depending on location and signal strength. For best results, operate away from buildings in an open sky position.
- If no signal is acquired after 5 minutes, a Low Signal message will be displayed. Move to a better GPS signal strength area and the trolley will continue searching.

You can operate the standard motor functions while the GPS device identifies your location. Once the device has a GPS lock the next time the trolley is stopped a list of the local courses will be displayed. Select a Course by:

1. Press your desired course from the list. Your selection will turn green.
2. Confirm by pressing the 'Enter Arrow' in the bottom right-hand corner.



Demo Mode:

Will allow the user to explore the display screens and trolley function without requiring a GPS signal lock.

- Select 'Demo' from the Home Menu.
- The display shows the GPS searching screen and then will allow you to choose from a select list of courses.
- Select your desired course and confirm, See Play Golf.
- Press the arrows at the bottom of the display to navigate between GPS modes. Use the menu button in the top right-hand corner to access the Scorecard. See Section 10 GPS Functions for further details.

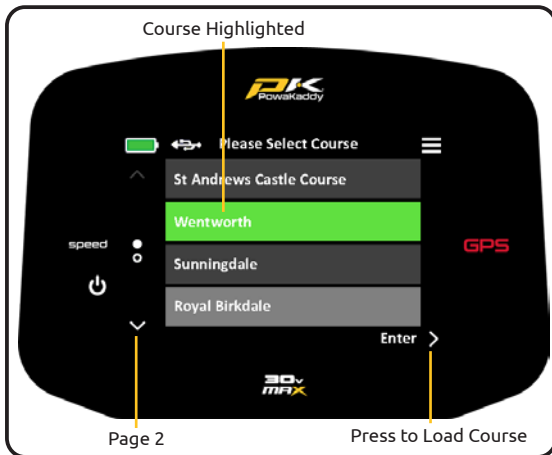
(Note: the information shown in demo mode is only to demonstrate the product and may not be accurate course information)

- After you have cycled through all GPS modes, the display will automatically return to the Home Menu.
- Repeat the steps above to start Demo mode again.

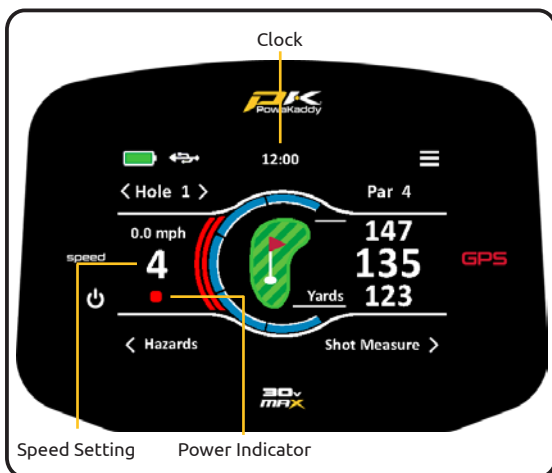
Please note: no motor functions are available in Demo Mode.

Settings:

Allows you to alter settings such as time, distance units and set a user pin lock. See Section 11 for further details.



9 Trolley Controls



Clock: Displays the current time. To adjust the for daylight saving hours, See Section 11.

Yards/Meters: Measurement unit used for trolley distances. Change in Settings, See Section 11.

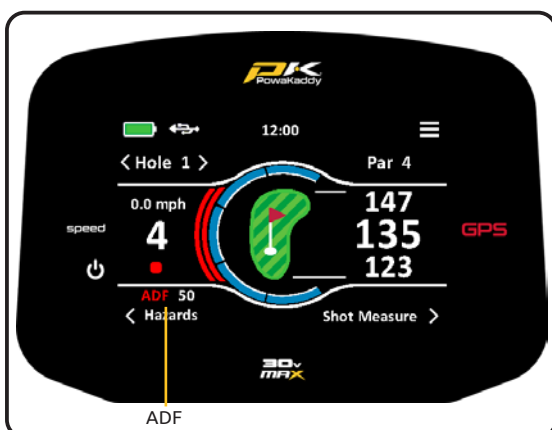
Speed Setting: Rotate the control dial to adjust the speed of the trolley from 0 - 9 when the motor is powered on. Press control dial to pause and resume your selected speed.

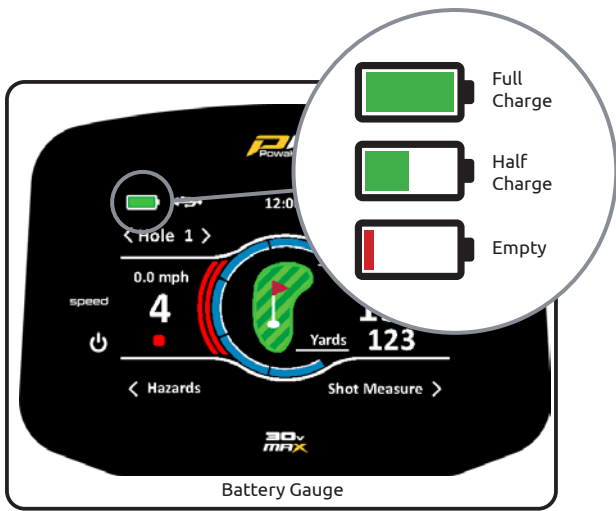
Power Indicator: Displays whether power is being applied to the drive system. (Green - ON) (Red - OFF)

Automatic Distance Function (ADF): The ADF function is a convenient way of sending your trolley a set distance. (5 to 50 yards/metres) For example when you are approaching a green you can send the trolley towards the next tee if the route allows.

Please note: it is not recommended to send your trolley unattended over steep or rough terrain. To activate ADF the motor must be paused and then:

- Press and hold the control dial until 'ADF' appears on the display.
- Rotate the control dial to select the distance between 5 and 50 (Yards/Metres).
- To set the trolley in motion, press the control dial to start the motor. The trolley will run by default at speed 4.





Battery Gauge

To cancel the ADF, rotate the control dial to “0” and confirm by pressing the control dial. To cancel when the trolley is in motion, simply press the control dial to pause the motor as you would during normal use.

Battery gauge: displayed in the top corner of the display. The charge state of your battery will determine how much of the bar will illuminate.

As you progress through the round the inner bar of the gauge will drop. When the bar has fully extinguished it indicates that the battery is flat. When your battery is new the bar may only drop a small amount during the entire round. As your battery ages, you may lose more.

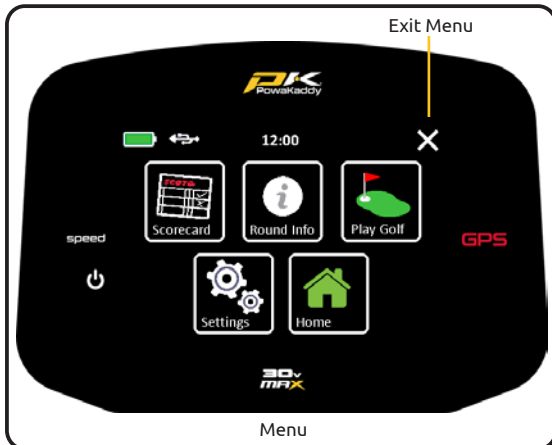
If the bar is completely extinguished; (1) you may not have not fully charged your battery (2) your battery is nearing the end of its useful life and should be replaced.

Menu: Press the menu icon and in the top right-hand corner and then once more to confirm, to access other trolley functions. Press the ‘X’ in the top right-hand corner to close the menu and return to the previous screen.

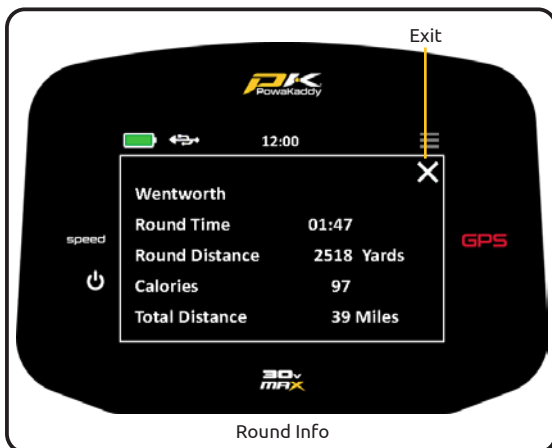
Round Info: Accessible from the menu it lists the following:

- Current Course: Displays the current map data.
- Round timer Displays the “on” time of the trolley. This will reset when the battery is turned off.
- Round Distance: Displays the distance the trolley has covered during the round. This will reset when the battery is turned off.
- Calories: Displays the approximate number of calories burnt when walking during your round of golf.
- Total: Displays the total distance covered by the trolley. This cannot be reset.

Press the ‘X’ in the top right hand corner to exit back to the menu.

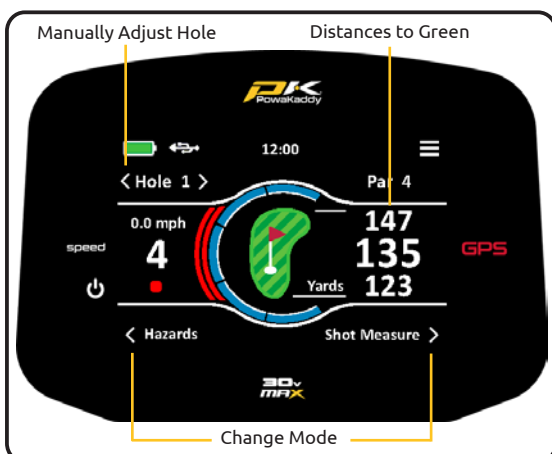


Menu



Round Info

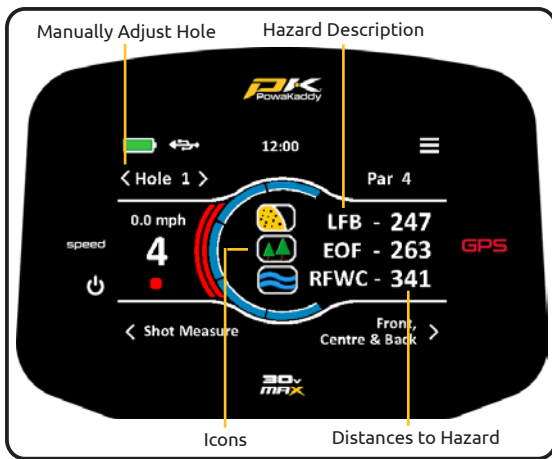
10 GPS Functions



Once you have loaded a course, you will have a few GPS modes available to help enhance your game. Toggle between Front, Centre, Back Distances, Hazards and Shot Measure modes by pressing the labeled arrows at the bottom of the screen.

Default Display:

In the default display the hole and par information is displayed, *image left*. Front, Centre and Back green distance information is displayed in the right-hand side of the display.



While travelling from the green area to the next tee, the information will automatically advance to the next hole. Due to variations in accuracy of commercial GPS occasionally you may have to manually advance to the next hole.

- To manually advance, press the arrow right of the Hole.
- To return to the previous hole, press the arrow left of the Hole.






Hazards:

Information on the hazards can be displayed for each hole. The distance is displayed on the right-hand side. The measurement may be to the middle, the back or the front of the hazard depending on the description i.e CRKC - Creek Carry.




A maximum of 3 Hazards are displayed on the screen at one time; the top hazard being the closest. Once the hazard has been passed the list will update. A maximum of 4 hazards are mapped per hole.

If no hazards are in the line of play to the green, then the text










Green Side Hazards:

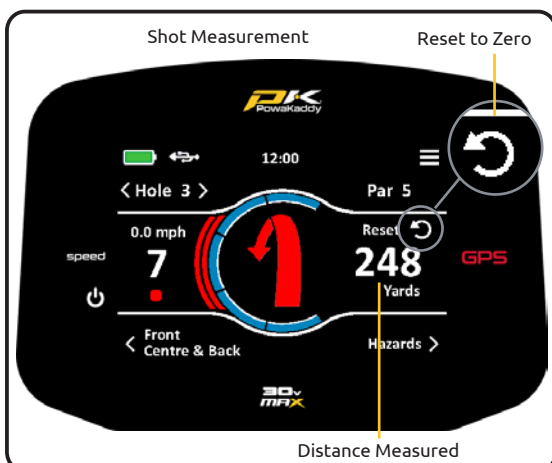
-  **BGB - BACK GREEN BUNKER**
Distance taken from the FRONT of the hazard
-  **FGB - FRONT GREEN BUNKER**
Distance taken from the FRONT of the hazard
-  **LGB - LEFT GREEN BUNKER**
Distance taken from the FRONT of the hazard
-  **RGB - RIGHT GREEN BUNKER**
Distance taken from the FRONT of the hazard
-  **FGW - FRONT GREEN WATER**
Distance taken from the FRONT of the hazard
-  **FGWC - FRONT GREEN WATER CARRY**
Distance taken from the BACK of the hazard
-  **LGW - LEFT GREEN WATER**
Distance taken from the FRONT of the hazard
-  **FGWC - RIGHT GREEN WATER CARRY**
Distance taken from the CARRY of the hazard

Miscellaneous Hazards

-  **EOF - END OF FAIRWAY**
Distance taken from the BACK of the hazard
-  **CRK - CREEK**
Distance taken from the FRONT of the hazard
-  **CRCK - CREEK CARRY**
Distance taken from the BACK of the hazard

Fairway Hazards

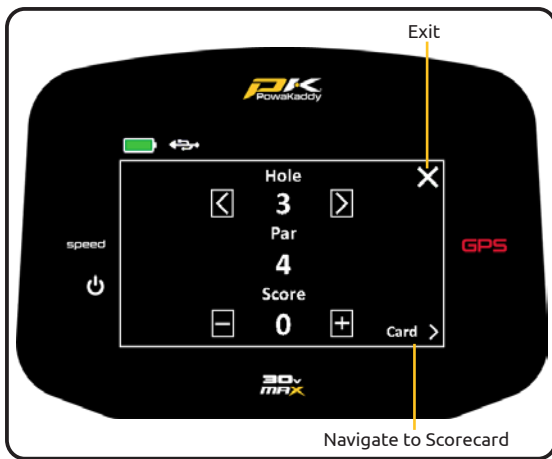
-  **LFB - LEFT FAIRWAY BUNKER**
Distance taken from the FRONT of the hazard
-  **MFB - MIDDLE FAIRWAY BUNKER**
Distance taken from the FRONT of the hazard
-  **RFB - RIGHT FAIRWAY BUNKER**
Distance taken from the FRONT of the hazard
-  **LFW - LEFT FAIRWAY WATER**
Distance taken from the FRONT of the hazard
-  **LFWC - LEFT FAIRWAY WATER CARRY**
Distance taken from the BACK of the hazard
-  **MFW - MIDDLE FAIRWAY WATER**
Distance taken from the FRONT of the hazard
-  **MFWC - MIDDLE FAIRWAY WATER CARRY**
Distance taken from the BACK of the hazard
-  **RFW - RIGHT FAIRWAY WATER**
Distance taken from the FRONT of the hazard
-  **RFWC - RIGHT FAIRWAY WATER CARRY**
Distance taken from the BACK of the hazard



Shot Measure:

Measure the distance of your shots in this mode. At your starting point, press the reset button to set the distance to 0, as highlighted left. This will drop a GPS 'pin'. Walk towards your ball and the distance will be displayed. Press reset to start your next measurement.

Please note; the measurement will be 'as the crow flies', direct from your start point to your finish point.



Scorecard:

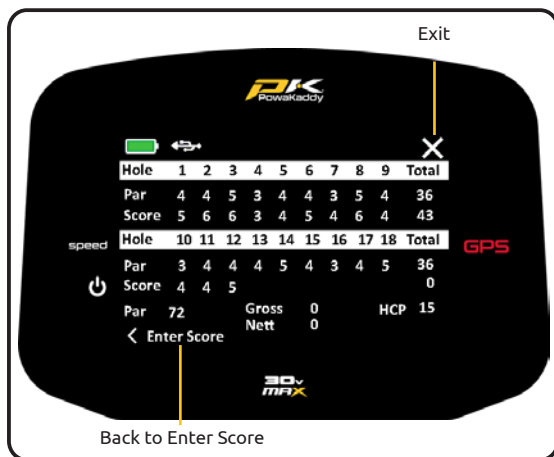
Access the scorecard from the Menu (double press the Menu icon in the top right-hand corner).

The first screen you are directed to is the 'Enter Score' screen. Change the hole using the arrows and adjust the score using the 'plus' and 'minus' arrows.

Press the 'Card' arrow in the bottom right-hand corner to view the full scorecard. (Press the 'Enter Score' arrow in the bottom right-hand corner to return to the Enter Score screen).

Note: the Handicap is set to 0 by default. This can be modified in the Settings, See Section 11.

Once a card has been completed, a 'Save Card' button will appear. Select and confirm to save. These cards are available to view from the Settings Menu.

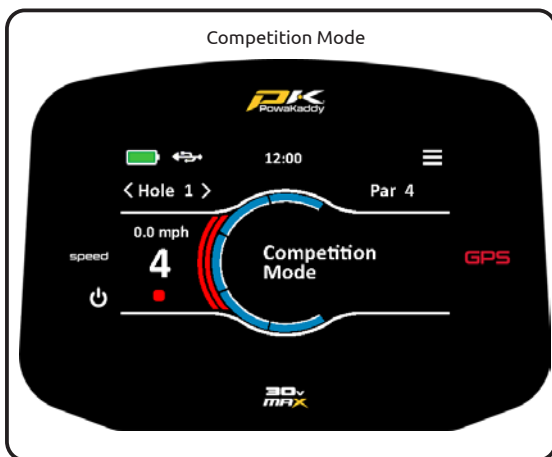


Saved Scorecards:

Open the Saved Scorecards list from the Settings menu, See Section 11. Here a list of saved cards can be viewed, ordered from newest to oldest.

Press the desired card to open. To exit, press the 'X' in the top right hand corner.

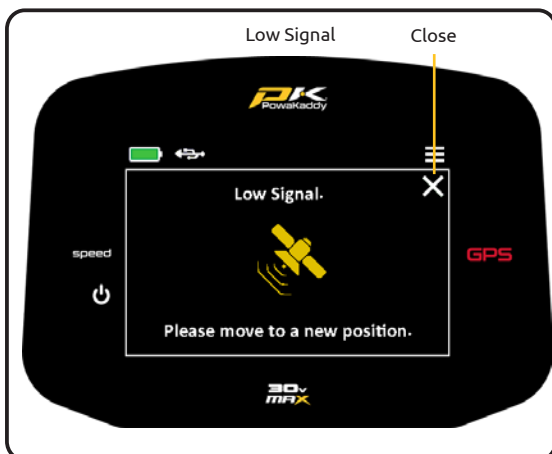
Please note: a maximum of 20 cards can be saved.



Competition Mode:

For use in competitions where distance features are not permitted. All distance measuring features will be disabled. Competition Mode can be activated and deactivated from the Settings menu.

When the trolley is switched off, Competition Mode will automatically disable, re-activating distance features for the next round.



Low Signal:

In certain conditions your GPS trolley may experience a low GPS signal during start up or during play, the screen left will be displayed to indicate this. Once you move to a better signal strength area, the trolley will continue to search for a GPS lock. The pop-up can be removed by pressing the 'X' in the top right-hand corner.

11 Settings

Your new GPS trolley is ready to use but there are a few preferences you may change.

Enter the Settings via the:

- Home Menu (Press the Settings icon twice)
- Menu

To exit the settings and return to the previous screen, press the 'X' in the top right-hand corner.

To save your preferences you must exit the menu. Do not turn off or remove the battery.

Options:

Connectivity: Displays connection status with mobile device. To Pair a device, See Section 13.

Distance Units: Toggle between Yards (Miles) and Metres (Kilometres) by pressing the arrows.

Time adjust: Adjust for daylight saving hours. Press the 'Plus' or 'Minus' buttons.

Competition Mode: For use in competitions when distance features are not permitted. Press the arrows to toggle On or Off. Competition Mode will disable when trolley is turned off.

Security Pin: Your trolley can be protected by a 4-digit security code set by the user. To set:

1. Using the arrows, toggle the Pin setting to 'On'.
2. Press the numbers to create the 4 digit pin. Once the 4th digit has been selected, the display will return to the Settings Menu.

Note: please exit the menu to ensure your pin save.

If the PIN lock is active you will be required to enter your PIN code each time you power the trolley. In the event you have forgotten the code use the default factory PIN: 7921 to unlock the controls.

Saved Scorecards: Press to open list of saved scorecards. Exit back to the Settings Menu via the 'X' button in the top right hand corner.

Handicap: Press the 'Plus' or 'Minus' buttons to increase or decrease the handicap. The handicap is shown and used for new scorecards.

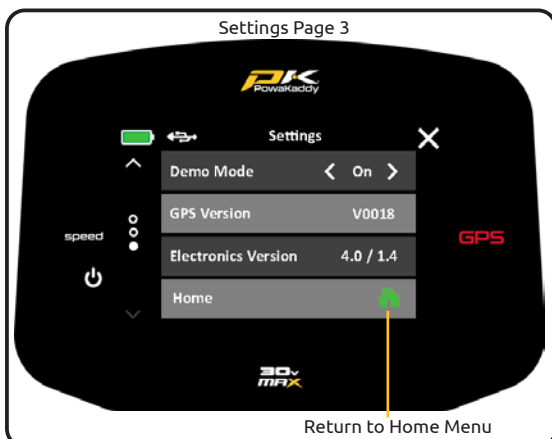
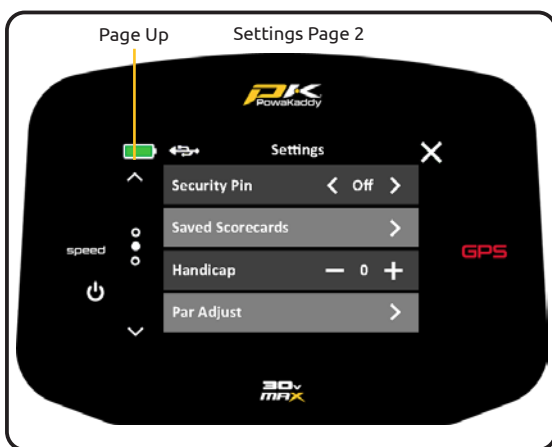
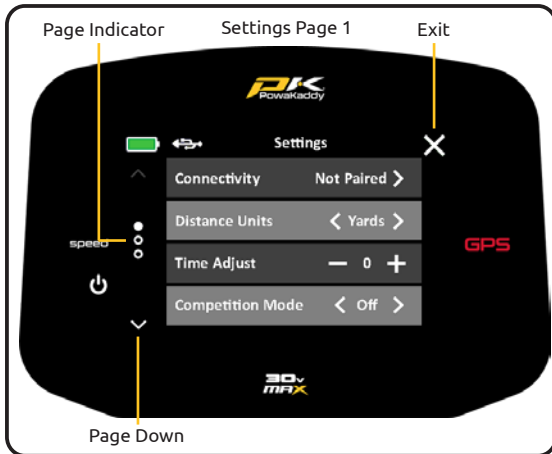
Par Adjust: Use to adjust Pars for Women's of competition Tee's. You must have a course selected in the Play Golf mode to access.

Demo Mode: Turn On or Off by pressing the arrows. When turned Off, Demo Mode will be removed from the Home menu.

GPS Version: GPS Firmware version installed.

Electronics Version: Software version of the handle and motor speed controller.

Home: Press to return to the Home menu. All current scores entered on your scorecard will be lost.



12 Electronic Braking System



The all new Electronic Braking System (EBS) is an option extra feature on 2020 PowaKaddy Freeway range.

The EBS is an automatic assisted braking system for downhill descends, maintaining the selected speed to prevent the trolley running away from the user. In addition, the trolley will hold a selected speed uphill, removing the need for constant adjustment of the control dial.

Warning: EBS is an assisted braking system for hill descent, not a 100% parking brake. The trolley must be powered on and the wheels engaged with the clutch for the braking system to function. The drive system uses a limited slip differential to allow braking and provide ease of manoeuvrability. Try to avoid traversing a steep hill as the load of the trolley will mostly be applied to the lower wheel on the slope and may cause the higher wheel to slip. If your trolley loses traction and the wheels start to spin, reduce the speed and apply even pressure on the handle to increase traction of both wheels.

Caution: Wet or loose ground conditions may cause the wheels to lock and slip on steep slopes. When walking up, down or traversing slopes, please maintain a firm grip on the handle to assist the trolley and avoid injury or damage.

13 GPS Updates



Your GPS trolley comes loaded with over 40,000 worldwide course maps but can be updated as new map data is available. The maps can be individually updated via Bluetooth using the PowaKaddy App, available to download from the Apple App store and the Google Play store.

1. Download the free PowaKaddy App from the Google Play Store or the Apple App Store.
2. Open the App and enter the 14-digit serial number located on the trolley in the cavity of the rear joint.

Please note: once paired with your smartphone, the trolley will remember the connection.

If having difficulties pairing:

- Ensure no other PowaKaddy trolleys are powered close by.
- Try closing the app and restarting the trolley, the pairing process may have timed out.

Once you have the app downloaded and have activated using your serial number, you are ready to perform a course update.

1. Power your Trolley.
2. Enter the settings menu and click on the Connectivity option to pair device.
3. From the App menu, select 'Update course'.
4. Either use your smartphone's GPS to pinpoint your location or use the search bar. Select the required course and the trolley will begin start the update. Please do not remove or turn off the battery during the update.

14 Battery Care

PLUG 'N' PLAY™

Please note; In normal conditions the Extended 30V Lithium Battery will do 36 holes when used on a PowaKaddy product. Conditions such as long or exceptionally hilly courses, wet ground conditions and excessively heavy golf bags may reduce the range of the trolley.



**30V
MAX**

Charging Instructions

1. Plug the charger into the mains - the charger indicator light will be green.
2. Turn on the battery by press and holding the power button until the green light is illuminated.
3. Plug the battery into the charger. The charger light will turn from green to red to indicate the charging process has started.
4. Once the battery is fully charged, the charger status light will be continuous green. At this point, remove the battery from the charger and the charger from the outlet.
5. Turn off the battery using power button.
6. The charging process will take approximately 8 hours depending on the extent of the discharge and battery capacity.
7. Avoid leaving your battery on charge for longer than 12 hours. If left for a long period of time, the battery will automatically turn off.



Battery Safety

- Never short circuit a battery. Keep it away from paper clips, coins, keys and other small metal objects that can make a connection between the terminals.
- Do not splash or immerse in liquids.
- Do not store or charge the battery in locations where the temperatures may exceed below -10° (14° F) or above 40° C (105° F) such as outdoor sheds or metal buildings in summer.
- Only charge your PowaKaddy battery using the approved charger supplied. Using another charger may damage the battery or cause fire.
- Never use the battery if the casing or terminals are damaged.
- There are no serviceable parts within the battery, DO NOT ATTEMPT TO OPEN THE BATTERY or attempt a repair. RISK OF ELECTRIC SHOCK OR FIRE.
- The battery is a sealed unit. In the unlikely event liquid leaks from the battery, do not touch the liquid as it may cause irritation or burns.

Follow these precautions:

- Skin contact – Wash with soap and water.
 - Inhalation – Expose to fresh air and seek medical advice.
 - Eye contact – Immediately wash with water for at least 15 minutes. Seek medical attention.
 - Disposal – wear gloves to handle the battery and dispose of immediately; contact your local council or recycling centre.
- Do not incinerate the battery even if damaged.
 - Only use a PowaKaddy Battery with a compatible PowaKaddy Trolley. Use of the battery pack on other products may create risk of injury or fire.

Charging Safety

- Do not probe terminals with conductive objects.
- Only charge a PowaKaddy battery using the supplied PowaKaddy charger. The charger and battery pack are specifically designed to work together.
- Only charge on a hard, flat surface.
- The charger will get warm, do not cover the charger.
- Do not expose the charger to rain or snow.
- Do not use a charger if the plug, leads, contacts or casing is damaged.
- Remove the plug with care Do not pull on the cord.
- Avoid using an extension cable.

Lithium Battery Storage

Batteries are to be stored in a cool and dry place away from direct sunlight and excessive heat or cold; ideally store at room temperature. Charge your battery fully before storing. Charge once every three months thereafter.

Battery Transportation

Ensure the battery is turned off when transporting the trolley to avoid activating the trolley and discharging the battery. Check with your airline before attempting to ship your battery by air.

Lithium Battery Disposal

At the end of its useful life, please discard the battery with due care for the environment.

1. If possible, run down the battery completely and remove from the trolley.
2. Take the battery to your local recycling centre.

15 Maintenance

Your PowaKaddy trolley is easy to maintain.

- Never jet wash or immerse in water. Clean the trolley using a sponge and warm water to remove mud, grass and other debris.
- Occasionally remove the wheels and apply grease to the axles and moving parts.

Your serial number can be found in the cavity of the rear joint, please make a note for future reference. Should you experience a problem with your PowaKaddy product, please visit www.powakaddy.com/support



Don't Miss Out.
Register Now

www.PowaKaddy.com/my-PowaKaddy



PGA is a registered trade mark of the Professional Golfers' Association Limited.



All PowaKaddy electric trolleys have been awarded the Quiet Mark by the Noise Abatement Society.