

POWERBUG

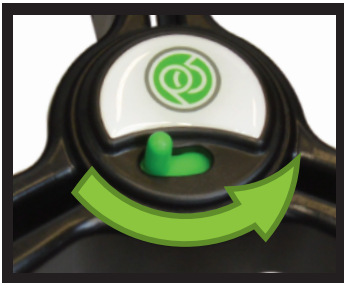
ELECTRIC GOLF TROLLEY USER GUIDE



**PLEASE READ THE USER MANUAL CAREFULLY
BEFORE ASSEMBLING YOUR GOLF TROLLEY
FOR THE FIRST TIME**

1. Remove the trolley frame, two rear wheels and battery from the carton.
2. Remove the protective cover from the axles.
The PowerBug GT DHC are not left and right handed.
3. To attach the wheels, push the green lever across as shown in the picture.
Place the wheel on to the axle ensuring that the drive pins on the axle go into the slots in the wheel.

Once engaged, release the button, the wheels are now locked in and ready to use!



TROLLEY ASSEMBLY

UNFOLDING



Step 1:
Pull back the locking tab on the trolleys frame.



Step 2:
Lift the A frame away from the main trolley frame.



Step 3:
Lift and fully extend the trolley main frame.



Step 4:
Locate the A frame with the main frames hinge locking point.



Step 5:
Push the silver button whilst locking frame together.



Step 6:
Position the upper and lower bag supports.

TROLLEY OPERATION



To power up the trolley:

Place your battery into the battery tray and connect the power lead as pictured.

Take note of the white arrow facing outwards.

POWERING THE TROLLEY



USB Device Charging Port:

This trolley features a USB charging port designed to charge mobile or GPS devices whilst out on the golf course.

Simply remove the USB cover on the under side of the handle and plug your USB lead into the port.

Your device will charge whilst the trolley is in use.

The USB charging point has a low charging rate so will not be suitable for fast-charging your device.

The USB charger takes power from the main trolley battery. Continuous charging can reduce the battery capacity.

The USB charging will be disabled when the battery capacity reaches a preset level.

TROLLEY OPERATION

CART BAG MOUNTING

Lift your Cart Bag onto the trolley and secure it using the elasticated straps.



TROLLEY ASSEMBLY

CART BAG MOUNTING

The cart bag support straps can be adjusted to accomodate different bag sizes.



Step 1:

The pictured bag support is too long and needs to be shortened.



Step 2:

Unhook the bag support elastic from the mounting tab.



Step 3:

Slide the mounting tab down the elastic material until the desired length is achieved.



Step 4:

Hook the elastic material back in to the mounting tab to secure it.

TROLLEY OPERATION

FRONT WHEEL SETTING



In the unlikely event your trolley is not running in a straight line, you can easily calibrate the front wheel using the adjusters on either side of the front wheel assembly.

To adjust the front wheel:

1. Release the quick release handle.
2. Turn the adjusters on either side of the wheel housing to adjust the wheel alignment.
3. Lock the quick release lever.

TROLLEY OPERATION

FREE WHEELING

Insert wheel fully onto axle for electric drive (Picture 1)

Insert wheel part way onto axle for use as a push trolley (Picture 2)



Picture 1



Picture 2

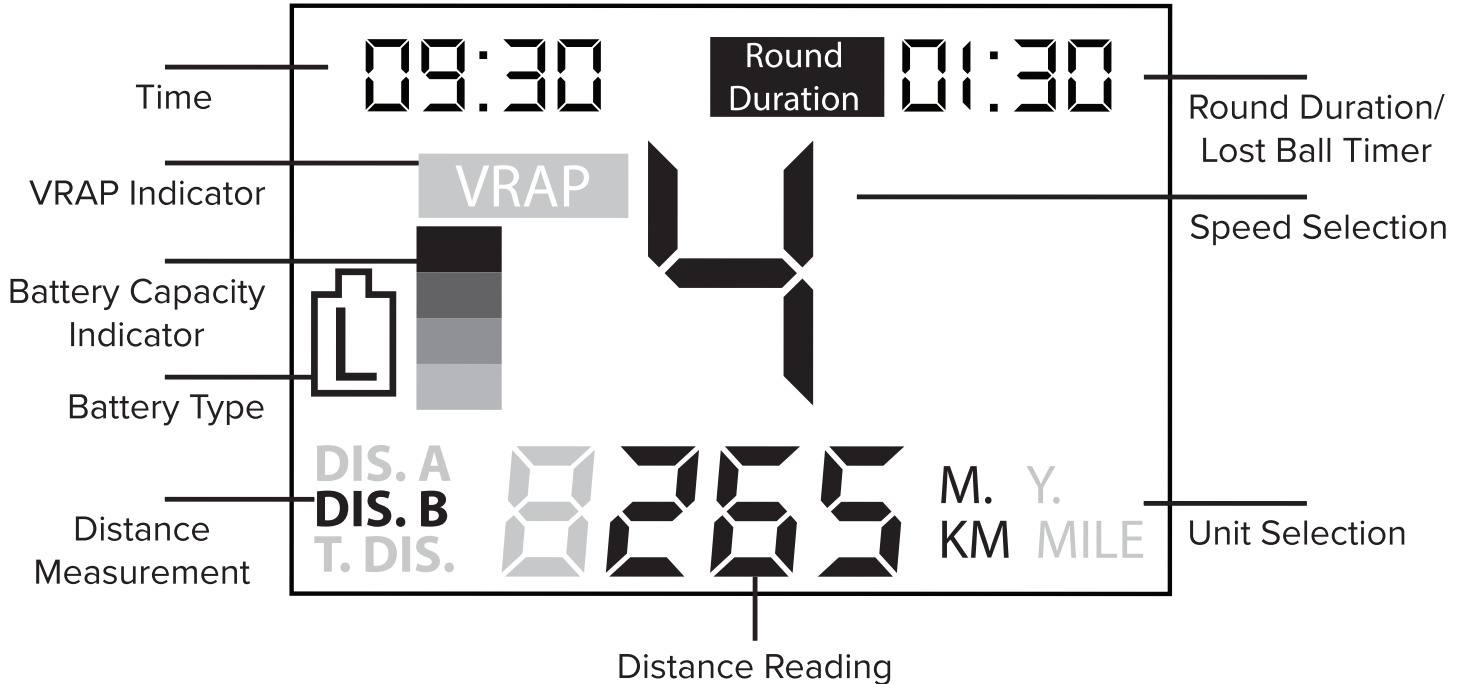
PLEASE NOTE! There are two grooves on the drive axle. The drive wheels have two positions.

Picture 1: The wheel is fully inserted to the inner groove for electric drive.

Picture 2: The wheel is partially inserted to the outer groove for push trolley use.



All of the trolleys features are controlled and displayed on the handle.



TROLLEY OPERATION

LCD SCREEN FUNCTIONS



**Battery Capacity
Indicator**

VRAP

VRAP



Speed Control

DIS. A
DIS. B
T. DIS.

Total Distance

DIS. A
DIS. B
T. DIS.

**Distance
Measurement**

M. Y.
KM MILE

Unit Selection

Round
Duration

**Round/Lost Ball
Timer**

TROLLEY CONFIGURATION - CLOCK

The first step to configuring your trolley is to set the time. This is in the top left-hand side of the LCD display.

1. Press and hold Button 2 (Right hand button) on the handle, the minute indicator on the display will begin to flash.
2. By depressing Button 1 (Left hand button) adjust the minute setting of the clock.
3. Once the minutes are correctly set press Button 2 (Right hand button) and the hours setting will begin to flash. You can now set the hours on the clock using Button 1 as before.
4. Now the clock is set-up and displaying the correct time, push and hold Button 2 (Right hand button) until the time display stops flashing.
5. The time function is now set.

TROLLEY CONFIGURATION - BATTERY TYPE

Power the trolley up and observe the 'Battery Type' area of the LCD screen.

L = Mini Lithium Battery

S = 12V Lead Acid Battery

If the battery indicated suits the battery type supplied with your trolley, no further action is required and your trolley is ready for use.

If your 'Battery Type' requires re-configuring, please follow the instructions below.

Unplug the battery.

Press and hold down green button 1 (Left Hand Button) and now plug the battery in whilst keeping the green button 1 depressed.

Whilst continuing to keep the green button 1 depressed, the trolley will undergo a battery status check. The LCD screen will illuminate, switch off and then illuminate again with only the 'Battery Type' box appearing in the left hand side of the screen.

TROLLEY CONFIGURATION - BATTERY TYPE (PART 2)

By releasing the pressure on button 1 and then depressing again, the letter in the battery box will scroll from 'L' to 'S'.

L = 12v Mini Lithium Battery

S = 12v Lead Acid Battery

Scroll and set your battery to type 'L' or 'S' as appropriate.

When the correct letter in relation to your battery type shows, power the unit down and back up again. You will notice that the full LCD screen now illuminates showing the battery type selected in the 'Battery Type' box appearing in the left hand side of the screen.

Your trolley is now correctly configured and ready for use.

Please note that using the 12V Mini Lithium Battery or a 12V Lead Acid Battery whilst on the incorrect 'Battery Type' setting will not damage your trolley but the battery capacity indicator may not read accurately.

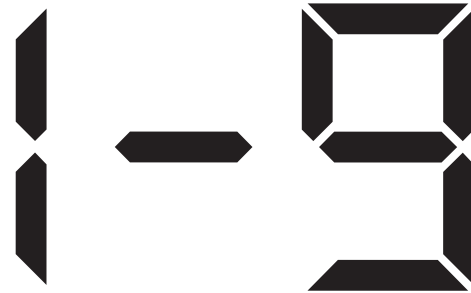
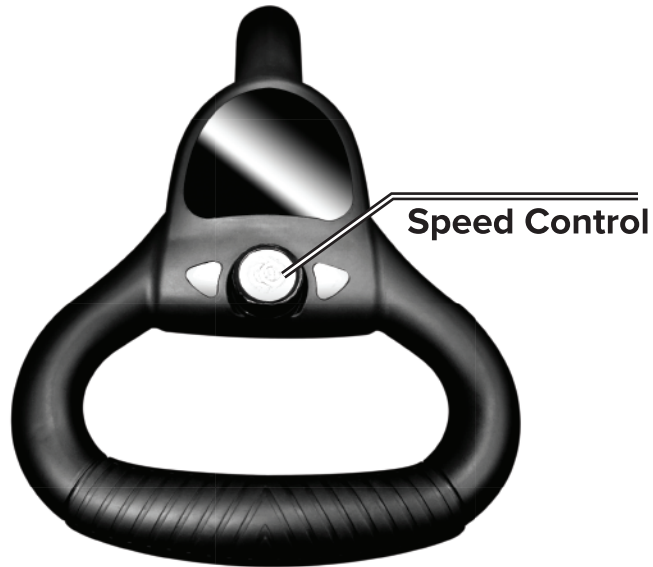


The battery indicator displays four different levels of remaining charge.

Please note: It is very important the battery type is configured correctly for this function to work.

TROLLEY OPERATION

SPEED CONTROL

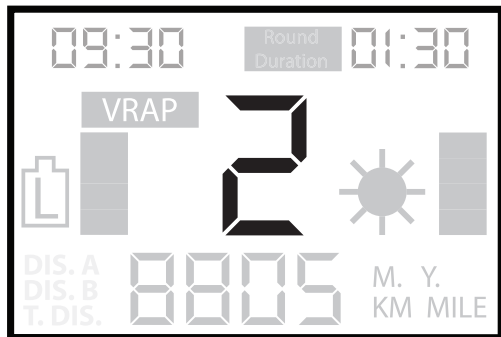


9 different speed settings to choose from, simply rotate the speed control clockwise and anti-clockwise to increase and decrease trolley speed.

To activate and de-activate the trolley, depress the speed control button.

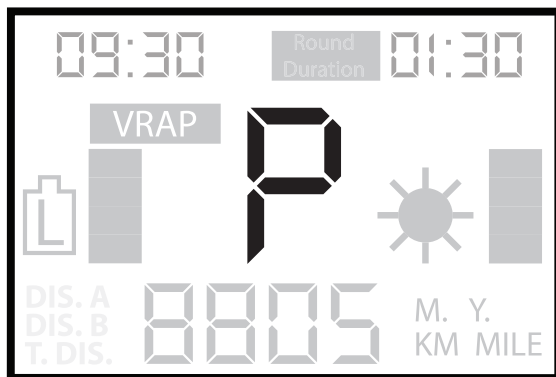
TROLLEY OPERATION

DOWN HILL CONTROL



Downhill Control:

To use downhill control simply decrease the speed of the trolley when travelling downhill. The trolley will maintain a constant pre-set speed even when travelling downhill.



Parking Brake:

When the trolley is stationary, by turning the speed control dial anti-clockwise the letter 'P' on the handle display will flash.

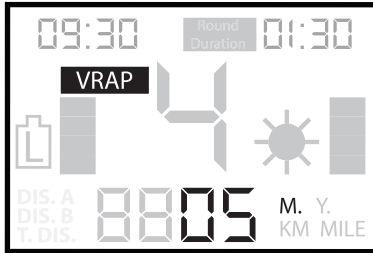
The trolley is now in park mode, and the brake is applied.

To dis-engage the parking brake simply depress the speed controller to activate the trolley.

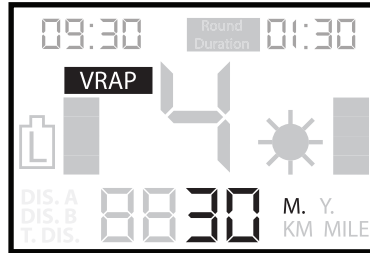
VRAP: Variable Run And Park

VRAP allows you to set the trolley to automatically run and park to a preselected distance.

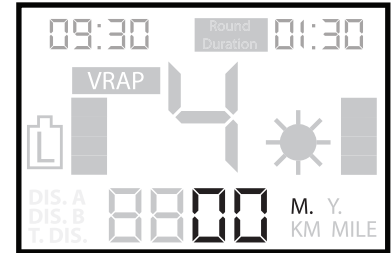
Activating VRAP:



Firstly, depress and hold the speed control button down. The VRAP light will display. Release the button, you can now set the required distance from 0-50 Yards or Metres.



Adjust the VRAP distance by rotating the speed control button clockwise and anti-clockwise. When you have chosen the desired distance, depress the speed control button once more and your trolley will depart.



Once your trolley has finished its run VRAP will be disabled, defaulting back to normal operational use.

Using distance measurements A and B

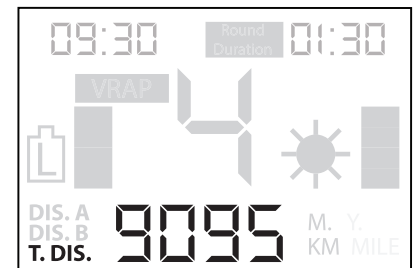
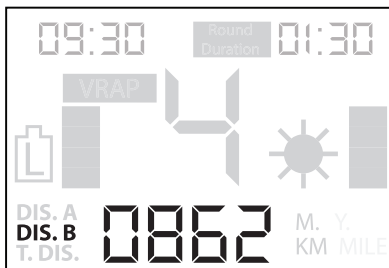
As you begin to use your trolley at the start of your round the distance measurements will begin recording the distance your trolley has travelled.

To scroll between the different distance measurements use Button 1 (Left hand button).

If you would like to set either Distance A or B back to 0 to begin measuring a long drive for example, simply select the desired measurement (Distance A or B) and by depressing and holding Button 1 (Left hand button) the selected distance measurement will reset to 0.

Total Distance Measurement

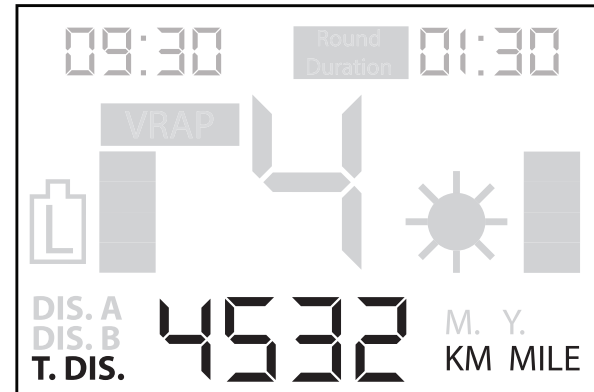
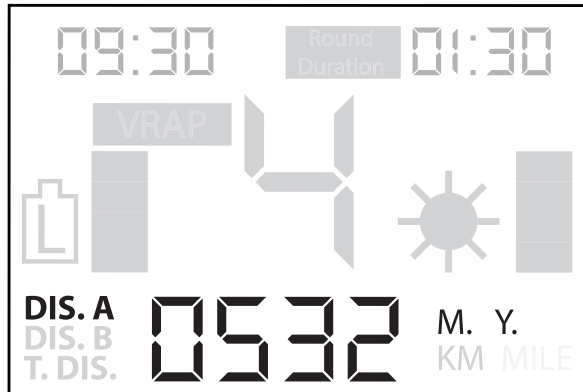
This measurement works the same way a motor vehicles mile-o-meter does. Unlike Distance Measurement A and B, the total distance cannot be reset, even after your trolley is turned off.



*Distance measurements are for guidance only and cannot be guaranteed due to the effect of unpredictable terrain.

To change the measurement units simply select the measurement you wish to change using Button 2 (Right hand button).

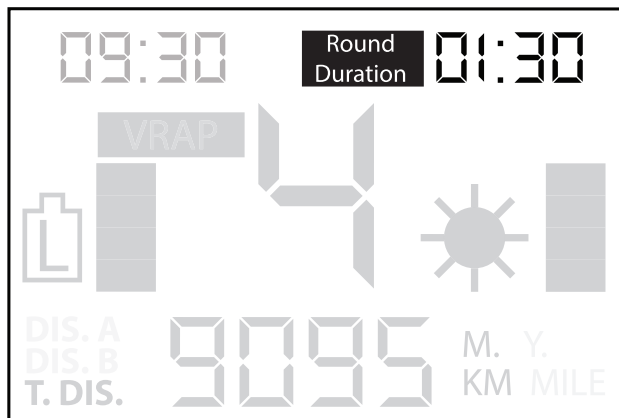
On distance measurements A and B the units can be changed from Metres (M) or Yards (Y). Total distance can be changed from Kilometres (KM) to Miles (M). The distance measured in this setting will round to the nearest Kilometre or Mile.



This function appears in the Top right hand segment of the LCD display marked Round Duration.

To re-set the round duration timer, press both green buttons 1 & 2 simultaneously at the beginning of your game in order to time your round.

This feature can also be useful as a lost ball timer. If zeroed during the round, the previously recorded time will be lost.



Indicating light “1”: The power indication light, when on shows the battery is connected and the system is powered.

Indicating light “2”: The output indication light, it shows the E.C.U. is operating correctly.

Indicating light “3”: The movement indication light, when on it shows the trolley is running and operating correctly.



LITHIUM BATTERY & CHARGER PRECAUTIONS

- Do not short circuit the battery under any circumstances, as it may generate heat. To avoid short circuiting, do not allow the battery to come into contact with metal objects not designed for general use with this battery.
- Do not expose the battery to fire, as it may swell or explode. Do not put batteries in a microwave oven or pressure cooker. Do not store at or use near any type of heat source, especially temperatures above 60 Degrees Celsius.
- Do not disassemble the battery. Do not take off the batteries protective cover or bag.
- Do not deform the battery by applying pressure. Do not throw, hit, drop or impact the battery. Do not penetrate the battery with nails or other tools. Do not subject the battery to any mechanical damage. If damaged, return it to the manufacturer for a technical inspection.
- Do not submerge the battery in water or any type of liquid.
- Do not use batteries with chargers or machines other than those expressly recommended by Wizza LTD
- Do not use any charger which is not specified for the battery. Do not charge the battery under conditions which are not specified in the manual.
- Do not charge the battery in an environment with flammable substances.
- Do not mistreat the battery, or use the battery in applications which are not recommended by the provider of the battery.
- The charger is not intended for use by persons (including children)with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use by a person responsible for their safety.
- Please note batteries are a consumable item and are not a 'return to store' product. It is important that you pay strict attention to the battery charging instructions as incorrect charging will invalidate your manufacturers warranty. Please register your purchase in the warranty section found online at: www.powerbug.co.uk.

TECHNICAL SPECIFICATION

TROLLEY TECHNICAL SPECIFICATIONS

Material	Nylon & Aluminium
Max Speed	7.5 Km/h (Lead Acid) / 10 Km/h (Lithium)
Max Load Capacity	20 Kg
Distance Per Charge	18 Holes Plus (Depending on Battery)
Net Weight (Without Battery)	8.5 Kg
Maximum Climbing Ability	20 Degrees
Product Dimensions (Un-Folded)	1180 x 560 x 980 (mm)
Product Dimensions (Folded)	810 x 560 x 300 (mm)
Tyres	Airless High Traction

CHARGER TECHNICAL SPECIFICATIONS

Type	Input	Output
Standard Lithium	100V - 240V AC	12V DC - 2.0 A
Mini Lithium	100V - 240V AC	12V DC - 3.0 A

BATTERY INFO

Type	Capacity	Voltage	Weight	No. Of Cycles
Mini Lithium	13.2 AH	14.8 V	1 KG	>1000 Times
Standard Lithium	16.8 AH	12 V	2.2 KG	>1000 Times

NOTES

P10



Manufacturer:

WIZZA LTD
THE BERKSHIRE GARDENER
BATH ROAD READING
RG10 9SB UNITED KINGDOM

Verification of CE Compliance – No:

SHEM170500290501TXC