



# ***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, and pay attention to the “L” and “R” stickers on the underside of the wheels as the wheels are handed as viewed from behind the trolley.
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 THE TROLLEY



**Step 1:**  
Pull back the locking tab on the trolley's frame.



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



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



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



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



**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 UP



## 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 ASSEMBLY

# 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.



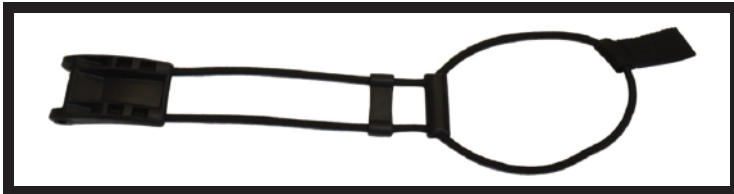
## Step 1:

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

## THE FRONT WHEEL



The trolley has an adjustable front wheel. If, 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.

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.

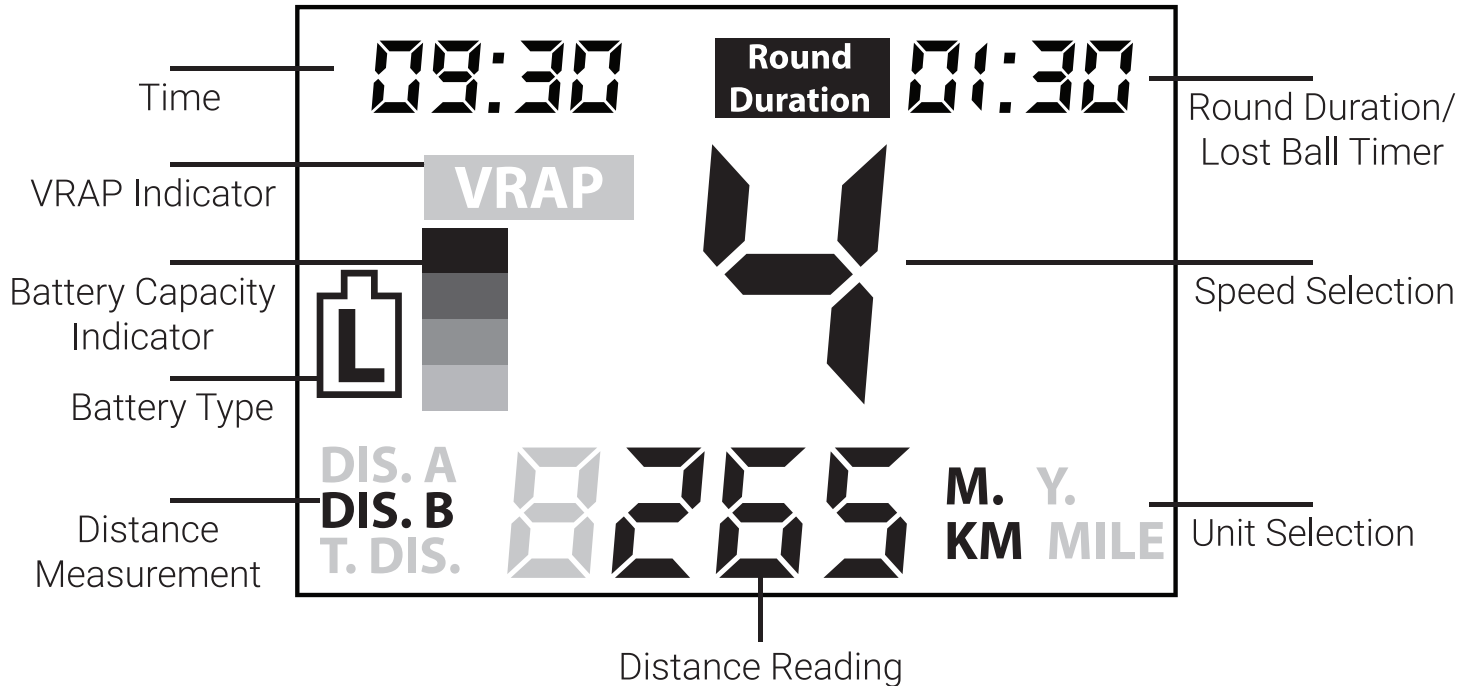
Picture 2, the wheel is partially inserted to the outer groove for push trolley use.



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

# TROLLEY OPERATION

# LCD SCREEN



# 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 PowerBug 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, switch the unit OFF and then switch the unit back ON 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 PowerBug trolley but the battery capacity indicator may not read accurately.**

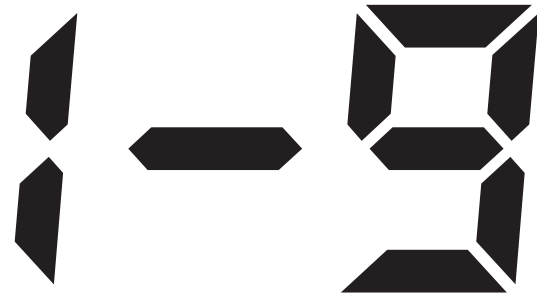
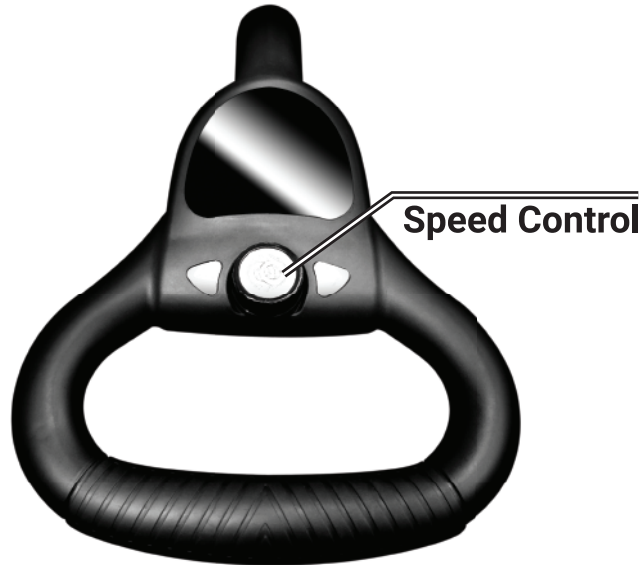


The battery indicator displays four different levels of remaining charge.

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

# TROLLEY OPERATION

## SPEED CONTROL



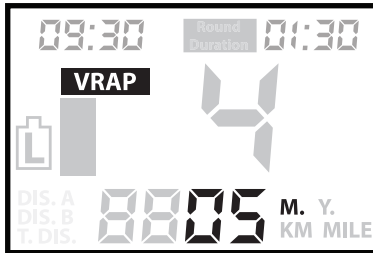
9 different speed settings to choose from, simply rotate the speed control clockwise and anti-clockwise to increase and decrease trolley speed.

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

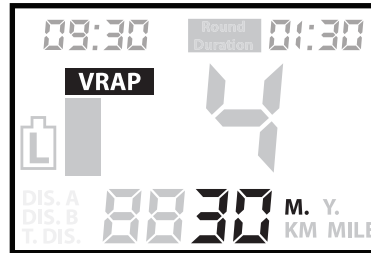
## VRAP: Variable Run And Park

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

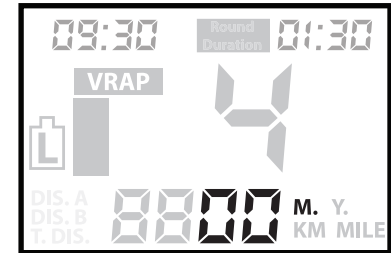
### Activating VRAP:



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.

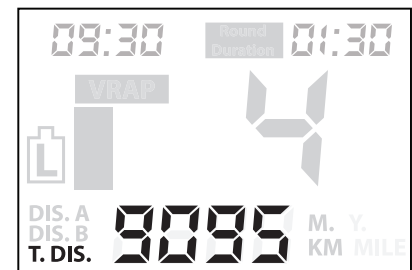
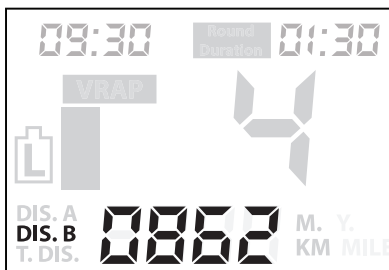
## Using distance measurements A and B

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.



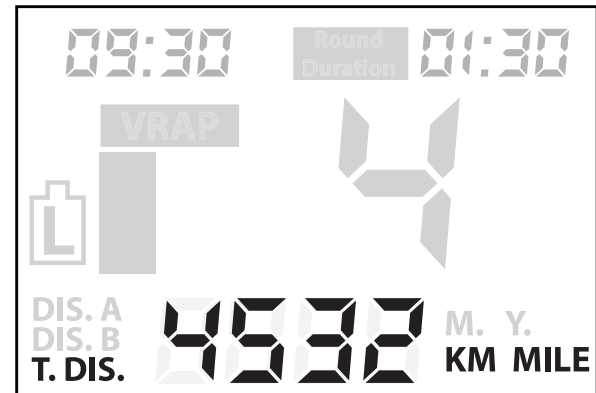
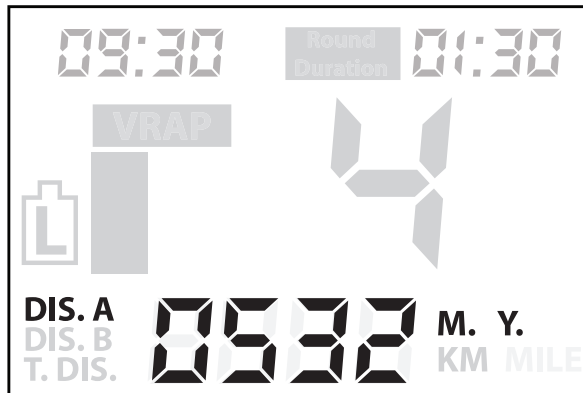
\*Distance measurements are for guidance only and cannot be guaranteed due to the effect of unpredictable terrain.

# TROLLEY OPERATION

# UNIT SELECTION

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.

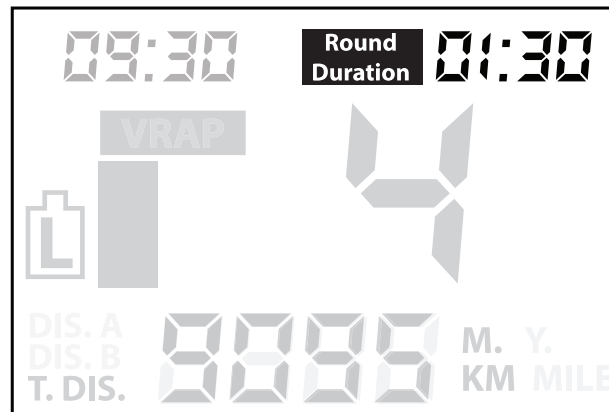




This function appears in the Top right hand segment of the LCD display marked Round Duration.

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 PowerBug (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](http://www.powerbug.co.uk).

# LEAD ACID BATTERY & CHARGER PRECAUTIONS

- 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](http://www.powerbug.co.uk).
- Charge your new battery for 24 hours prior to use, new batteries can take up to six uses before reaching optimum performance.
- Do not charge the battery in a sealed container or upside down. It is recommended to charge the battery in a well-ventilated area.
- WARNING: Explosive gases. Prevent flames & sparks.
- Do not charge the battery near a heater, where heat accumulation may occur, or in direct sunlight.
- In order to prolong the service life of the battery please avoid over discharging the battery.
- Always recharge the battery as soon after your round of golf as possible.
- When the trolley is not in use for an extended period of time, you should charge the battery once a month.
- The battery's red terminal is positive, and the black is negative. Please connect the poles of the battery correctly.
- Do not discharge the battery other than through normal use on your trolley as this may damage the battery and result in reduced life and performance.
- 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.
- Charger instructions are included on the enclosed leaflet. Please read before use.
- Do not drop, disassemble, or incinerate the battery, it must be disposed of correctly.

# TECHNICAL SPECIFICATIONS

## BATTERY INFO

Type	Capacity	Voltage	Weight	No. Of Cycles
Lithium	13.2 AH	14.8 V	1 KG	>1000 Times
Lead Acid Standard Range	20 AH	12 V	7 KG	>150 Times
Lead Acid Extended Range	26 AH	12 V	9 KG	>150 Times

# TECHNICAL SPECIFICATIONS

## TROLLEY TECHNICAL SPECIFICATIONS

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

## CHARGER TECHNICAL SPECIFICATIONS

<b>Type</b>	<b>Input</b>	<b>Output</b>
Lead Acid	100V - 240V AC	12V DC - 4.0 A
Lithium	100V - 240V AC	12V DC - 3.0 A

# NOTES

P8



**Manufacturer:**

Wizza LTD    Ladds Garden Village    Bath Road    Reading  
Berkshire    RG10 9SB    United Kingdom

**Verification of CE Compliance – No:**

SHEM170500290501TXC