

ePUSH



User Guide

Off-Road Terrain Safety Recommendations

1. Off-road terrain can feature variable conditions and hazards. Stay alert and ride within your abilities.
2. Wear appropriate clothing and an approved bicycle helmet.
3. Stick to the approved trails. Don't ride alone in remote areas.
4. Take a mobile phone or travel the trails with a companion.
5. Observe trail etiquette giving way to pedestrians, runners and animals.
6. Never ride with headphones as they can drown out noises from potential hazards around you.
7. Wet weather reduces grip for steering, braking and drive. Avoid excessive speed and allow greater stopping distances. Apply the brakes gently to avoid skidding.

Riding Instructions

The all-terrain wheelchairs control systems are designed to be simple to use, intuitive and give the user unsurpassed levels of ride comfort. However, it may take a few moments to become familiar with the controls upon your first try.

Please choose a smooth and level piece of ground that is clear of obstructions and contains sufficient space when riding the eTrike or ePush for the first time.



Areas that contain rough or steep terrain, open water, maneuvering vehicles or large amounts of pedestrian traffic are not recommended.

Avoid riding the ePush through deep water as this could damage the electrical components of the system.

Familiarize yourself with operating the ePush manually before progressing to using the power assist motor system. Take a gradual approach before starting to use the Throttle on the lowest power setting.

Transferring in and out

Due to the presence of the extra features, special care must be taken while transferring in and out.

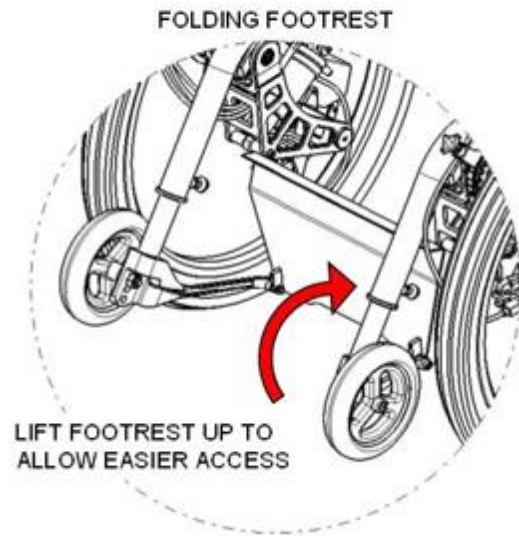
Choose smooth, flat ground to perform the transfer with sufficient space to use transfer aids if necessary and allow assistance if required.

Always ensure the parking brakes are applied on both brakes during transfer.

When transferring into the ePush, lift the footrest up to enable the user to get closer to the seat during transfer. Do not stand on the footplate during transfer as this can overstrain the footplate or cause the ePush to tip forward unexpectedly.

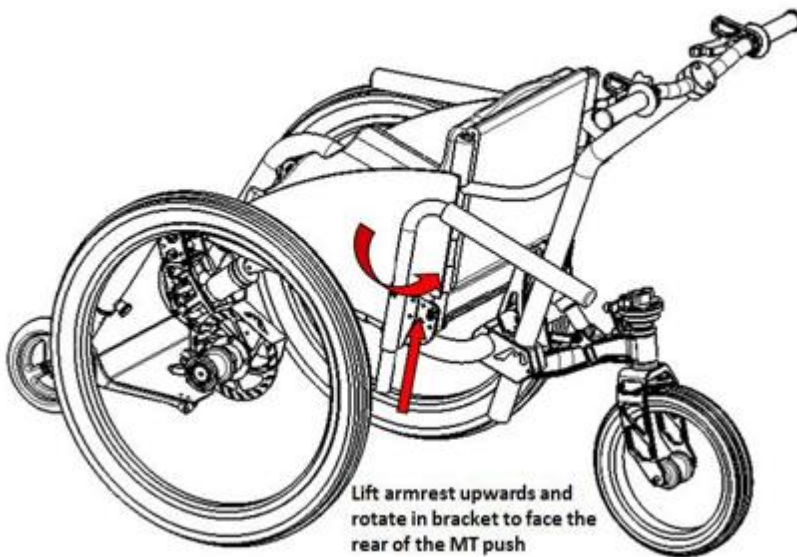
[Folding Footrest]

[Lift footrest upward to allow easier access.]



You may wish to move the arm rests to improve access to the seat during transfer. The armrests can be removed completely or turned to face the rear of the ePush while still in the bracket.

[Lift armrest upward and rotate in bracket to face the rear of the ePush.]

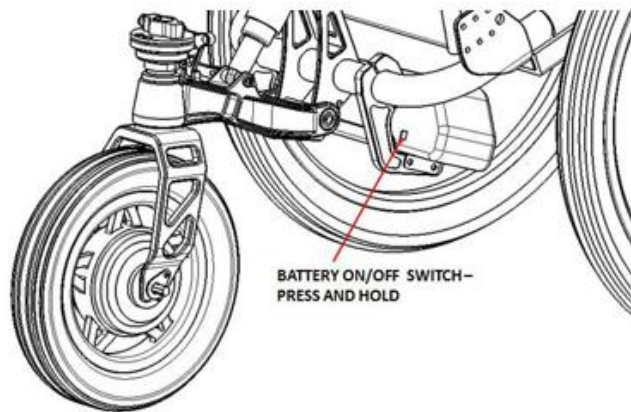


Using the Electric Assist

The electric assist system powers the rear wheel to give a power boost when needed. It is completely separate to the manual drive which operates the front wheels.

To turn on the electric assist:

1. Press and hold the button on the battery for 3 seconds.



[Battery on/off switch – press and hold]

2. Press and hold the centre button on the display for 3 seconds until the display lights up.



There are 5 power settings:

- 1- Lowest power (60% of full power) approx. 3.5mph
- 2- 2nd lowest power (70% of full power) approx. 3.5mph
- 3- Mid power (80% of full power) approx. 3.5mph
- 4- 2nd highest power (90% of full power) approx. 4mph
- 5- Highest power (100% of full power) approx. 4 mph

To scroll between the power settings, use the Up and Down arrow buttons.
Press and hold the ON/OFF button to turn the system on or off.

Press and release the ON/OFF button to scroll between current speed and Max or average speed information.

Steering

Practice turning. Get a feel for the turning circle of the ePush in a flat and smooth area that's free of obstructions before moving onto more challenging terrain or busy or confined spaces.

Avoid making quick turns especially on uneven ground.

To operate the rear hub motor wheel, push the throttle gently and the ePush will crawl forwards slowly. Push the throttle more and the ePush will drive faster.

It is recommended that you start slow on the lowest power setting, familiarize yourself with the throttle and get a feel for the controls on easy terrain.

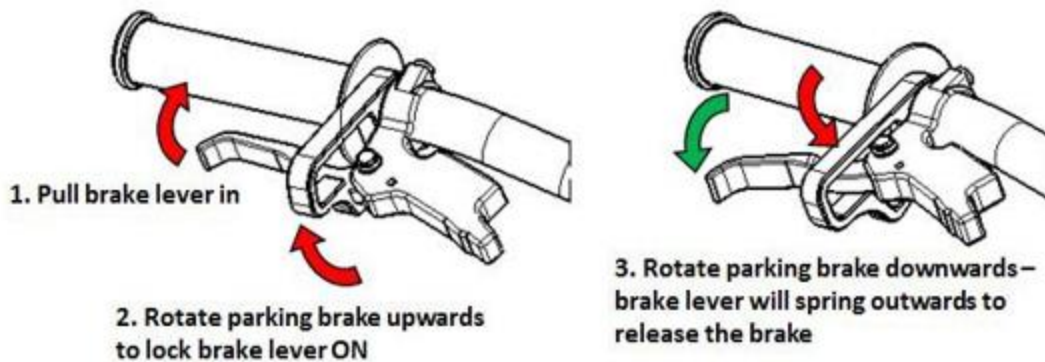
[Thumb throttle]



Braking

Two hydraulic disc brakes provide braking power and control. The brakes work on the two main front wheels.

Apply very gentle pressure when braking. As the left and right brakes are independent, it is also important to apply force evenly to each brake. Otherwise, you could veer to the side.



Practice braking on low, flat ground and get a feel for the brakes and making controlled stops before attempting more challenging terrain.

Note: Always keep at least one or two fingers resting on the brakes at all times when riding. This is known as 'covering the brakes' and is a technique that can give better control and reduce any tendency to 'grab' the brakes suddenly.

Descending Slopes

Descending requires the use of the steering and braking systems. The most important aspect of descending is using the brakes to control speed. Feathering or 'modulating' the brakes, using finely controlled pressure on the brake lever, is required to keep the wheels rolling while controlling the speed. Too little braking force and speed will increase until control is lost, too much braking force can cause tipping or locking of the wheels which could lead to a fall.

Do not power the throttle when riding downhill as this could cause unnecessary acceleration that may be difficult to control.

Battery Life

The distance range will depend on conditions, user weight, speed and terrain, but as a rough guide the distances of between 8 miles and 20 miles can be covered using the electric assist.