



**OTTO**

# Owner's Manual

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## Weight limitation

### WARNING

1. Please refer to the specifications table for weight capacity information.
2. Keep within the specified weight capacity for your ATTO. Exceeding the weight capacity voids your warranty. The manufacturer will not be held responsible for injuries or property damage resulting due to failure to observe weight limitations.
3. Do not carry passengers on the ATTO. Carrying passengers on the ATTO may affect the center of gravity, resulting in tipping over or a falling.

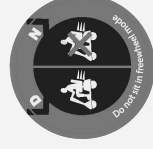
## Temperature

### WARNING

1. Some of the parts of the ATTO are susceptible to change in temperature. The controller can only operate in temperature that ranges between minus 20°C and plus 50°C.
2. At extreme low temperatures the batteries may freeze, and your ATTO may not operate. In extreme high temperatures it may operate at slower speeds due to a safety feature of the controller, which prevents damage to the motors and other electrical components.
3. ATTO surfaces temperatures can increase or decrease when exposed to external sources of heat or cold (e.g. sunlight, outdoor environment).

## Safety labels

The following safety symbols are used on ATTO to identify warnings, mandatory actions and prohibited actions. It is very important that you read and understand them completely.



Place unit on level ground when changing from "D" drive mode to "N" freewheel mode or freewheel mode to drive mode.

N = Unlocked / freewheel.

D = Locked / drive mode specified in the specification section of this Owner's Manual.



Do not lift handle while seated

Do not lift marked handle while seated on ATTO.



Pinch Point  
Do not lift handle while product is unfolded

Marked handle is not intended for product lifting.



Trolley may topple

ATTO may topple when not in parking mode.



Pinch Point  
Do not lift handle while product is unfolded

Marked handle must not be used while ATTO is in opened position.



Pinch Point  
Module Weight: 12Kg

Indicates front module weight in kilograms.

Indicate ATTO's maximum user weight capacity.

Reduce speed to minimum when approaching an incline or a turn.

Avoid ascending or descending ramps, curbs or slopes greater than 6°.


Avoid sharp turns or sudden stops.



Indicates ATTO's maximum user weight capacity. Indicates rear module weight in kilograms.



Pinch/Crush points created during the operation of ATTO (opening, closing, assembly, & disassembly).



The icon shows a hand being pinched between two parts, with the text 'Pinch Point' and a warning symbol.

### Damaged labels

In case labels are unreadable for any reason, please consult this chapter and contact MovingLife for a new set of labels free of charge.

### Compliance and Warning Labels

The ATTO Mobility Scooter system components are equipped with various product compliance labels and icons. These are strategically positioned to provide important information regarding safe operation of the system.

For a description of the labels and symbols used as well as details of their location, refer to the following:

- Safety Rating and Manufacturer Identification Label on page 78.
- Symbols and Descriptions on pages ~24.

**NOTE:** Additional labels used on system controls, accessories and disposables are illustrated and described in the following sections:

- Labels on ATTO Mobility Scooter Controls on page.

### EMC information

#### WARNING

It is very important that you read this information regarding the possible effects of electromagnetic interference on your ATTO.

### Electromagnetic Interference (EMI) from radio wave sources

Mobility scooters may be susceptible to electromagnetic interference (EMI), which is interfering electromagnetic energy (EM) emitted from sources such as radio stations, TV stations, amateur radio (HAM) transmitters, two-way radios, and cellular phones. The interference (from radio wave sources) can cause the mobility scooter to release its brakes, move by itself, or move in unintended directions. It can also permanently damage the mobility scooter control system. The intensity of the interfering EM energy can be measured in volts per meter (V/m).

Each mobility scooter can resist EMI up to a certain intensity. This is called the "EMI immunity level". The higher the EMI immunity level, the greater the protection from EMI. Currently the ATTO technology has

an immunity level of at least 20 V/m, which provides useful protection from the more common sources of EMI.

There are a number of sources of relatively intense electromagnetic fields in the daily environment. Some of these sources are obvious and easy to avoid. Others are not apparent, and exposure is unavoidable.

However, we believe that by following the warning listed below, your risk to EMI will be minimized.

The sources of radiated EMI can be broadly classified into three types:

1. Hand-held portable transceivers. These are transmitters-receivers with the antenna mounted directly on the transmitting unit. These devices include citizens band (CB) radios, walkie-talkies, security, fire and police transceivers, cellular telephones, and other personal communication devices).

**NOTE:** Some cellular telephones and similar devices transmit signals while they are on, even when not being used.

2. Medium-range mobile transceivers, such as those used in police cars, fire trucks, ambulances and taxis. These usually have the antenna mounted on the outside of the vehicle.

3. Long-range transmitters and transceivers, such as commercial broadcast transmitters (radio and TV broadcast antenna towers) and amateur (HAM) radios.

**NOTE:** Other types of hand-held devices, such as cordless phones, laptop computers, AM/FM radios, TV sets, CD players, cassette players, and small appliances such as electric shavers and hair dryers are not likely to cause EMI problems for your ATTO, as far as we know.

### Mobility Scooter Electromagnetic Interference (EMI)

Because EM energy rapidly becomes more intense as one moves closer to the transmitting antenna (source), the EM fields from hand-held radio wave sources (transceivers) are of special concern. It is possible to unintentionally bring high levels of EM energy very close to the mobility scooter control system while using these devices. This can affect the mobility scooter movement and braking.

Therefore, the warnings listed below are intended to prevent possible interference with the control system of the ATTO. Electromagnetic interference (EMI) from sources such as radio and TV stations, amateur radio (HAM) transmitters, two-way radios, and cellular phones can affect mobility scooters.

### WARNING

Following the warnings listed below should reduce the chance of unintended brake release or scooter movement, which could result in serious injury.

1. Exercise caution when using hand-held transceivers (transmitters receivers), such as citizens band (CB) radios, or turn on personal communication devices such as cellular phones while the ATTO is turned ON;
2. Be aware of nearby transmitters, such as radio or TV stations, and try to avoid going close to them;
3. If unintended movement or brake release occurs, turn the ATTO OFF as soon as it is safe;
4. Be aware that adding accessories or components, or modifying the ATTO, may

make it more susceptible to EMI (NOTE: There is no easy way to evaluate their effect on the overall EMI immunity of the ATTO);

5. Report all incidents of unintended movement or brake release to the ATTO manufacturer and note whether there is a source of EMI nearby

**Important**

EMI/RFI – ATTO has passed an EMI immunity test according to EN 60601-1 Class B.

Modification of any kind to the electronics of the ATTO as manufactured by MovingLife may adversely affect the EMI immunity levels.

**WARNING**

The operation of the ATTO might disturb the operation of devices in its environment due to emitting of electromagnetic fields (e.g. alarm systems of shops, automatic doors, etc.).

**Radiation**

The ATTO Mobility Scooter does not generate any hazardous radiation.

## ATTONOMY



Figure 1 - ATTO in folded mode

# ATTONOMY



Figure 2 - ATTO in driving mode

# ATTONOMY

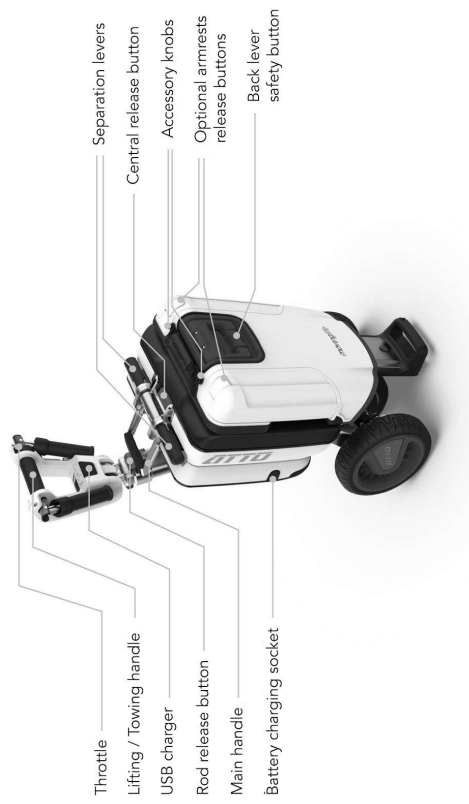


Figure 3 – ATTO in trolley mode

## OPERATING ATTO

ATTO is very easy to operate; it requires no special skills. Learn how to operate your ATTO by following the steps described in the following pages and by practicing.

The first step is to read through this chapter of the Owner's Manual and understand the sequence of steps required for opening and closing (folding) the ATTO. Once completed, use the manual to guide you while you practice each step. It may be difficult at first but it will become very easy once you have practiced it several times.

To support easy visual learning we have created a simple video, which is available to watch under the videos section of our website:

[www.movinglife.com/videos](http://www.movinglife.com/videos)

### WARNING

Injury hazard due to improper assembly, disassembly, opening or closing ATTO. Ensure that all components in the ATTO have been correctly placed before continuing to the next step. Always check that all locked devices are safely secured.

### Opening

1. Position your ATTO is on a flat surface before opening. Make sure you have clearance of 2 meters (7 feet) from the side of the back wheels.

### PINCH POINT

Operations described below are done near and around pinching points. Be careful and follow instructions to prevent injury. Make sure your fingers are distanced from moving parts that may be closing gaps while in movement.

2. Release the adjustment lever of the handlebar (1) and bring the handlebar to an upright position (2), then bring the lever back to its secured position (3) (see Figure 4).



Figure 4

4. Press the rod button (1) and tilt it away from the main ATTO body (2) (see Figure 6).



Figure 6

5. Hold ATTO by both the main handle and the handlebar (see Figure 7).

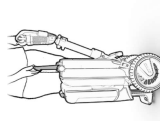


Figure 7

3. Press the central release button until it clicks and remains pressed down (see Figure 5).



Figure 5

6. Tilt ATTO toward the rod until the front wheel touches the ground (see Figure 8).

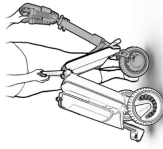


Figure 8

7. Using the main handle, pull the main body away from the rod, thus rolling the back wheels away from the front wheel (see Figure 9).

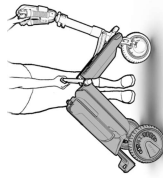


Figure 9

8. Gently move the handle down until ATTO's base is flat (see Figure 10).

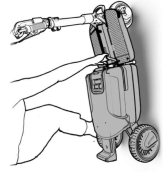


Figure 10

**NOTE**

Keep holding the rod at upright position.

9. Place handle in its designated place (see Figure 11).



Figure 11

10. Lock the rod in upright position by pushing the front lever down until it clicks and locks in place (1) (see Figure 12). In case the front lever requires too much force to operate, you should apply horizontal pressure on the main handle towards the front of the ATTO (2). This will release the pressure on the front lever and will make it easier to lock (3).

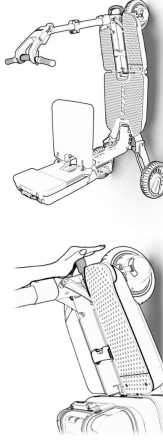


Figure 12

11. Place one hand on the tiller and with the other hand release the secure lever of the back handle (1), bring the handle to an upright position of 90 degrees (2) (see Figure 13).



Figure 13

**NOTE**

For proper operation please do not flip the handle to 180 degrees from closed position. If you did and you are unable to lift the chair backwards, return the handle to its original position and try again.



Using the handle, pull the back of the chair backwards until it clicks and locks in place (see Figure 14).

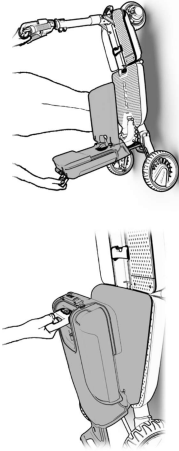


Figure 14

12. Continue using the handle to pull up the chair until it clicks and locks in place (see Figure 15).

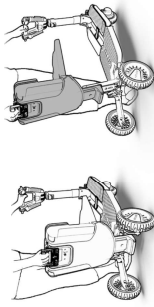


Figure 15

### WARNING

Do not sit on the chair before it clicks into place, to prevent it from sliding down again.

13. Open both sides of the handlebar (see Figure 16).

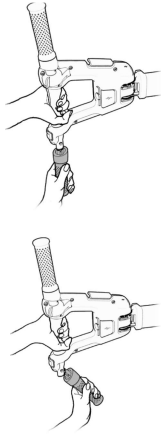


Figure 16

### Installing the battery

To install the battery, insert first the back end of the battery (1) and then push the front until the battery clicks and locks in place (2) (See Figure 17).

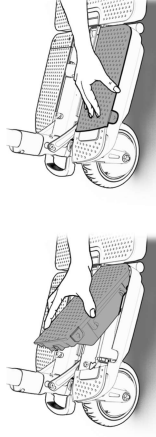


Figure 17

### NOTE

Make sure the battery is properly connected before folding ATTO or turning it on.

### Removing the battery

Identify the battery release button (see highlighted in red in Figure 18).

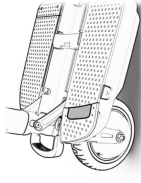


Figure 18 - battery release button

To remove the battery from ATTO, press the release button (1) and pull the battery out (2) (see Figure 19).

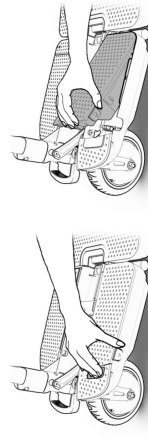


Figure 19

Use the handle for carrying the battery when it has been removed from ATTO (see Figure 20).

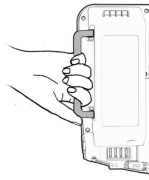


Figure 20

#### WARNING

- NEVER attempt to recharge the batteries by attaching cables directly to the battery terminals.
- DO NOT attempt to recharge the battery and operate ATTO at the same time.
- DO NOT attempt to recharge the battery when ATTO has been exposed to any type of moisture.

- DO NOT attempt to recharge the battery when ATTO is outside.
- DO NOT sit on ATTO while recharging the battery.

#### WARNING

- A new battery MUST be fully charged prior to initial use of ATTO. ALWAYS fully charge a new battery before initial use or your battery life will be reduced.
- As a general rule, you should charge your battery at 60% of full charge before placing in storage for any long period of time.
- Only use a charger approved by MovingLife.
- Use of improper extension cord for the charger could result in risk of fire and electric shock.

Charging the battery can be done on board and off board. This means that you can connect the charger when the battery is attached to the ATTO or when it is detached from the ATTO.

#### Adjusting for maximum comfort

Several adjustments can be made for maximum comfort. Some adjustments can be made by the user, while other adjustments must only be made by a certified technician. The adjustments that can be made by the user are specified in detail in this section.

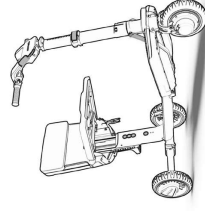


Figure 21 Comfort adjustments

#### PINCH POINT

Operations described below are done near and around pinching points. Be careful and follow instructions to prevent injury. Make sure your fingers are distanced from moving parts that may be closing gaps while in movement.

#### Adjusting Driving Console height

Open the rod lever and hold it (1) while you adjust the height of the handlebar to your preferred level (2). Bring the lever back to the secure position once you're done (3) (see Figure 22).

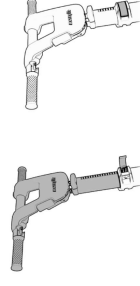


Figure 22 Driving Console height lever

### Adjusting Driving Console angle

ATTO's Driving Console can be adjusted to your comfort in a variety of angles. To adjust the Driving Console, you should first be seated on your ATTO:

1. Hold the Driving Console in one hand and release the adjusting lever using the other hand (1)
2. Adjust the Driving Console angle so that you can reach and hold it comfortably with a clear view of the display area (2)
3. Tighten the adjustment lever once you're done (3). (see Figure 23).

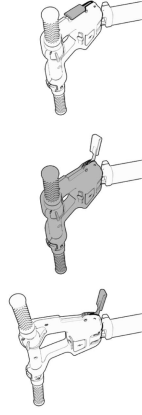


Figure 23 Driving console tilt adjustment

### Seat height adjustment

#### REQUIRES TOOLS

Adjusting seat height must be performed only by certified technician to prevent injury and damage.

Although ATTO's seat is slim and stylish, it was designed to provide comfort and safety and can be adjusted according to user's preferences. The seat mechanism can be locked at one of four fixed heights. To adjust seat height please follow the following steps:

1. ATTO must be in opened position in order to adjust seat height. Lift the seat to an upright position, locate the seat height adjustment cover, which is at the base of seat right under the seat pivots, and remove it by pressing on 2 side spots with a screwdriver (see Figure 24, Step 1).

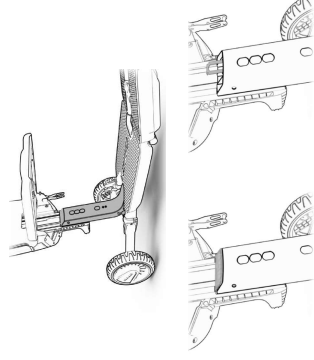


Figure 24 Seat height cover

2. Under the cover you will find a metal bracket that has to be removed. Hold the bracket between your fingers and lift it out. Remember the bracket position to make it easier to put it back in place again (see Figure 24, Step 2).
3. Once the bracket is removed you should be able to remove the bulky metal pin (located

in one of the three adjustment holes). Please keep holding the seat in its place! Remove the pin while holding the seat with your other hand (see Figure 25, Step 3).

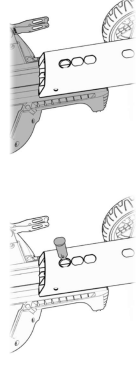


Figure 25 Seat height adjustment holes

4. Now you can adjust the seat height to any of the four holes and reinsert the pin to hold it in place (see Figure 25, Step 4).
5. DO NOT FORGET to reinsert the metal bracket and the cover.

#### WARNING

When the seat is in its highest position, the ATTO will be more inclined to tip over.

## Tiller angle adjustment

### REQUIRES TOOLS

The tiller angle adjustment must be done by certified technician only, to prevent injury and damage.

The tiller (steering rod) angle can be adjusted in one of two positions according to user comfort. The default position will be adequate for most users, larger users may want the tiller positioned further away from their body to facilitate more space. In order to adjust the angle, you will require a 4 mm Allen wrench (hex key).

1. ATTO must be in the opened position in order to adjust the tiller angle. Once opened, locate and release the two Allen (hex) screws (see highlighted in red Figure 26). Make sure you keep holding the tiller in upright position (you must hold the tiller to prevent it from

falling while releasing the screws).

2. Move the tiller into the desired position and tighten the two screws back again using a thread locker (such as Loctite).

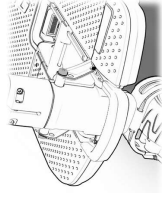


Figure 26 Steering Rod angle adjustment screws

## Driving Console

The Driving Console (your ATTO's dashboard) contains all the controls and displays needed for operating your ATTO while driving.



Figure 27 Driving Console overview

## ON/OFF and speed control buttons

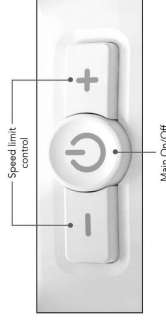


Figure 28 On/Off and speed control

- A. The On/Off button is located at the center of the Driving Console below the display panel.
- B. To turn ATTO on press and hold the button until ATTO starts.

The two buttons on the sides of the ON/OFF switch marked with "+" and "-" are your speed limit control. Along with the number shown on the display panel, they allow you to set the maximum speed ATTO will develop at full throttle. While ATTO is not moving, Click the "+" button to increase the speed and the "-" button to decrease the speed limit.

## WARNING

When driving in crowded places and near obstacles, use extra care and reduce the maximum speed to a limit that allows you to control your ATTO without presenting a risk to other people and to yourself.

## Display panel

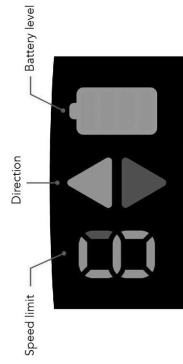


Figure 29 Display Panel

**Battery level meter** – When ATTO power is ON the battery meter indicates the approximate battery charge level. As with all Li-ion batteries, the charge level indication is accurate only when the battery is fully charged. All other indications are approximate and intended to give you a rough idea of the battery charge level. Please refer to the "Specification" chapter in this Owner's Manual for more information on your battery range.

## NOTE

Your ATTO will automatically turn itself off if the battery output falls below operation voltage.

**Direction mode** – ATTO can drive both forwards and backwards. The current driving direction is shown on the display panel by an arrow pointing forward or backward, depending on user's selection. To switch the driving direction, press on the direction button located near the left-hand grip.

## Throttle

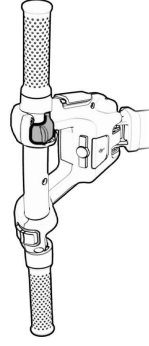


Figure 30 Driving Throttle

The throttle is used for driving and controlling the driving speed. Place your thumb on the throttle lever and press it down to accelerate. To decelerate, release the throttle lever to your level of comfort. To bring the ATTO to a complete stop simply remove your thumb from the lever which will set the lever to its "off" position, bringing the ATTO to a halt after 1.2 meters / approximately 4 feet.

## Reverse and horn buttons

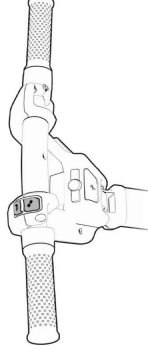


Figure 31 Reverse and horn buttons

A. ATTO is equipped with a driving direction button. Press on the button to change the driving direction. Once the driving direction has changed,

ATTO will sound a single beep when in forward driving mode, and a double beep when in reverse driving mode. In addition, a large arrow on the display panel will indicate the active driving direction. When turning ATTO on it will by default be in FORWARD driving mode.  
B. Press the horn button to sound the horn. Always use the horn when needed to prevent accidents or injury.

## WARNING

Always bring the ATTO to a full stop before changing the driving direction.

## USB port

ATTO is equipped with a general USB charging port which provides a charging current of up to 1A. If an error occurs, the port will automatically be disabled, and the ATTO will continue to operate as normal. The error will be reset after restarting the ATTO's controller (power off/on cycle).

### Display Dimming

Pressing the "+" and "-" buttons simultaneously will toggle the dimming option.

### Beep sounds

Beeps caused by pressing buttons can be enabled or disabled. To Enable, press the "+" and "Horn" buttons simultaneously. To Mute the beeps, press the "-" and "Horn" buttons simultaneously (horn is always active).

### Handlebar grips

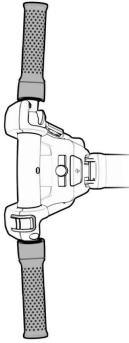


Figure 32 Handlebar grips

There are two grips on the handlebar, one on each side. To change the grips from folded position to drive position simply lift the grip around its pivot and it will lock itself in the open position. To fold it back again (only when you are about to fold ATTO), simply pull the grip away from the handlebar and push it down to an angle of almost 90 degrees where it will automatically lock itself in the folded position.

### PINCH POINT

Be careful of pinch points near the grip hinge. To prevent injury, keep your fingers away from metal parts and hold the grip and the handlebar only in non-exposed areas covered with plastic and rubber.

### Getting on ATTO

- Verify that the ATTO is turned off.
- Verify that the ATTO is fully opened and secured. See the "Opening" section of this Owner's Manual.
- Carefully place one foot on the approximate center of the deck and seat yourself comfortably and securely on the seat.

### WARNING

Do not lean on the handlebar tiller for support while stepping on or off the ATTO. The handlebar might unintentionally move and cause you to lose your balance which could result in personal injury.

### WARNING

Never step on or off the ATTO using the seat or the backrest for support. The backrest may fold down and may cause you to lose your balance, which could result in personal injury.

### Getting off ATTO

- Verify that the power is turned off.
- Carefully place one foot on the ground, transfer your weight to that leg, and slowly come to a standing position.
- Step away from the ATTO.

### Driving

### NOTE

**Inspections prior to using your ATTO:**

1. Please check that the battery is in its place and verify that it is locked securely and not protruding above the surface.
2. Please check that the battery is fully charged or has enough capacity to carry you to your desired destination.
3. Verify that the freewheel lever is in locked position.
4. Verify that all locking parts are fully secured and locked in place.

### Turning ATTO on

Press and hold the "ON" button to turn ATTO on. All lights will come on momentarily and then the following information will be indicated:

- Set maximum speed
- Forward driving direction (default)
- Battery charge level status

See Figure 33 Typical display after turning on.



Figure 33 Typical display after turning on

- We recommend that you select a maximum speed setting (using the "+" and "-" buttons near the ON/OFF switch) at which you feel comfortable, safe, and fully in control of your ATTO.
- Make sure that you are seated safely and

properly on your ATTO.

- For your first driving sessions, make sure that your ATTO starts out on a level surface and that you will continue driving on a level surface.

### WARNING

- Never touch the Freewheel/brake release lever while driving.
- Do not bend, lean, or reach for objects while driving ATTO.
- Movements may change your center of gravity and the weight distribution of the ATTO and cause your ATTO to tip over, possibly resulting in personal injury.
- Never switch the ATTO to the Freewheel mode when somebody is sitting on it.
- For proper operation, the Freewheel/brake release lever should always be

in "D" drive mode.

- Always bring your ATTO to a complete stop before stepping on or off the ATTO.

### Forward driving

- Place your hands on the handgrips. Adjust the tiller to the center position to drive straight forward.
- Make sure you are in forward drive mode by looking at the Direction Arrow on the display. If the arrow is pointing forward (away from your body) then you are in Forward Mode. If the arrow is pointing backwards (in the direction of your body) then you should press the Direction Button until you hear one beep and see that the Direction Arrow has been reset and is now pointing forward.
- Use your right thumb to operate the drive throttle. Press the throttle lightly to move forward.

- Increase the pressure applied by your thumb to increase your speed.

- To stop ATTO, release all pressure on the throttle. The throttle will automatically return to the upper (off) position and your ATTO will come to a gradual stop. **NOTE:** Always bring your ATTO to a full stop before switching directions from forwards to backwards and vice versa.

### Reverse driving

- Place your hands on the handgrips.
- Use one of your fingers to press the direction button located on the left side of the Driving Console.
- You should hear a double beep confirming that you are now driving backwards. If you hear a single beep you are in forward driving mode and should press the direction button again.
- Use your right thumb to operate the drive throttle. Press the throttle lightly to move backwards.

- Increase the pressure applied by your thumb to increase your reverse speed.
- To stop ATTO, release all pressure on the throttle. The throttle will automatically return to the upper (off) position and your ATTO will come to a gradual stop.
- You should know that for safety reasons ATTO's speed in reverse is slower than the maximum speed limit set on the speed control dial.

### Stopping

To slow down and stop just let go of the drive throttle, and it will return to the upper (off) position. The ATTO automatically brakes using the regenerative brake. This should be followed by entering the ATTO into "parking" mode using the electro-mechanical brake.

### Emergency braking

In case you must stop, and you have released the drive throttle, but your ATTO continues to move,

press the ON/OFF switch until the ATTO turns off and stops.

### Steering

- Steering your ATTO is easy and intuitive.
- With both hands on the handgrips of the tiller, turn the tiller to the right or to the left and define the driving direction accordingly.
- Make certain to maintain sufficient distance when turning your ATTO so that the rear wheels safely clear any obstacles.

### WARNING

Turning too sharply around a corner can cause the ATTO to tip over. Avoid this danger by steering a wide arc around corners and obstacles. Also, to avoid the risk of tipping over, reduce speed before negotiating any turns.

### Steering in a tight spot

If you must steer in a tight spot, such as entering a doorway or when turning around:

- Bring your ATTO to a full stop.
- Turn the speed control to the slowest speed setting.
- Turn the tiller in the direction in which you wish to drive.
- Press gently on the thumb throttle and slowly negotiate your ATTO through the tight spot or turn.

### Steering in Reverse

When backing up your ATTO please practice extra caution and pay special attention to your actions:

- Use a finger to click the direction button. You should hear a double beep confirming that you are now driving backwards.
- Turn the tiller in the direction in which you wish to drive backwards.

Note that for safety reasons ATTO's speed in reverse is slower than the maximum speed limit set on the speed control dial.

### Driving on slopes

#### WARNING

Stopping distance on slopes can be significantly greater than on level ground.

More and more buildings have ramps with specified degrees of inclination, designed for easy and safe access. Some ramps may have switchbacks (180 degrees turn) that require you to have good cornering skills on your ATTO.

- Proceed with extreme caution as you approach the downgrade of a ramp or any other incline.
- Take wide swings with your ATTO around any tight corners. If you do that, the ATTO's rear wheels will follow a wide arc, not cut the corner short, and not bump into or get hung



up on any railing corners.

- When driving down a ramp, keep ATTO's speed fixed at the slowest speed setting to ensure a safe and controlled descent.
- Avoid sudden stops and starts.

When climbing an incline, try to keep ATTO moving. If you must stop, start up again slowly, and then accelerate cautiously. When driving down an incline, do so by adjusting the speed to the slowest setting and driving in the forward direction only. If your ATTO starts to move down the incline faster than you anticipated or desired, allow it to come to a complete stop by releasing the throttle. Then push the throttle forward slightly to ensure a safe and controlled descent.

#### WARNING

When climbing an incline, do not zigzag or drive at an angle up the face of the incline. Drive your ATTO straight up the incline. This

greatly reduces the possibility of tipping over or falling. Always exercise extreme caution when negotiating an incline.

#### WARNING

Do not drive your ATTO across the side of an incline or diagonally up or down an incline. Avoid stopping, as much as possible, while driving up or down an incline.

#### WARNING

You should not travel up or down a potentially hazardous incline (i.e., areas covered with snow, ice, cut grass, or wet leaves).

#### WARNING

When on any sort of an incline or decline, never place the ATTO in freewheel mode while seated on it or standing next to it.

#### WARNING

Even though your ATTO is capable of climbing slopes greater than that illustrated in Figure 34, do not, under any circumstances, exceed the incline guidelines or any other specifications presented in this manual. Doing so could cause your ATTO to become unstable, resulting in personal injury and/or damage to your ATTO.

Figure 34 Maximum recommended incline angle

#### NOTE

ATTO with software version 2.0 will automatically slow down when detecting slopes steeper than that illustrated in Figure 34.

#### WARNING

Any attempt to climb or descend a slope steeper than that shown in Figure 34 may make ATTO unstable and cause it to tip over, resulting in personal injury.

When approaching an incline, it is best to lean forward (see Figure 35 and Figure 36). This shifts the center of gravity of you and your ATTO toward the front of the ATTO and improves stability.

Figure 35

Normal driving position

Figure 36

Shifts center of gravity

#### Turning corners

Turning at high speed may cause tipping over. Factors affecting the possibility of tipping over

include turning speed, steering angle (how sharply you are turning the steering tiller), uneven road surfaces, inclined road surfaces, a transition from low grip area to high grip area (such as moving from a grassy surface to a paved surface - especially at high speed while turning), and abrupt changes of direction. High speed turning is not recommended. If you feel you are about to tip over while turning, reduce speed and steering angle (i.e., make the turn wider) to prevent your ATTO from tipping over.

#### WARNING

When you turn a sharp corner, reduce speed. When you use the ATTO at a high speed, do not make sharp turns. This will reduce the risk of overturning and falling. Always exercise discretion when taking a turn to avoid injury and damage to property.

### Folding (closing)

Make sure ATTO is on flat ground before folding it.

#### PINCH POINT

Operations described in this chapter are done near and around pinching points. Be careful and follow instructions to prevent injury. Make sure your fingers are distanced from moving parts that may be closing gaps while in movement.

2. Fold both sides of the handlebar (see Figure 37).

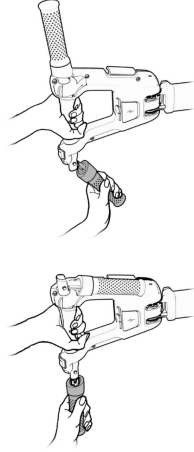


Figure 37

3. Release the secure lever of the back handle (1) and bring the handle to 100-degree position (2). Allow the seat to slide down until it clicks in place (3) (See Figures 38 and 39).

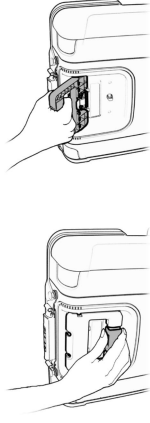


Figure 38

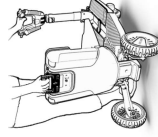


Figure 39

4. Push the back of the chair forwards until it clicks (see Figure 40).



Figure 40

5. Use one hand to keep the rod upright. Using your other hand, release the front lever (1) In case the front lever requires too much force to operate, you should apply horizontal pressure on the main handle towards the front of the ATTO (2). This will release the pressure on the front lever and will make it easier to open (3) (see Figure 41).

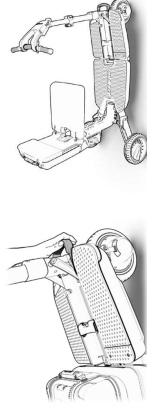


Figure 41

Switch hands. Use one hand to keep the rod upright and use your other hand to lift the main handle (see Figure 42).

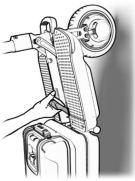


Figure 42

6. Using the main handle to pull the center upwards and towards the rod (1) until it clicks and locks in place (2) (See Figure 43).

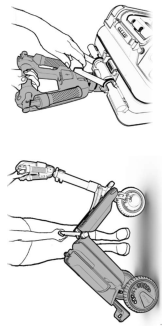


Figure 43

### PINCH POINT

Be careful not to pinch your finger between the chassis. This area is a pinch point and requires your full attention.

7. Pull the rod lever (1) to adjust the height of the handlebar to the lowest position and bring the lever back to the secure position (2) (See Figure 44).

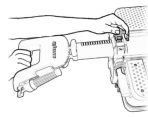


Figure 44

8. Release the adjustment lever of the handlebar (1) and bring the handlebar to a horizontal position (2). Then bring the lever back to secure position (3) (see Figure 45).



Figure 45

### Trolley Mode

1. Make sure your ATTO is on flat ground before folding it into trolley mode.

2. Press the rod button (1) and tilt it away from the main ATTO body (2) (see Figure 46).

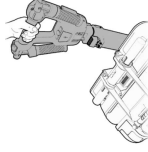


Figure 46

3. Hold ATTO by the handlebar and rotate the main handle by 180 degrees (see Figure 47).

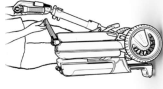


Figure 47

4. Connect the main handle to the rod button housing (See Figure 48).

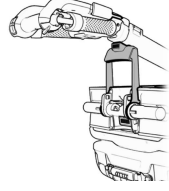


Figure 48

## Separating the chassis

### WARNING

Lifting ATTO by yourself may be challenging for some people and therefore not recommended. If you have another person to assist you, we suggest lifting the product together. If you need to lift ATTO alone, you can separate ATTO into two segments as described below. Lifting ATTO as a whole may be too heavy and may cause injury or damage.

ATTO's front and rear halves (chassis) can be easily separated in only a few seconds by operating a knob and two handles. The same technique applies to putting the two halves back together. This is a very useful feature when storing the ATTO in the trunk of a car or in an airplane's overhead bin.

1. Make sure the handlebar is secured in an upright position (see Figure 49).

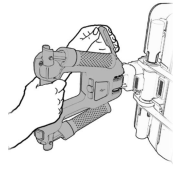


Figure 49

2. Open both separation levers (see Figure 50). In case the separation levers require too much force to operate, you should apply horizontal pressure on the driving console towards the center of the ATTO. This will release the pressure on the separation levers and will make them easier to open.

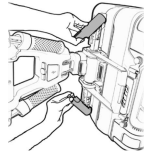


Figure 50

3. Hold the handlebar with one hand and press the central release button with the second hand until it clicks (see Figure 51).

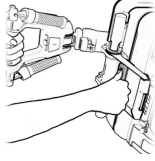


Figure 51

4. Carry the front chassis from the handlebar and separate from the back chassis (see Figure 52).

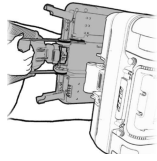


Figure 52

## Lifting separated chassis

1. Once the two chassis have been separated and you are ready to lift them, for instance into your car trunk, make sure both chassis are set flat on the ground where they will not be an obstacle to you or to others.
2. Grab one of the chassis from designated handles and carry it to its destination (See Figure 53).
3. Repeat the previous step on the other chassis.
4. Lay the chassis flat and secure them with straps (or by other methods) to ensure safety and damage free transportation.

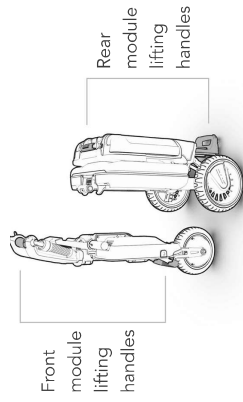


Figure 53 – Lifting points

### Connecting the chassis

1. Make sure the handlebar is secured at an upright position (see Figure 54).

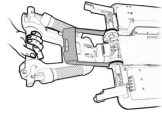


Figure 54

- Place the back chassis vertically. Hold the front chassis from the handlebar and bring it towards the back chassis (see Figure 55).

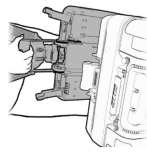


Figure 55

2. Bring the two parts together. Use the hanging hooks (see Figure 56) to align the two ends properly. At this point the central release button will click.



Figure 56

3. Close the two separation levers until they click (see Figure 57). In case the separation levers require too much force to operate, you should apply horizontal pressure on the driving console handle towards the center of the ATTO. This will release the pressure on the separation levers and will make them easier to close.

**NOTE:** DO NOT try to open ATTO for driving before the two levers are secured in the downwards position.



Figure 57

### Freewheel

ATTO is equipped with a manual freewheel lever, which when pushed to "N" means it is in freewheel mode and allows the ATTO to be pushed.

#### WARNING

When ATTO is in freewheel mode, the braking system is disengaged, and ATTO will move freely with very little force. This can cause injury and property damage to anyone and anything nearby.

- Change to freewheel mode only on a level surface.
- Ensure ATTO's power is turned off.
- Never sit on ATTO while handling the freewheel lever.

#### WARNING

After you have finished pushing your ATTO, always lock the brakes by changing to non-freewheel mode.

## Operating the freewheel

In case the battery dies or ATTO is not driving, ATTO may be rolled manually. This will require releasing the mechanic auto-brake of the front wheel pushing the free wheel lever towards mode "N" (see Figure 58).



Figure 58 Releasing the freewheel

Before driving ATTO again, make sure the freewheel lever is pushed backwards to mode "D" (see Figure 59).



Figure 59 Securing the freewheel

## Battery and charger

ATTO's charger is a small yet smart and powerful charger with the ability to connect to any electrical grid rating 110VAC – 240VAC. It is fully approved and safe to use.

- When connecting the charger, connect the DC charging cord to the battery charge plug before connecting the charger AC cord to the electrical outlet.
- When disconnecting the charger, always do so in reverse order of the connecting process.



Figure 60 ATTO's Li-ion Battery



Figure 61 ATTO's Charger

## Charging the battery

### NOTE

- A. The battery should not be emptied. To maintain good battery state and maximize its life span always charge the battery when

the battery meter reaches 2 green lines.  
B. Before storing the battery for a long period of time make sure to charge it to about 60% of full charge.

1. Connect the charger to the electric socket. The Green LED should turn green to indicate the charger is properly connected to the socket.
2. Connect the other end of the charger to ATTO's battery. The charger LED will turn red to indicate that the battery is not fully charged, and that charging is taking place.
3. When the battery is fully charged, the LED will turn green. This may take up to 6 hours. Once charging is completed, disconnect the charger from the wall socket and then disconnect the battery from the charger.

### NOTE

Battery can be charged either when connected to ATTO or out of ATTO.