

iMoving X1

OWNER'S MANUAL



TABLE OF CONTENT

PREFACE	02
SAFETY	02
PRODUCT DESCRIPTION	04
OPERATING X1	06
Driving Console	12
TROUBLESHOOTING	30
SPECIFICATIONS	31
LIMITED WARRANTY	34

Preface

Important Notice

This document is delivered subject to the following conditions and restrictions:

This Owner's Manual contains proprietary information of iMoving Ltd. This information is supplied solely iMoving Ltd products.

This manual is designed to serve as an accompanying document to the iMoving X1 Mobility Scooter.

No part of the contents of this manual may be used for any other purposes, disclosed to any person or firm, or reproduced by any means, without the express prior written permission of iMoving Ltd.

The text and drawings in this manual are for the purposes of illustration and reference only. The specifications on which they are based are subject to change without notice.

Safety

Safety highlights



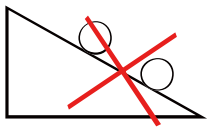
A mobility scooter is not a toy and should not be used by children, unless they are the intended users who comply with laws and regulations and with the minimum requirements specified in the specification section of this Owner's Manual.



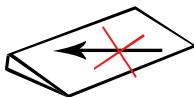
A mobility scooter is not intended for show-off driving or any other use other than the intended use. This mobility scooter must be used only in areas intended for pedestrians and under conditions allowing safe use and good contact with the ground.



Beware of snow, ice, sleet, rain, strong wind, sand, broken glass and other obstacles and interferences. All those and other such irregularities are dangerous to you and to others and should be avoided to prevent injury and damage.



Do not try to descend or climb and incline with an angle greater than recommended. See the "Specifications" section of this Owner's Manual.



Always climb or descend an incline by driving straight up or straight down the incline.





OPERATING X1

Moving X1 is very easy to operate; it requires no special skills and can be learned by following the steps described in the following pages and by practice.

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

To help you learn we have created a simple video you can watch under the videos section of our website:

<https://www.youtube.com/watch?v=WbZqHqUpVLU>

WARNING

Injury hazard due to improper assembly/disassembly, opening or closing X1. Ensure that all components in the scooter have been correctly placed before continuing to the next step. Always check that locked devices are holding correctly.

Opening

1. make sure your X1 is on flat ground before opening. Make sure you have clearance of 2 meters(7feet) 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 away from moving parts that may be closing gaps while moving.

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



Figure 4

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

4.Press the rod button and tilt it away from the main X1 body(see Figure 6)

5.Hold X1 with two hands(see figure7)

6.Tilt X1 toward the rod until the front wheel touches the ground(see 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 5



Figure 6



Figure 7



Figure 8



Figure 9

8. Gently move the handle down until X1 is flat as shown in Figure 9 (see Figure 10)

NOTE Keep holding the rod at upright position

9. Place handle in the designated recess until it clicks and locks in place (see Figure 11)

10. Lock the rod in upright position by pushing the front lever down until it clicks and locks in place (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 scooter. This will release the pressure on the front lever and will make it easier to open.



Figure 10

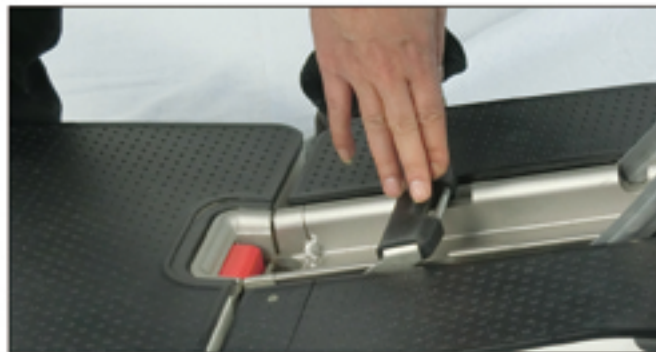


Figure 11



Figure 12

11. Place one hand on the tiller and with the other hand release the secure lever of the back handle and bring the handle to upright position at 90 degrees (see Figure 13). Using the handle, pull the back of the chair backwards until it clicks and locks in place (see Figure 14).

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.

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

13. Open both sides of the handle bar



Figure 13



Figure 14



Figure 15



Figure 16



Figure 16

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 detailed in this section.

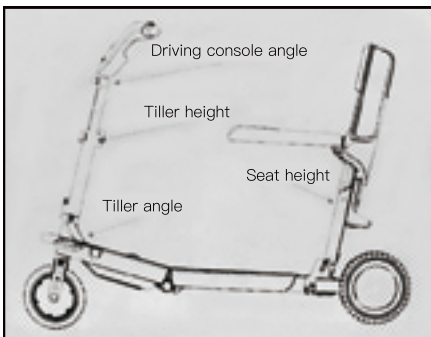


Figure 17

PINCH POINT

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

Adjusting Driving Console angle

Use the rod lever to adjust the height of the handle bar at your convenience. Bring the lever back to the secure position once you are done(see Figure 17)



Figure 18



Figure 19

Adjusting Driving Console angle

X1'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 mobility scooter:

1. Hold the Driving Console in one hand and release the adjusting lever using the other hand(see Figure 19)

2.adjust the Driving Console angel so you can reach and hold it comfortably with a clear view of the display area.

3.Tighten the adjustment lever when you are done.

Seat height adjustment

REQUIRES TOOLS: Adjusting seat height must be performed only by certified technician to prevent and damage.

Although X1's seat is thin 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 the three fixed heights. To adjust seat height please follow the following steps, no tools needed:

1.X1 has to be in opened position in order to adjust seat height .Lift the seat to upright position, locate the seat height adjustment cover at the seat base right under the seat pivots and remove it (see Figure 20)

2.Figure 20 Seat height cover

3.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.

4.Once the bracket has been removed you should be able to remove the bulky metal pin(located in one of the three adjustment holes) holding the seat in its place .Remove the pin while holding the seat with your other hand(see Figure 20)

5. Figure 21 Seat height adjustment holes.

6.Now you can adjust the seat too any of the three holes height and reinsert the pin to hold it in place.

7.Reinsert the metal bracket and the cover.

WARNING

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

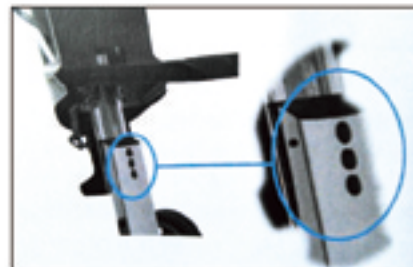


Figure 20

Tiller angle adjustment

REQUIRES TOOLS: The tiller angle adjustments must be done by certified technician only, to prevent injury and damage.

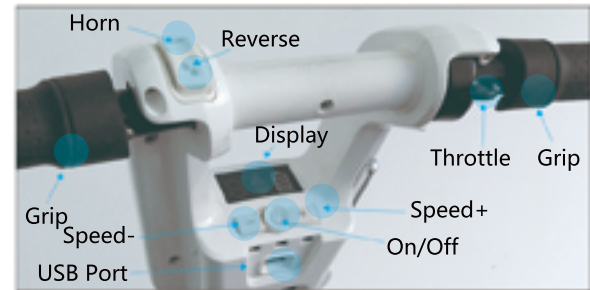
The Steering Rod(tiller) angle can be adjusted in one of two positions according to user comfort. The default position will be adequate for most users, larger users may want the Steering Rod further away from their body for more space. In order to adjust the angle you need a 4mm Allen Wrench(hex key)

1. Moving has to be in the opened position in order to adjust the tiller angle. Once opened, locate and release the two Alan(hex) screws shown if Figure 22 while holding the tiller in upright position(you need to hold the tiller to prevent it from falling while releasing the screws)

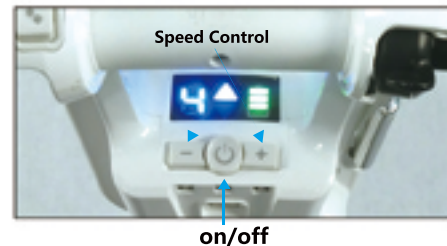
2. Move the tiller into the desired position and tighten the two screws back again using a thread locker.

Driving Console

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



Tiller angle adjustment



A. The On/Off button is located at the center of the Driving Console below the display panel. To turn X1 on press and hold the button until X1 starts.

B. 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 X1 will develop at full throttle. While X1 is not moving, Click the "+" button to increase the speed and the "-" button to decrease the speed.

WARNING

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

Display panel

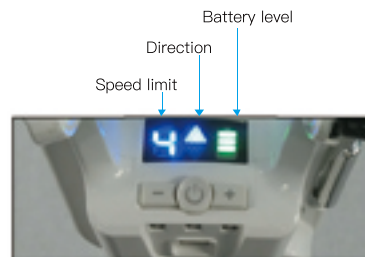


Figure 25

Battery level meter—When X1 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 charged. All other indications are approximate and intended. 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 scooter will automatically turn itself off if the battery output falls below operation voltage.

Direction mode– X1 can drive both forward and backward. 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 26

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 scooter to a complete stop simply remove your thumb from the lever which will set the lever to its "off" position, bringing the scooter to a halt after 1.2 meter.

Reverse and horn buttons



Figure 27

A. X1 is equipped with a driving direction button. Press on the button to change the driving direction. Once the driving direction has changed, X1 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 current driving mode. When X1 is turned on it is always in Forward driving mode.

B. Press the horn button to sound the horn. Always use the horn when needed to prevent accident or injury.

WARNING

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

USB port

X1 is equipped with a general USB charging port providing up to 5Volts 2A maximum charging current.



Display Dimming

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

Bee sounds

Beeps caused by pressing buttons may 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)

Handle bar grips



Figure 28

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 X1), simply pull the grip away from the handlebar and down to an angle of nearly 90 degrees where it will automatically lock itself in the new 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 X1

- * Verify that the scooter is turned off.
- * Verify that the scooter 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 during stepping on or off the scooter. The handlebar might unintentionally move and cause you to lose your balance which could result in personal injury

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

Getting off X1

- * 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 scooter.

Driving

NOTE

INSPECTIONS PRIOR TO USING YOUR SCOOTER:

1. Please check that the battery is in its place and verify it is locked and not protruding off 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 all locking parts are in fully opened position and locked in place.

Turning X1 on

Press and hold the "On" button to turn X1 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 29 Typical display after turning on.



Figure 29

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 in control of your scooter.

Make sure that you are seated safely and properly on your X1

For your first driving sessions, make sure that your X1 starts out on a level surface and that you will continue driving on a level surface.

WARNING

Do not bend, lean, or reach for objects if you have to pick them up from the scooter deck or from either side of the scooter.

Movements may change your center of gravity and the weight distribution of the scooter and cause you scooter to tip over, possibly resulting in personal injury.

Always bring your scooter to a complete stop before stepping up or down from the scooter.

Forward driving

Place your hands on the handgrips. Move 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 points forward (away from your body to the front) then you are in Forward Mode. If the arrow points backwards in the direction of your body then you should click the Direction Button until you hear one beep and making sure the Direction Arrow is 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 X1 scooter, release all pressure on the throttle. The throttle will automatically return to the upper(off) position and you scooter will come to a gradual stop.

NOTE: Always bring your X1 to a full stop before changing direction from forward to reverse ,or from reverse to forward.

Reverse driving

Place you hand up the handgrips.

Use one of your left fingers to press the direction button located on the left side of the Driving Console.

You should hear a double beep confirming you are now driving backwards .If you hear a single beep you are in forward drive mode and should click 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 X1, release all pressure on the throttle. The throttle will automatically return to upper(off) position and you scooter will come to a gradual stop.

You should know that for safety reasons X1's speed in reverse is slower than the maximum speed set on the speed control dial.

Stopping

Just let go of the drive throttle, which will automatically returns to the upper(off). The scooter automatically brakes using the regenerative brake. This will be followed by entering the scooter into "parking" mode using the Electric Absorption Braking System.

Steering

Steering your X1 is easy and intuitive.

With both hands on the handgrips of the tiller, turn the tiller to right or to the left to change the moving direction accordingly.

Make certain to maintain sufficient clearance when turning your scooter so that the rear wheels will clear any obstacle.

⚠ WARNING

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

Steering is a tight spot

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

Bring your X1 to a full stop.

Turning the speed control to the slowest speed setting.

Turn the tiller to the direction in which you wish to drive.

Press gently on the thumb throttle and slowly turn your X1.

Steering in Reverse

Backing up your X1 requires special attention to what you are doing:

Use a left finger to click the direction button. You should hear a double beep confirming you are now driving backwards.

Turn the tiller in direction in which you wish to drive backwards.

Note that for safety reasons X1's speed in reverse is slower than the maximum speed set on the speed control dial.

Driving on slopes

⚠ WARNING

Stopping distance on slopes can be significantly greater than on level ground. DO NOT park X1 on the slopes. Do not shut down the power switch on the incline.

More and more buildings have ramps with specified degrees of inclination, designed for easy and safe access. Some ramps may have switchbacks(180 degrees turns) that require you to have good cornering skills on your X1

Proceed with extreme caution as you approach the downgrade of a ramp or other incline.

Take wide swings with your X1 around any tight corners. If you do that, the scooter'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 X1 's speed set to the slowest speed setting to ensure a safely controlled descent.

Avoid sudden stops and starts.

When climb an incline ,try to keep X1 scooter moving. If you must stop, start up again slowly, and the accelerate cautiously. When driving down an incline, do so by adjustment the speed to the slowest setting and driving in the forward direction only. If your scooter 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 safely controlled descent.

WARNING

When climbing an incline, do not zigzag or drive at an angle up the face of the incline. Drive your X1 straight up the incline.

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

Do not drive your X1 across the side of an incline or diagonally up or down an incline; 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)

When on any sort of an incline or decline, never place X1 in freewheel mode while seated on it or standing next to it.

Even though your X1 is capable of climbing slopes greater than that illustrated in Figure 30, do not , under any circumstances, exceed the incline guidelines or any other specifications presented in this manual. Doing so could cause your X1 to become unstable, resulting in personal injury and/or damage to your X1.

Any attempt to climb or descend a slope steeper than what is shown in Figure 30 may make X1 unstable and cause it to tip over, resulting in personal injury.

When you approach an incline, it is best to lean forward (see Figure 31 and figure 32).This shifts the center of gravity of you and your scooter toward the front of the scooter for improved stability.



Figure 30



Figure 31

Figure 32

Turning corners

Turning at high speed may cause a 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 (as moving from a grass 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 scooter from tipping over.

WARNING

When you turn a sharp corner, reduce speed. When you use the scooter at a high speed, do not turn sharply. 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)

1.Make sure it 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 away from moving parts that may be closing gaps while moving.

2.Fold both sides of the handle bar(see Figure 33)

3.Release the secure lever of the back handle and bring the handle to 90 degrees position. Allow the seat to slide down until it clicks in place (see Figure 34 & Figure 35)

4.Push the back of the chair forwards until it clicks (see Figure 36)



Figure 33



Figure 34



Figure 35



Figure 36

5. Use one hand to keep the rod upright. Using your other hand, release the front lever (see Figure 37) 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 scooter. This will release the pressure on the front lever and will make it easier to open.

Switch hands. Use one hand to keep the rod upright and use your other hand to lift the main handle (see Figure 38)

6. Using the main handle pull the center upwards and towards the rod until it clicks and locks in place (see Figure 39)

PINCH POINT

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

7. Use the rod lever to adjust the height of the handle bar to the lowest position and bring the lever back to the secure position (see Figure 40).



Figure 37



Figure 38



Figure 39



Figure 39



Figure 40



Figure 40

8. Release the adjustment lever of the handle bar and bring the handle bar to a horizontal position. Then bring the lever back to secure position (see Figure 41)



Figure 41

Separating the chassis

⚠ WARNING

Lifting X1 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 X1 alone, you can separate X1 into two segments as described below. Lifting X1 as a whole may be too heavy and may cause injury or damage.

X1's front and rear halves (chassis) can be easily and effortlessly 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 very useful when storing X1 in the trunk or in an airplane's overhead bins.

1. Make sure the handle bar is secured at an upright position (see Figure 42)

2. Open both separation levers (see Figure 43). 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 scooter. This will release the pressure on the separation levers and will make them easier to open.



Figure 42



Figure 43

3. Hold the handle bar with one hand and press the central release button with the second hand until it clicks (see Figure 44)

4. Carry the front chassis from the handle bar and separate from the back chassis (see Figure 45).



Figure 44



Figure 45

Lifting separated chassis

1. Once the two chassis has been separated and you are ready to lift them, for instance into your car trunk, make sure both chassis is set flat on the ground where it will not be an obstacles to you or to others.

2. Grab the one of the chassis from designated handles and carry it to its destination (see Figure 46)

(1) Front handle

(2) Driving console handle

(3) Frame (underneath)

(4) Support leg

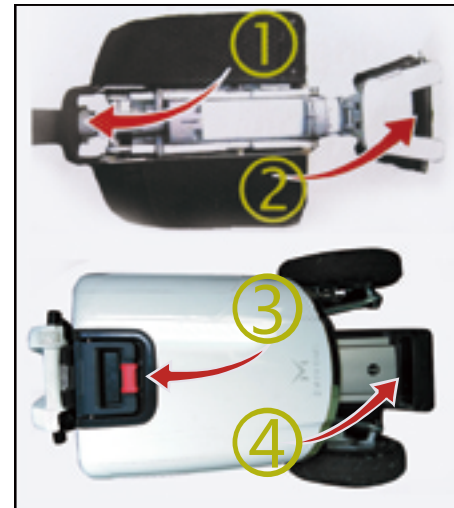


Figure 46

3. Repeat the previous step on the other chassis.

4. Lay the chassis flat and secure them with straps (or other ways) to insure and damage free transportation.

Connecting the chassis

1. Make sure the handle bar is secured at an upright position. Place the back chassis vertically. Hold the front chassis from the handle bar and bring it towards the back chassis (see Figure 48).

2. Bring the two parts together. Use the hanging hooks to locate the two ends properly. At this point the central release button will click.

3. Close the two separation levers until they click (see Figure 49). 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 scooter. This will release the pressure on the separation levers and will make them easier to open.

NOTE: DO NOT try to open X1 scooter for driving before the two levers are secured in the downwards position.

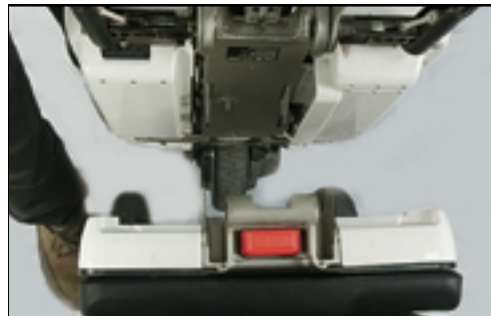


Figure 48



Figure 49

Battery and charger

X1's charger is 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 charge AC cord to the electrical outlet.

When disconnecting the charger, always do so in reverse order of the connecting procedure.



Installing the battery

To install the battery, insert first the back end of the battery and then push the front until the battery clicks and locks in place (see Figure 55)

NOTE Make sure the battery is properly connected before folding X1 or turning it on.

Removing the battery

Identify the battery release button highlighted in red frame in Figure 56.

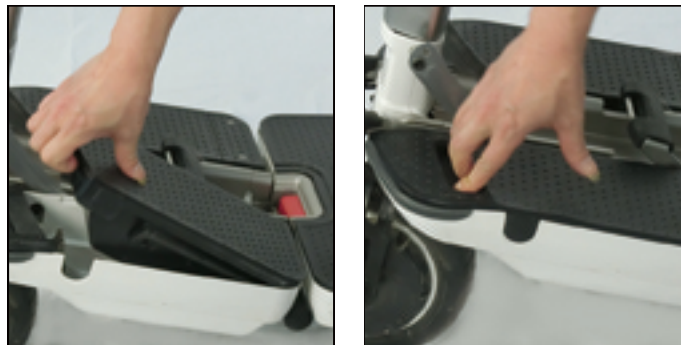


Figure 55

To remove the battery from X1 , press the release button and pull the battery out(see Figure 57)

Use the handle for carrying the battery when removed from X1 .

⚠ WARNING

Never attempt to recharge the batteries by attaching cables directly to the battery terminals.

DO NOT attempt to recharge the battery and operate X1 at the same time .

DO NOT attempt to recharge the battery when X1 has been exposed to any type of moisture.

DO NOT attempt to recharge the battery when X1 is outside.

Do NOT sit on X1 while recharging the battery.

New battery MUST be fully charged prior to initial use of X1.

ALWAYS fully charge new battery before initial use or battery life will be reduced.

As a general rule, you should charge your battery at 60% of full charge before placing in storage for long period of time.

Only use a charge approved by Moving Ltd.

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, meaning you can connect the charger when the battery is in its place inside X1 or when it is taken out of X1.



Figure 57

Charging the battery

1. Connect the charger to the electric socket. The Green LED should turn green to indicate the charge is properly connected to the socket.
2. Connect the other end of the charger to X1's battery. The charger LED will turn red to indicate 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 complete, disconnect the charger from the wall socket and then disconnect the battery from the charger.

NOTE

Battery can be charged either when connected to X1 or out of X1.

- 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 placing the battery for a long period of time make sure to charge it at about 60% of full charge.

TROUBLESHOOTING

If your scooter does not operate

1. Try to turn the scooter on by pressing the On/Off button for at least 2 seconds. If the scooter does not turn on please contact an authorized iMoving dealer.

2. Make sure the charger is not connected to your scooter.

3. Check the battery, is it charged? If you are not sure, you can connect it to the charger and wait for the green LED.

Once you are sure the battery is not empty.

4. Make sure the battery is properly placed in its battery housing on the scooter, and that there is no foreign material such as paper or dirt interfering with the electrical contact between the battery and its connector. If that's ok.

5. Check the fuse; if it is blown, replace it following the procedure in the "Maintenance" chapter of this Owner's Manual. Once you made sure the fuse is good.

If the scooter is ON but does not move

Start by checking the freewheel lever; make sure it is in locked position as described in the "chapter" of this Owner's Manual.

Charging problems

If batteries fail to charge within 12 hours:

Check the battery connections.

It may be necessary to have the batteries checked and perhaps replaced by an authorized iMoving dealer.

It may be necessary to have the charger tested.

NOTE: X1's battery can be charged while it is installed on the scooter or when it is removed from the scooter.



Do not leave the battery pack and charger plugged in for more than 12 hours. Damage To the battery pack and a hazardous condition may result.

SPECIFICATIONS

Model

iMoving mobility scooter X1

Speed

X1's maximum speed (limited by software) is 12km/h. Maximum driving speed can be set to one of the presets by simply clicking a button and watching the indication on iMoving clear view display.

Weight

Part	Kg	Lbs
X1 Scooter	28.2	62.2
Battery	1.85	4.1

Weight capacity

Maximum user weight is 100Kg.

Model

When folded, X1 is the most compact mobility scooter in the world. Nevertheless, when open and ready to drive, X1 is the largest and most comfortable in its category. X1's dimensions, units in cm(inch)

Part	Height	Length	Width
Trolley mode	73(28)	39(15.3)	42(16.5)
Drive mode	89(35)	122(48)	64(25)

Ground clearance

X1's minimum ground clearance is 10cm

Front wheel drive motor

To allow smooth and continuous drive over many years and large distances, we developed a unique, fully customized, brushless, permanent magnet DC motor, combining solid core and powerful gear along with robust braking mechanism. Via sophisticated software algorithms the motor utilizes modern reverse charging techniques for deceleration and stopping providing smooth driving experience.

Tires

PU filled non-pneumatic tires.

Battery

X1 uses a powerful, yet compact ,lightweight advanced 48 Volts lithium-ion battery. Weighting only 2KG , the battery allows for more than 40km of continuous driving while requiring only 4 hours (on average) to fully charge. You can charge X1 on-board and off-board, meaning that you can (but do not have to), take the battery off the scooter in order to charge it .Removing the battery is as easy as pressing a button. Reinstalling the battery is as easy as putting it back in place.

Operating range

Battery model	Metric	Imperial
410W/h	40Km	25Mile

Charger

UL and CE standard Charger with self-shutdown functionality for safety and extended battery and charger lifetime.

Turning Radius

1.35 meters

Maximum incline

10 degrees.

Height Restrictions

Preliminary tests show that a minimum height of 150cm is required for safe driving. This is NOT a formal recommendation, we have no concluded the tests yet, and you should check with your medical advisor.

Environment

X1 was designed and tested according to strict water resistance IP54 standard. Nevertheless, we recommend storing X1 indoor to ensure maximal lifetime of high performance and for safety reasons use it only under dry weather conditions.

Responsibility of the manufacturer

The manufacturer considers itself responsible for the effects on safety, reliability, and performance of the equipment only if:

Calibration, service and repairs of the X1 mobility scooter are carried out by IMOVING TECHNOLOGY CO., Ltd. personnel, or anyone authorized by IMOVING TECHNOLOGY CO., Ltd.

The equipment is used in accordance with instructions for use.

WARNING

Owners and operators should always adhere to the following precautions:

Refrain from modifying the X1 mobility scooter hardware or software in any way.

Never allow untrained personnel to operate the X1 mobility scooter.

Always report to iMoving Ltd authorized representatives only.

LIMITED WARRANTY

iMoving warrants this product to be free from defects in materials and workmanship for the periods stated below under each limited warranty section.

If within such warranty period, any such product shall be proven defective, such product shall be repaired or replaced at iMoving's discretion. This warranty does not include any labor or shipping charges incurred in replacement part installation or repair of any such product.

iMoving's sole obligation and your exclusive remedy under this warranty shall be limited to such repair and/or replacement.

For warranty service ,please contact the authorized iMoving dealer where you purchased your iMoving product. In the event you do not receive satisfactory warranty service, please write directly to imoving at the address on the back cover, provide authorized iMoving dealer's name ,address ,date of purchase, indicate nature of the defect and , if the product or defect part carries serial number, indicate the serial number. Do not return products to our factory or shipping center without our written prior consent.

THREE-YEAR LIMITED WARRANTY

Structural frame components , including: mobility scooter chassis ,steering mechanism, seat mechanism, rear wheels extensions, weld on entire products:

TWO-YEAR LIMITED WARRANTY

All electronic parts, including controllers and battery chargers. servicing to the controller or battery charger must be carried out by an authorized iMoving dealer. Any attempt to open or dismantle these items renders the guarantee void that item.

ONE-YEAR LIMITED WARRANTY

Drivetrain, including motor front wheel fork and brake.

ONE-YEAR LIMITED WARRANTY

Batteries are covered by a one year warranty from the original manufacturer. Gradual deterioration in battery performance due to not following usage instructions specified in owner's manual or worn out through heavy use is not covered.

WARRANTY EXCLUSIONS

ABS plastic

Seat upholstery

Tires and tire tubes

Repairs and/or modifications made to any part of the product or accessories without specific and prior written consent from iMoving

Circumstances beyond the control of iMoving

Damage caused by: battery malfunction, abuse, misuse, accident, or negligence, improper operation, maintenance, or storage, commercial use or use other than normal

Labor, service calls, shipping, and other charges incurred for repair of the product

If the serial number has been removed or defaced

Such evaluation will be solely determined by iMoving

iMoving shall not be liable for any consequential or incidental damages whatsoever.

There is no other express warranty.

Implied warranties, including those of merchantability and fitness for a particular purpose, are limited to one year from the date of original purchase and to the extent permitted by law. Any and all implied warranties are excluded. This is the exclusive remedy. Liabilities for consequential damages under any and all warranties are excluded.

This warranty gives you specific legal rights and you may also have other legal rights which vary from country/state to country/state.

Some countries and states do not allow limitations on how long an implied warranty lasts or do not allow the exclusion of limitation of incidental or consequential damages. Therefore, the above limitation or exclusion may not apply to you.

This warranty is extended only to the original purchaser/user of our products.

Notes

 IMOVING TECHNOLOGY CO., Ltd.

27# Xitou Road
SongGang Sub-District,
Bao'An District,ShenZhen,China

Tel:86-755-27147950
<http://www.imoving.tech>

iMoving X1 Owner's Manual
English
copyright © 2017 All rights reserved