

BRUNO POWERCHAIR



TopGun
Mobility
WHEELS FOR LIFE

USER MANUAL

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INTRODUCTION

Thank you for choosing Top Gun Mobility for your portable wheelchair transportation needs. Congratulations on your choice of Power Chair, which will provide you with years of dependable service with proper use and care.

It is important to read through this manual before operating your Top Gun Mobility Power Chair to become familiar with its features as well as its limitations and safety information. You will find the operation and care of your Top Gun Mobility Power Chair very simple and easy, however should you have any questions please don't hesitate to contact your local dealer.

Recommendation

This manual serves as the ultimate guideline for you and your assistant or caretaker who's helping you with operating this power chair. Read this manual carefully and review it often until you are certain how to handle every operation of this power chair.

Top Gun Mobility and its affiliates cannot be held responsible for personal injuries or property damage caused by improper handling of the Bruno power chair.

Your opinions are very important to us – if you have any comments on the functionality and safety of this power chair, or the contents of this manual, please feel free to make contact with your local dealer, distributor or Top Gun Mobility.

Please note details contained within this User Manual are accurate as at time of print and subject to change without prior notification. Please use due diligence when deciding if this product is right for you.



office@topgunmobility.com.au
www.topgunmobility.com.au

SPECIFICATIONS

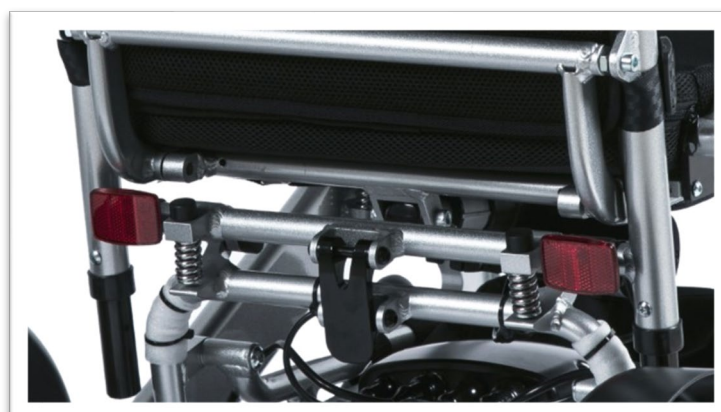
Model	BRUNO
Unfold size	95.4x62.9x94.8cm
Fold size	62.9x34.6x75.2cm
Turning Radius	78cm
Maximum Incline	9° (Depending on user weight & surrounding conditions)
Maximum Speed	10klm/hr
Maximum Weight Capacity	180kg
Ground Clearance	55cm
Seat Dimensions	43(d)x43(l)x45(h) cm
Drive Wheels	12" Pneumatic Tyres
Front Wheels	8" PU Tyres
Suspension	Spring Absorber
Drive Train	2 motor, rear-wheel drive
Braking System	Intelligent Braking (electronic, regenerative disc brakes)
Controller	40amp Brushless motor controller
Battery Charger	2 amp off board
Range per Charge	Upto 15klm
Battery Size	24V 10Ah
Battery Weight	1.6kg
Base weight	24kg



COMPONENTS - FOLDING & UNFOLDING

Your Bruno Top Gun Mobility Power Chair will arrive carefully packaged in a cardboard box. We suggest that two people are available to remove the packaging and set up the power chair for the first time.

1. The Bruno Power Chair ships upright; carefully open the top of the box then turn the box on the side for easier removal of the contents.
2. Once all packaging has been removed, you will find the following components:
 - Wheelchair main structure
 - Attendant control bracket
 - Cup Holder
 - Small Toolkit
 - Joystick Controller
 - Battery and Charger
 - Charger conversion cable
 - 2 small reflectors (to be fitted upon assembly as pictured below)



Unfolding Process

STEP ONE

Grip the backrest, and then pull to open. Firmly grasp the push bar and pull up while holding down on the seat to expand the chair and complete the assembly.

Grasp push bar



Hold down seat to expand

STEP TWO

Lock the safety clasp into place



Safety Clasp

Folding Process

STEP ONE

Open the safety clasp. The image below shows how it should appear when open



STEP TWO

While one hand is holding the seat, the other hand should grasp the backrest bar, and then push forward to fold down. NB: This action may require some strength



INSTALLING THE JOYSTICK CONTROLLER

STEP ONE

Insert the controller joystick into the armrest tube and tighten the knob to fix it in position.



STEP TWO

Connect the controller wire harness to the CPU wire harness that runs from the chair itself, taking care to line up the pins properly so that they do not get bent, broken or damaged.



NOTE:

Make sure connector pins in wire harness are lined up properly; do NOT force the wire harness connections together or you will bend or break the pins.

STEP THREE

Connect the CPU wire and battery to power up the wheelchair. You can choose any socket of the battery to connect the CPU, but please note that the unused battery socket should be covered with dust cover.



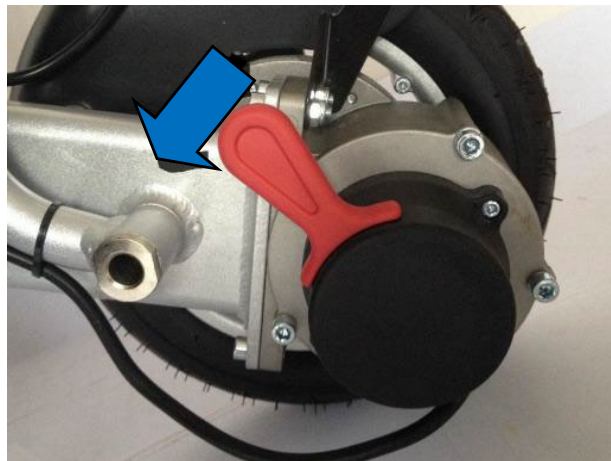
ADJUSTING THE ARMREST

For the sake of your on-off wheels, turn on the lock knob anticlockwise up to lift the armrest.

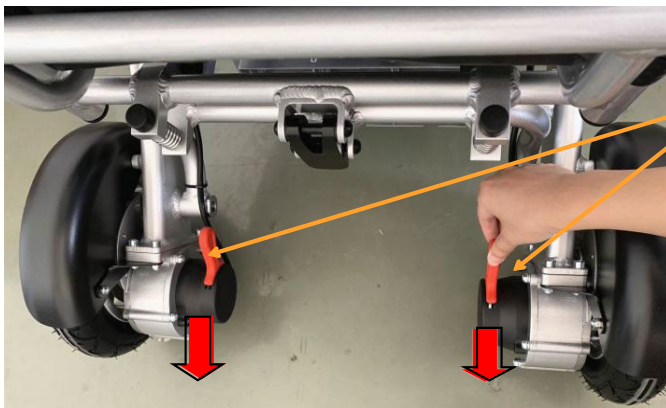


MANUAL MODEL OPERATION

Press down inside on the clutch handle to keep the electromagnetic brake at the separation position. This will allow the wheels to move freely so caregiver can push the chair.



If the user operates the chair without assistance, the electromagnetic brake must be at the engaged position. Otherwise, the user will not have control over the chair.

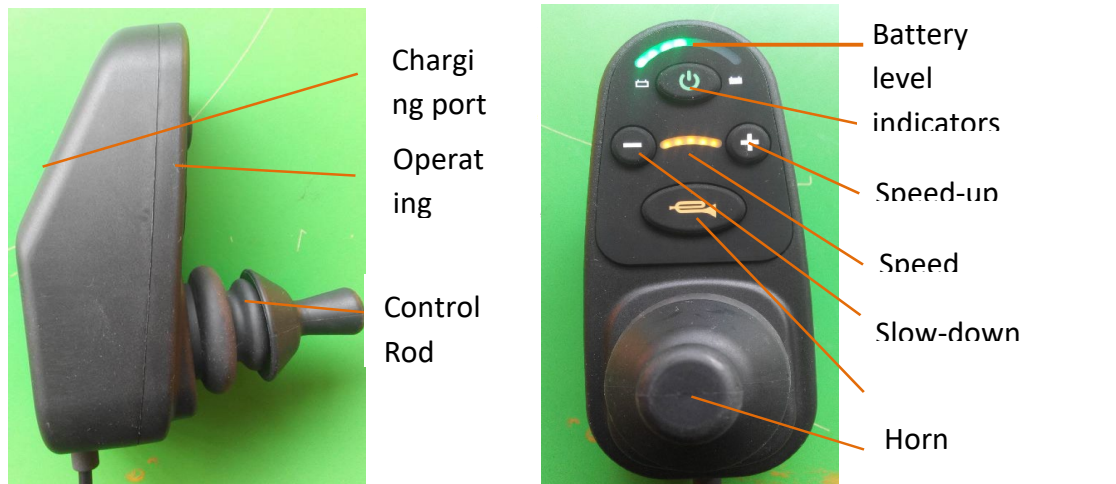


Press both clutch handles outside, the chair is on electric model.

JOYSTICK OPERATION

The joystick controls the Bruno Power Chair's speed and direction;

- Power on: press to turn on the power
- Power off: press to turn off the power
- Power display: there are three colours of the LED lights. Green. Indicates power left in the batteries.
- Speaker: Horn, that sounds when the user presses the button.
- Accelerate Max. Speed: press to adjust to higher speed.
- Decelerate Max. Speed: press to adjust to slower speed.
- Speed display: All lights on means it is set to max speed.



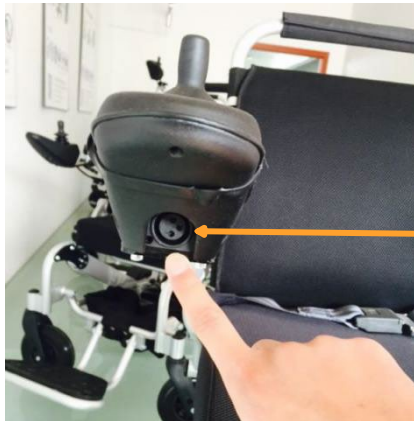
It is recommended you practice using the joystick control in a safe environment prior to heading out in public.

- Moving Forwards: To move forward, push the joystick forward lightly; To stop, release the joystick.
- Moving Backwards: The user must be aware of what is behind them before manoeuvring backwards to avoid collisions, push the joystick backwards lightly.
- Turning: To turn, push the joystick to the left or right and be aware of what is to the left or right to avoid collisions.
- Driving on bends: Lightly push the joystick in the direction of the bend. Practice speed control.
- Practice avoiding obstacles: Lightly push the joystick in either direction to avoid and manoeuvre around the obstacles, practice speed control.
- Driving Faster: Push the joystick all the way in the direction you want to go. Pull the joystick back to the middle if you do not feel you are not 100% in control.
- Driving Uphill: Keep your body tilted forward to keep the centre of gravity stable. Drive slowly. We recommend the slope be less than 9 degrees for optimal performance.
- Entering& Exiting elevator: The user should pay attention to the opening and closing intervals of the elevator door to avoid collisions while entering or exiting the elevator
- Driving on sidewalks: The user should stay on the sidewalk and avoid entering the motor vehicle lane unless to cross the street. Pay attention to obstacles and avoid contact with them.
- Crossing the street: Pay attention to avoid cars and only cross when you are allowed to. Must drive slowly over the curb, to get back on the sidewalk, which should not be more than 3cm high.

CHARGING INSTRUCTIONS

Charging Method (Controller Charging)

1. Turn the power OFF using the button on the controller.
2. Plug in the charger to the controller port (see below).
3. Plug the charger power harness into the charger and then into a grounded wall outlet.
4. Allow your chair to charge for 2 hours/battery (4 hours/ two batteries) or when the light on the charger turns green, which means your batteries are fully charged.
5. Should you require them, the lights and what they mean are located on the back of the charger.



Controller Charge Port

Front of Charger Light:

Light should come on after plugging in the charger.
Light color indicates battery life:

- RED – battery is fully drained
- ORANGE – battery is charging.
- GREEN – battery is fully charged.



Back of Charger with definitions of what the light colours mean.

Charging Method (Off-Board Charging Cable)

- 1. Turn the power OFF using the button on the controller.
- 2. Take the off-board charging cable from the bag under the seat. The plastic side is used to connect the battery, and the metal side is used to connect the charger.
- 3. Connect the battery and off-board charging cable.
- 4. Press this metal button to connect this cable with charger.
- 5. Now you can plug the charger into the power supply and charge your batteries.

Step 2



Step 3



Step 4



Step 5



SAFE OPERATION

We believe this to be the most important section of your User Manual; how to safely operate the Bruno Power Wheelchair. Please review this section thoroughly and contact your selling dealer if you have any questions.

General Safety:

- a) Adjust the Bruno Folding Power Chair to your personal comfort level as much as possible.
- b) Take your time to learn how your Bruno Folding Power Chair works in a private space before you begin operating around others.
- c) Practice bending, reaching and transferring in and out of the Bruno Folding Power Chair.
- d) Always be aware of your surroundings.
- e) If you are not sure the Bruno Folding Power Chair can surpass an obstacle, try to find another way around.
- f) The Bruno Folding Power Chair is designed for a single user only; more than one user may result in personal injury to you and others.
- g) Make sure that electronic components such as the control panel, battery charger, and other electronic controlled components avoid moisture. If these components come into contact with moisture, dry before use.
- h) The Bruno Folding Power Chair seat is designed for comfort, not specifically for pressure relief; if you suffer from pressure sores, or if you are at risk that they will occur, please consult your doctor.

Before using your Bruno Folding Power Chair:

- a) Make sure the Bruno Folding Power Chair is operating smoothly.
- b) Check for any unusual noises, vibrations, or a change in the ease of use; if you detect a problem, use the tool kit to perform maintenance or get in touch with your service professional.
- c) Failing to maintain your Bruno Folding Power Chair could increase the risk of injury; get in touch with your selling dealer so that they can help you find and correct the problem.

Getting into the Fold Power Wheelchair Bruno:

- a) Before sitting, make sure the Bruno is turned OFF, this will ensure the Bruno will not move upon touching the joystick.
- b) Make sure the footrest is down.
- c) Once on board, make sure your feet are safely on the footrest.

Driving the Fold Power Wheelchair Bruno:

- a) Be alert to the danger of motor vehicles on roads or in parking lots.
- b) At night or when it is hard to see, use reflective tape on your Bruno.
- c) The Bruno is designed for use on firm, even surface such as concrete, asphalt or indoor floor.
- d) Do not operate the Bruno in sand, loose soil or over rough terrain, which could damage wheels, bearings, axles or motors, or loose fasteners.

Safe Operation Continued

Getting out of the Fold Power Wheelchair Bruno:

- a) Make sure to bring the Bruno Folding Power Chair to a complete stop.
- b) Turn off the Bruno Folding Power Chair to avoid accidentally operating the joystick and moving the wheelchair.
- c) Raise the armrest so that you can conveniently exit the wheelchair.
- d) Carefully and safely get out of the seat.

Weight limited-Do not exceed or the warranty will be void:

- a) Never exceed a total weight of 150kg, total for the rider plus items carried.
- b) Exceeding the weight limited is likely to damage the seat, frame or fasteners and may cause severe injury to you or others.

When transporting the Fold Power Wheelchair Bruno:

- a) Never sit in the Bruno Folding Power Chair while in a moving vehicle; an accident or sudden stop may cause you to be thrown from the electric wheelchair.
- b) Never transport the Bruno Folding Power Chair in the front of seat of a vehicle where it may shift and interfere with the driver.
- c) Always secure the Bruno Folding Power Chair so that it cannot roll or shift when being transported in a vehicle.
- d) The Bruno Folding Power Chair is NOT approved to be used with any tie down system, which is generally used to transport a seated user in a powered wheelchair in a motor vehicle.

PRECAUTIONS

CAUTION: OPERATE SAFELY

Do not operate the Bruno Folding Power Chair in water of any kind.

Do not operate the Bruno Folding Power Chair up or down staircases or escalators.

Do not operate the Bruno Folding Power Chair while on a moving vehicle such as a bus.

Do not lean your body to reach out of the Bruno, causing a balance issue.

Do not exceed the weight limited total of 180kg for rider plus any items.

Do turn off the Bruno Folding Power Chair when exiting the chair for safety.

Do practice driving the Bruno Folding Power Chair in a private, enclosed area.

Be aware of local regulations regarding operating the Bruno Folding Power Chair on a public road.

Modifying your Bruno Folding Power Chair in any way may void all warranties.

Do not expose the Bruno Folding Power Chair or batteries to extreme temperatures.

MAINTENANCE

It is important to perform regular maintenance of your Bruno Folding Power Chair for longevity and warranty eligibility. Even a little cleaning now and again will go a long way to keep your device looking and functioning like new.

Certified repair shops with trained professionals who specialize in electric wheelchairs and scooters will be qualified to perform the service and maintenance on your Bruno Folding Power Chair should the technician require parts, they should contact Top Gun Mobility to check availability.

We recommend you inspect your Bruno Folding Power Chair two or three times per year, paying particular attention to the following areas:

- 1) **Frame:** Tighten loose screws as necessary using the tool kit included with your Bruno Fold Power Wheelchair
- 2) **Wheels:** Make sure they rotate easily. Significant resistance may require new bearings
- 3) **Armrest:** Look for excessive wear or if they are loose

Replacement parts and more major maintenance issues should be performed by an authorised professional.

Batteries

Use batteries that have been supplied by Top Gun Mobility only; our batteries are special lithium batteries designed specifically for use in the Bruno Fold Power Wheelchair.

Read all battery instructions before attempting to change or charge batteries.

When you haven't driven the Bruno Folding Power Chair for a long time, please charge the battery every month to avoid the battery "hungry die".

Fasteners

Many of the screws, bolts and nuts on the Bruno are special high-strength fasteners. Replacing these fasteners with non-approved parts may cause your Bruno Folding Power Chair to result in faulty operation and may cause harm to you or other people, therefore:

1. Use fasteners that have been supplied by Top Gun Mobility.
2. Using the tools included with your Bruno Fold Power Wheelchair, tighten any fasteners that become loose as soon as possible.

Change and Adjustments

Never use non Bruno Folding Power Chair parts or make changes to your Bruno Folding Power Chair unless authorized in writing by representative from our company. Doing so will void the warranty and may create a safety hazard.

ELECTROMAGNETIC INTERFERENCE

Powered vehicles such as the Bruno Folding Power Chair may be susceptible to electromagnetic interference, which is interfering electromagnetic energy emitted from sources such as radio station, TV station, amateur radio transmitters, two-way radios, and mobile phones.

The interference (from radio wave sources) can cause the Bruno Folding Power Chair to release its brakes, move by itself, or move in unintended directions.

TRANSPORT & STORAGE

- To pick up the chair, stand it up when it is folded.
- Folded chair can be stored in the car trunk.
- The battery should be fully charged and the chair should be placed in cool, dry, and ventilated place in case of the chair will long-term placement.
- Please, the battery needs to be charged once every three months; otherwise it could lead to over-discharge damage.

WARRANTY

This is to certify that your TOP GUN MOBILITY product offers a 5 Year limited Warranty from the date of original purchase. Should a defect or operating fault arise within this period the Dealer, from where the product was originally purchased, should be notified immediately. Failure to register the fault may invalidate the warranty.



The Dealer from where the product was purchased is responsible for any warranty repairs. Top Gun Mobility warrants that if a fault occurs within this period due to faulty workmanship or materials that the product will be repaired (or replaced at the Company's discretion) free of charge. Any unauthorised modifications will invalidate the warranty.

Component parts replaced outside this period carry a six-month warranty. (Standard terms and conditions apply for this period).

FIVE-YEAR LIMITED WARRANTY

- Structural frame components, including: platform, fork, seat post, and frame welds (excludes canopy or canopy framework)
- Drivetrain, including: differential, motor, and brake.

TWO-YEAR LIMITED WARRANTY

Your Top Gun Mobility Scooter is fully guaranteed for two (2) years from the date of purchase against faults arising due to defects in manufacture or materials. This warranty does not detract from, but is in addition to your legal rights.

All electronic parts, including controllers, batteries and battery chargers, have a one (1) year warranty. Servicing to the controller or battery charger must be carried out by your authorised Top Gun Mobility Provider. Any attempt to open or dismantle these items renders the guarantee void on that item.

This warranty is valid for the replacement of dysfunctional parts only. Any parts under warranty will be replaced and shipped to your door. Any service and labour fees, if applicable, to replace parts under warranty must be paid by the user. Due to its straight forward design, most parts can be easily exchanged by the end user without a professional service tech required. However, it is always recommended you seek professional help for maintenance and service, to make sure the work is down properly.

NOT COVERED UNDER WARRANTY

The guarantee does not extend to those items which may need replacement due to normal wear and tear (tyres, belts, bulbs, upholstery, plastic shrouds, motor brushes, fuses, and batteries), or damage to the product caused by misuse or accident for which Top Gun Mobility or its agent cannot be held responsible. **Transport/Call Out Costs** - As the owner you must bear the cost of transporting the unit to the dealer or should you decide to have the dealer come to you, you must bear the cost of the dealers call out fee. Your dealer may choose to waive this cost, but this will be at the dealers discretion only and separate to TopGun Mobility’s warranty terms and conditions.

1. Products damaged by user negligence
2. Products damaged accidentally
3. Products damaged intentionally
4. Products that have been subjected to negligence
5. Products that have been subjected to abuse
6. Products that have been improperly stored
7. Products that have been improperly handled
8. Products that have been improperly operated.
9. Products that have experienced general misuse.
10. Products that have been modified in an unauthorized, unapproved way.

Warranty is non-transferable and only valid for the original wheelchair purchaser

COMMERCIAL USE

Any TopGun Mobility products used in a commercial application will only be covered by a 12-month warranty from the purchase date and will be excluded from any coverage mentioned in the warranty relating to 5 (five) or 3 (three) year warranty. All other conditions in this warranty will apply.

SERVICE CHECKS AND WARRANTY SERVICE

Warranty service can be performed by an authorised Top Gun Mobility Provider. Please contact your authorised Top Gun Mobility Provider for advice on the current cost affecting the service visit.

Selling Dealer to complete at time of sale in order to Register Warranty with Top Gun Mobility
Copy completed details and forward to : office@topgunmobility.com.au

Customers Email Address: _____

Customer: _____

Model: BRUNO Power Wheelchair

Address: _____

Serial Number: _____

Colour: _____

State: _____ Postcode: _____

Date of Sale: _____

Phone: _____

Type of Purchase: Consumer / Rental / Other

SELLING DEALER STAMP:

Customer Signature

Dealership Representative Signature



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