



POWERED BY **ALLIED MEDICAL**

USER MANUAL

Freedom Powerchairs

A06 Standard | A07 Small & Light | DE08 Adventure

KEEP THIS MANUAL

Read this manual before using your Freedom Powerchair. Keep it somewhere accessible and share it with anyone who may assist you with charging, folding, transport or manual pushing.

About this manual

General instructions appear first, followed by separate sections for each Freedom Powerchair model.

IMPORTANT

Features and controls can vary slightly between production batches. Use the model label on your chair to confirm whether you have the A06, A07, or DE08.

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Before first use

- Confirm the chair is fully unfolded and the safety clasp is locked.
- Check that both freewheel levers are in the drive position.
- Make sure the joystick and battery cables are fully connected.
- Charge the battery before your first longer journey.
- Practise at the lowest speed in a flat, open area with assistance nearby.

Part 1 | General safety and everyday use

Safety at a glance

TRANSFER SAFETY

Always switch the power OFF before getting into or out of the chair. Move the footrest and armrest out of the way where appropriate, and ask for assistance when needed.

- Only use the chair if you can safely understand and operate its controls.
- Keep hands, clothing and loose items clear of folding joints, wheels and moving parts.
- Do not carry passengers or exceed the model's stated user weight limit.
- Use footpaths and pedestrian routes. Never drive in a vehicle traffic lane except where legally required to cross.
- Reduce speed before turning, approaching kerbs, ramps, doorways or crowded areas.
- Do not operate the chair on very steep slopes, deep loose gravel, soft sand, floodwater or surfaces where the wheels may lose traction.
- Never place the chair in freewheel mode on a slope unless attendants are securely controlling it.
- Do not hose the chair down or expose electrical parts to water.
- Do not modify or repair electrical or structural parts yourself. Contact Allied Medical for service.

A06 & A07 Chair

Pictured A06 (A07 chair is VERY similar)



DE08 Chair

PUSH HANDLE

For attendant assistance

BREATHABLE BACKREST

For comfort and air circulation

JOYSTICK CONTROLLER

Easy to use, can be mounted on either side

REAR WHEEL

Solid tire for durability and a smooth ride

ALUMINUM FRAME

Lightweight, strong and corrosion resistant

FLIP-UP ARMRESTS

Padded for comfort and lift up for easy side access

SEAT CUSHION

Thick and comfortable cushion for long lasting comfort

FRONT CASTOR WHEELS

360° swivel for excellent maneuverability

STORAGE BAG

Convenient storage space under the seat

FOOTREST

Foldable footplate for added comfort and easy storage

Getting to know the joystick

- Power button: switches the control system on and off.
- Joystick: controls direction and speed. The farther it is moved, the faster the chair travels within the selected speed level.
- Speed increase (+): raises the maximum speed setting.
- Speed decrease (-): lowers the maximum speed setting.
- Horn: sounds while pressed.
- Battery indicator: more illuminated lights generally indicate more remaining charge.
- Charging port: connects the approved charger.

START SLOWLY

Select the lowest speed when learning, indoors, entering lifts, approaching people or moving through narrow spaces.

FREEDOM POWERCHAIR JOYSTICK CONTROLLER

(Same controls for A06, A07 and DE08 models)

Battery level indicators

The green LED arc shows battery level. More lights mean more charge.

Decrease Speed (-)

Press to reduce the maximum speed setting.

Speed indicators

The yellow/amber light shows the current speed level.

Control handle (Joystick)

Move the joystick in the direction you want to go. The farther you move it, the faster the chair will travel (within the selected speed level).

Power switch

Press to turn the controller power ON or OFF.

Battery icons

Left: lower charge
Right: higher charge

Increase Speed (+)

Press to increase the maximum speed setting.

Horn button

Press and hold to sound the horn.

Mounting bracket

Secures the controller to the armrest.



Note: This controller is fitted to the A06 model in the photo. The controls and functions are the same on A06, A07 and DE08 models.

Driving and stopping

Moving

1. Switch the power on and allow the controller to complete its start-up check.
2. Choose a low speed setting.
3. Check that the path is clear.
4. Gently move the joystick in the direction you want to travel.
5. Return the joystick towards the centre to reduce speed. Release it fully to stop.

Turning and reversing

- Look in the direction of travel before moving.
- Reverse slowly and check behind the chair.
- Allow extra room for the rear wheels when turning near furniture, doorframes or people.
- Avoid sudden full-speed turns.

Slopes, ramps and small changes in level

- Approach slopes and ramps straight on rather than diagonally.
- Use a slow, steady speed. Do not turn sharply on a slope.
- Keep within the slope rating shown in your model section.
- Avoid kerbs or steps higher than 35 mm unless a lower model-specific limit is confirmed.
- Stop and ask for help whenever the surface, slope or clearance is uncertain.

Manual pushing and freewheel mode



Freewheel lever near the drive motor.

Each drive wheel has a red freewheel lever. These levers disengage the motors and electromagnetic brakes so an attendant can push the chair manually.

NEVER USE FREEWHEEL MODE ON A SLOPE

When the motors are disengaged, the chair can roll freely. The occupant must not operate the joystick while the chair is in freewheel mode.

To push the chair manually

6. Switch the chair off.
7. Move both red levers fully into the freewheel position.
8. Confirm the chair rolls freely and that an attendant has a secure grip.
9. Push slowly and remain in control at all times.

To return to powered driving

10. Stop on a flat surface.
11. Move both red levers fully back into the drive position.
12. Check that the chair will not roll freely.
13. Switch the chair on and test at low speed.



Manual Mode:



Power Mode:

Part 2 | Folding, transport and storage

General folding method

CHECK YOUR MODEL SECTION

The A06 and A07 use a one-piece folding method. The DE08 can also be separated into two sections.

To fold

14. Switch the chair off and remove any loose belongings.
15. Fold the footrest up.
16. Release the folding safety clasp or latch.
17. Support the backrest with one hand and hold the frame or bar beneath the seat with the other.
18. Bring the backrest and seat together until the chair is fully folded.
19. Confirm that cables are not trapped, stretched or pinched.

To unfold

20. Place the chair on a flat, stable surface.
21. Hold the backrest and open the frame until the seat is fully lowered.
22. Press down on the seat if needed so the frame opens completely.
23. Lock the folding safety clasp before anyone sits in or drives the chair.
24. Lower the footrest and complete the pre-use checks.

A06/A07 Folding Step by Step

1 FOLD FOOTREST UP

Fold the footrest up towards the seat.



2 FLIP SAFETY CLASP

Open the safety clasp (folding lock) on the back of the chair.



3 PARTIALLY FOLD CHAIR

With one hand hold the bar under the seat cushion, with the other hand hold the backrest. Pull the lower hand up to the higher hand to partially fold the chair.



4 FULLY FOLDED (ON FLOOR)

Continue folding until the chair is fully folded and rests on the floor.



5 STANDING UPRIGHT

When folded the chair will comfortably stand upright on the rear wheels.



IMPORTANT: Always open the safety clasp before folding and lock it again when unfolding the chair.

DE08 Folding Step by Step

STEP 1



STEP 2



STEP 3



STEP 4



Lifting and vehicle transport

- Remove batteries and loose accessories when this safely reduces lifting weight.
- Use the designed frame lifting points. Never lift by the joystick, armrests, footrest, cables or upholstery.
- Use two people or mechanical assistance whenever the weight, shape or your own ability makes lifting unsafe.
- Keep fingers clear of folding joints while loading or unloading.
- Secure the folded chair and batteries so they cannot move during transport.
- This folding powerchair is not described in the supplied manual as an occupied vehicle seat. Transfer to the vehicle seat and use the vehicle restraint system unless Allied Medical has provided specific crash-tested transport instructions.

A06:



DE08: Split into two parts and remove batteries (see part 7)



Air travel

Contact the airline before travel. Provide the battery certificate and confirm the airline's current requirements for lithium batteries, spare batteries, terminal protection and whether batteries must be carried in cabin baggage. Airline decisions and limits may vary.

Storage

- Store the chair indoors in a cool, dry and ventilated place.
- Keep it away from direct sunlight, heaters, open flames, severe cold and moisture.
- Do not leave batteries or electrical components in a hot vehicle.
- For long-term storage, charge the battery as directed and recharge at least once every three months to help prevent over-discharge.
- Store batteries where children cannot access them and protect the terminals from short-circuiting.

BEFORE USING AFTER STORAGE

Check tyre condition, cables, connectors, freewheel levers, folding latches and battery charge before driving.

Part 3 | Batteries and charging

Charging the powerchair



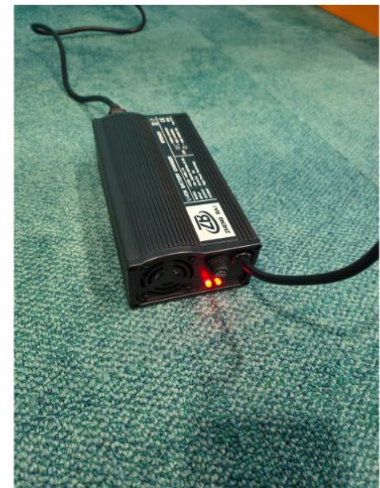
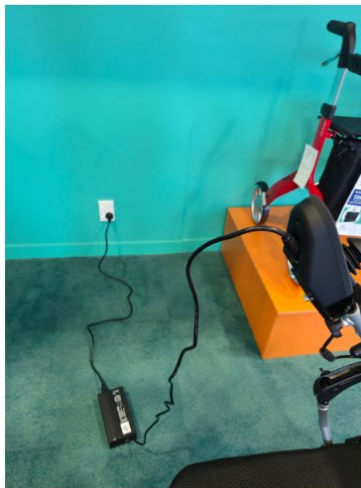
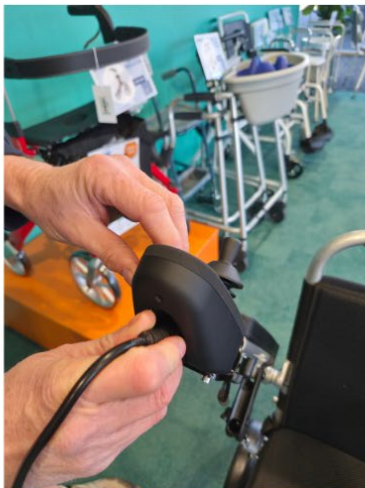
Charging port on the joystick.

25. Park on a flat, dry surface and switch the chair off.
26. Place the charger on a hard, stable surface with good ventilation. Do not cover it.
27. Check the charger and cables for damage.
28. Align the charger plug with the charging port. Insert it gently without forcing the pins.
29. Connect the charger to mains power and follow the indicator lights shown on the charger label.
30. When charging is complete, switch off and unplug the charger from mains power before disconnecting it from the chair.

STOP CHARGING IMMEDIATELY

Disconnect the charger if the battery becomes unusually hot, deformed, damaged or gives off an unusual smell. Move away from ignition sources and contact Allied Medical.

- Use only the approved charger supplied or recommended for the chair.
- Keep the charger dry and uncovered.
- The chair cannot be driven while charging.
- Do not pull the plug out by the cable.
- Do not leave a damaged battery or charger connected.



Removing and charging batteries off the chair

Many Freedom Powerchairs allow the lithium battery to be removed for charging. Some models can hold more than one battery. The exact battery location, release mechanism and cable arrangement are shown in each model section.

31. Switch the chair off and disconnect the charger.
32. Locate the battery and its release or retaining strap.
33. Disconnect the battery cable by holding the plug body, not the cable.
34. Remove the battery using its handle or supported casing.
35. Place the battery on a dry, stable surface away from heat and metal objects.
36. Connect the approved off-board charging lead if supplied, then follow the charger instructions.
37. After charging, switch off and unplug before reconnecting the battery to the chair.

LITHIUM BATTERY CARE

Protect batteries from impact, puncture, water, crushing and extreme heat. Never open the battery casing.



Part 4 | Care, checks and troubleshooting

Routine checks

Specification	Details
Before each use	Battery level; freewheel levers in drive; folding latch locked; footrest and armrests secure; route clear.
Weekly	Tyres and castors; visible fasteners; seat and back upholstery; cables and plugs; anti-tip wheels.
Monthly	Thorough clean; check unusual noises or looseness; inspect charger and battery casing.
After transport	Check folding joints, joystick mount, cables, batteries and accessories before driving.
Service	Arrange inspection if performance changes, parts become loose, the chair is damaged or fault indicators continue.

Servicing and technical support

Freedom Powerchairs should be serviced and repaired by trained personnel. Contact Allied Medical if the chair is damaged, develops unusual noise or movement, displays a recurring controller fault, or requires replacement parts or a safety inspection.

Technical support and servicing: 0800 AMLTECH (265 8324)

General enquiries: 0800 31 61 81

Email: helpis@alliedmedical.co.nz

Cleaning

- Switch the chair off and unplug the charger.
- Wipe the frame and upholstery with a soft, slightly damp cloth.
- Use mild soap only where necessary, then dry the chair.
- Do not use a hose, pressure washer, solvents or abrasive cleaners.
- Keep water away from the joystick, battery connectors, motors and charger.

Basic troubleshooting

Specification	Details
Chair will not switch on	Check the battery is charged and connected. Check all visible plugs are fully seated. Confirm the charger is disconnected.
Chair switches on but will not drive	Check both freewheel levers are in drive. Centre the joystick, switch off, wait several seconds and switch on again.
Battery indicator is very low or flashing	Stop in a safe place and charge the battery.
Chair drives unevenly	Check tyres/castors for obstruction and confirm both freewheel levers are fully engaged. Stop using if the problem continues.
Controller gives a fault alarm	Switch off, check connections and restart with the joystick centred. Record which speed lights flash and contact Allied Medical if the fault returns.
Charging does not begin	Check mains power, charger connections and the charger indicator. Do not use damaged cables or plugs.
Unusual noise, smell, heat or vibration	Stop using the chair, switch off and contact Allied Medical.

DO NOT OPEN THE CONTROLLER OR BATTERY

Controller programming and electrical repairs must be completed by trained personnel.

Part 5 | A06 Standard

Model-specific setup, folding and specifications

A06 overview

The A06 is a one-piece folding powerchair with a higher seat position, flip-up armrests, suspension and space for up to two batteries.

- Joystick can be mounted on either side.
- One-piece fold for travel and storage.
- Flip-up armrests and extended footrest.
- Under-seat storage pouch.
- Automatic electromagnetic braking and anti-tip support.

Installing the A06 joystick

38. Insert the joystick support bar into the armrest receiver on the chosen side.
39. Position the joystick so it is comfortable and does not extend excessively beyond the front of the armrest.
40. Tighten the locking screw firmly by hand.
41. Connect the controller cable, aligning the plug carefully. Do not force it.
42. Route the cable so it cannot catch in the wheel or folding frame.

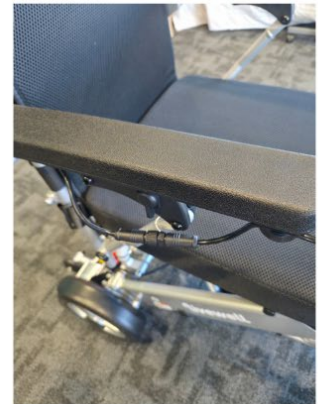
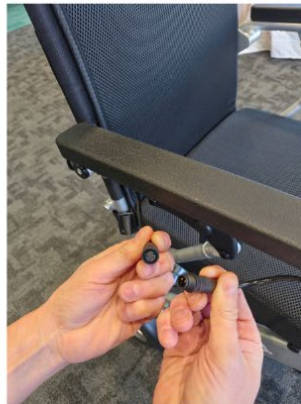
1. Identify the joystick controller and mounting parts supplied in the chair bag.



2. This controller slots into the hole of the armrest. Twist the screw underneath the armrest to tighten.



3. Connect the joystick cable to the matching powerchair cable connector. Push the connectors firmly together to complete the joystick connection.



A06 folding and battery locations

Follow the general one-piece folding method in Part 2. Remove loose items and check that the under-seat pouch and cables are clear before folding.

A06 specifications

Specification	Details
SKU	FCA06
User weight limit	110 kg
Seat height	53 cm
Seat depth	44 cm
Seat width	43 cm
Total weight including battery	26 kg
Unfolded size	96 L x 59 W x 93 H cm
Folded size	59 L x 69 W x 34 H cm
Slope grade ability	10 degrees
Driving distance	10 km per battery; up to 20 km with two batteries
Battery	24 V 10 Ah lithium; up to two batteries
Motor	2 x 200 W brushless rear motors
Maximum speed	6.5 km/h
Charging time	Approximately 2 or 5 hours, depending on charger
Wheels	10 inch solid rear; 8 inch PU front

Part 6 | A07 Small & Light

Model-specific setup, folding and specifications

A07 overview

The A07 is the most compact aluminium model in the range. It uses a one-piece folding frame and can hold up to two batteries for extended range.

- Compact folded size for vehicle transport.
- Joystick can be mounted on either armrest.
- Flip-up armrests and extended footrest.
- Suspension and anti-tip support.
- Under-seat storage pouch.

A07 joystick and armrest adjustment

The A07 joystick support attaches to the armrest using the screw-and-lever clamp. Adjust the clamp until the joystick is secure. The armrest lock can be released to raise the armrest for transfers; return it to the down and locked position before driving.

The same screw-and-lever clamp system is used to attach the drink holder. Position the holder where it will not interfere with the joystick, armrest movement or transfers, then tighten the clamp until it is secure.

How to attach the joystick controller (DE08 & A07 are the same)

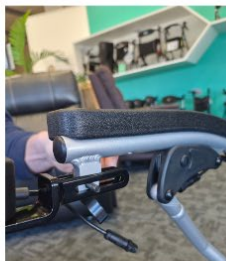
1. Identify the joystick controller and mounting parts supplied in the chair bag.



2. Position the joystick support underneath the armrest and slide support into mounting bracket.



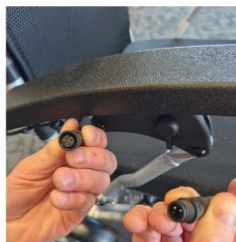
3. Insert the screw through the bracket



4. Tighten the clamping knob on the opposite side to secure the joystick mount.



5. Connect the joystick cable to the matching powerchair cable connector. Push the connectors firmly together to complete the joystick connection.



A07 folding

Release the rear safety clasp, fold the footrest and bring the seat and backrest together. When unfolding, open the frame fully and lock the safety clasp before use. See part 2.

A07 specifications

Specification	Details
SKU	FCA07
User weight limit	110 kg
Seat height	48 cm
Seat depth	41 cm
Seat width	43 cm
Total weight including battery	23 kg
Unfolded size	95 L x 56 W x 91 H cm
Folded size	56 L x 65 W x 30 H cm
Slope grade ability	10 degrees
Driving distance	12 km per battery; up to 24 km with two batteries
Battery	24 V 10 Ah lithium; up to two batteries
Motor	2 x 200 W brushless rear motors
Maximum speed	6.5 km/h
Charging time	Approximately 2 hours with 5 A charger or 5 hours with 2 A charger
Wheels	10 inch solid rear; 8 inch PU front

Part 7 | DE08 Adventure

Model-specific setup, separation and specifications

DE08 overview

The DE08 is the highest-capacity model in this range. It can hold up to three batteries and separates into two approximately 15 kg sections to make vehicle loading easier.

- Maximum user weight of 160 kg.
- Two 250 W brushless rear motors.
- Joystick can be mounted on the left, right or rear.
- Up to three batteries for a maximum stated range of 30 km.
- Folds and separates into two sections.
- Seat belt, suspension and under-seat storage.

DE08 joystick, armrest and accessories

The DE08 uses the same armrest and joystick mounting setup as the A07. The joystick support attaches to the armrest using the screw-and-lever clamp. Adjust the clamp until the joystick is secure. Release the armrest lock to raise the armrest for transfers, then return the armrest to the down and locked position before driving.

The same clamp system is used for the drink holder. Position the holder so it does not interfere with the joystick, armrest movement or transfers, and make sure the clamp is firmly secured before use.

Current DE08 supply includes a drink holder and an under-seat storage bag. The powerchair charger may be stored inside the under-seat bag when the chair is delivered. Remove the charger and all loose items before folding, separating or transporting the chair.

How to attach the joystick controller (DE08 & A07 are the same)

1. Identify the joystick controller and mounting parts supplied in the chair bag.



2. Position the joystick support underneath the armrest and slide support into mounting bracket.



3. Insert the screw through the bracket



4. Tighten the clamping knob on the opposite side to secure the joystick mount.



5. Connect the joystick cable to the matching powerchair cable connector. Push the connectors firmly together to complete the joystick connection.



Separating the DE08 for transport

COMPLETE THIS ON A FLAT SURFACE

Switch the chair off, remove the occupant and remove loose accessories before separating the chair. Keep fingers clear of the connection points.

43. Fold the footrest and fold the chair following the DE08 folding method.
44. Remove the battery or batteries and disconnect any cable that crosses between the front and rear sections.
45. Locate the DE08 separation release at the frame connection. Support both sections before operating the release.
46. Operate the release and gently separate the front frame/seat section from the rear drive section. Do not pull on cables.
47. Place each approximately 15 kg section securely in the vehicle. Use two-person lifting if required.

Before following these steps, make sure your chair is already folded. See Part 2.

STEP 1

Press the separation release. Make sure to hold both sections



STEP 2

Lift upper section up



STEP 3

Separate both sections



STEP 4

Both sections stand on their own



Remove the battery before you put in a vehicle.



Reassembling the DE08

48. Place both sections on a flat surface and align the frame connection points.
49. Join the sections until the locking mechanism fully engages.
50. Reconnect any inter-section cable, aligning the plugs without forcing them.
51. Reinstall the battery or batteries and secure them.
52. Unfold the chair and lock the folding safety clasp.
53. Check the join is secure, both freewheel levers are in drive and cables are clear. Test at the lowest speed before use.

DE08 specifications

Specification	Details
SKU	FCDE08
User weight limit	160 kg
Seat height	48 cm
Seat depth	45 cm
Seat width	45 cm
Total weight including battery	30 kg; separates into two approximately 15 kg sections
Unfolded size	102.5 L x 59.6 W x 96 H cm
Folded size	59.6 L x 34.5 W x 69 H cm
Slope grade ability	12 degrees
Driving distance	10 km per battery; up to 30 km with three batteries
Battery	24 V 10 Ah lithium; up to three batteries
Motor	2 x 250 W brushless rear motors
Maximum speed	6.5 km/h
Turning radius	89.3 cm
Charging time	Approximately 2 or 5 hours, depending on charger
Wheels	10 inch solid rear; 8 inch PU front

Part 8 | Warranty and support

Warranty

The current Allied Medical product information states the following warranty periods for the Freedom Powerchair range:

Specification	Details
Frame	4 years
Motors	2 years
CPU, battery and controller	18 months

Warranty does not cover intentional damage, misuse, unauthorised modification, normal wear or damage caused by failing to follow operating and charging instructions. Terms may be subject to Allied Medical's current warranty policy and New Zealand consumer law.

Servicing, repairs and spare parts

For servicing, repairs, technical assistance or spare parts, contact the Allied Medical Technical Support team on 0800 AMLTECH (265 8324). For general enquiries, product information or help arranging support, call 0800 31 61 81.

When to contact Allied Medical

- The chair has been involved in an impact or is structurally damaged.
- The controller shows a recurring fault.
- The chair pulls strongly to one side or braking performance changes.
- A battery or charger is damaged, hot, swollen or giving off an unusual smell.
- A folding latch, frame connection, armrest, footrest or wheel is loose.
- You need replacement parts, service, battery certificates or travel advice.

ALLIED MEDICAL SUPPORT

Phone 0800 31 61 81 | Technical support 0800 AMLTECH (265 8324) | helpis@alliedmedical.co.nz | alliedmedical.co.nz

Your chair details

Record these details and keep them with the manual for future service and support.

BEFORE CALLING FOR SUPPORT

Have the model, serial number and a description of any controller lights or alarm pattern ready.

Model	
Serial number	
Date supplied	
Supplier / clinician	
Service notes	