

EVAC+CHAIR®
Emergency Evacuation For Everyone

USER GUIDE

900H POWER



**DESIGNED & MANUFACTURED
IN THE UK**

IMPORTANT INFORMATION

1. Your Evac+Chair 900H Power should only be used by trained operators.
2. Operator training on your Evac+Chair 900H Power should be conducted in line with Evac+Chair guidelines, as stated in this user guide.
3. Our Operator and Key Trainer courses should be undertaken every 3 years to ensure competency using the Evac+Chair 900H Power.
4. Ensure training records are maintained and up to date (see training record on page 4).
5. Quarterly practice with your Evac+Chair 900H Power is recommended to ensure staff remain trained and competent.
6. Quarterly inspection of your Evac+Chair 900H Power is recommended to ensure the integrity of the chair is maintained. See page 29 for information.
7. We recommend two-person operation for heavier payload passengers.
8. We offer service and maintenance contracts for your Evac+Chair 900H Power. See page 27 for more information. Only approved service and maintenance providers are endorsed by Evac+Chair International to carry out visual and physical checks and replace worn or broken parts, with genuine replacements. Should a third party, not approved by Evac+Chair International, carry out any services or maintenance this will invalidate your warranty.
9. Only genuine Evac+Chair parts should be used when maintaining your Evac+Chair 900H Power.
10. To ensure optimal performance of your Evac+Chair 900H Power, Powered Belt Tracks should be rotated every 3 months.

WARRANTIES & LIABILITIES

The Evac+Chair 900H Power is guaranteed for five years against defective material and workmanship. This does not include parts subjects to wear, such as powered tracks, batteries, chargers or damage caused by abuse or sabotage, and/or other damage which has occurred due to a breaching of the guidelines contented in the User Guide or Training Manual. This includes getting your Evac+Chair serviced by a third-party company.

The battery included with the Evac+Chair 900H Power is guaranteed for 1 year against defective material and workmanship. This does not include damage caused by abuse or sabotage.

Neither the manufacturer nor their agents shall make recompenses for repairs carried out by outside contractors or be liable for any damage, either incidental or consequential to property or persons. If you, the customer, are dissatisfied with the product or service provided by Evac+Chair, please contact our customer service team on +44 (0)121 706 6744 or enquiries@evacchair.co.uk.

Provision must be made to provide an alternative means of evacuation for the passenger in the unlikely event of power loss during an evacuation. Evac+Chair recommend an additional fully charged battery should be kept near to the 900H Power at all times, contact +44 (0)121 706 6744 or enquiries@evacchair.co.uk for more information.

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Multilingual User Guide Online
www.evacchair.co.uk/user-guides



TRAINING RECORD

| Trainee Name | KT / OT* | Training Date | Expiry Date | Trained by |
|--------------|----------|---------------|-------------|------------|
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* KT = Key Trainer * OT = Operator Trainer

MAINTENANCE RECORD

| Date | Service or Inspection | Belts Changed | By | Company |
|------|-----------------------|---------------|----|---------|
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NOTE: Powered Belt Tracks should be rotated every three months.

900H POWER



Intended Use: The 900H Power is specifically designed for transporting one passenger at a time during emergency and non-emergency situations. Please read this user guide in full. Should you have any questions, please contact your Evac+Chair Account Manager or authorised Evac+Chair distributor for more information.

SAFE WORKING LOAD



MAINTENANCE
(STRONGLY ADVISED)



ADVISORY



*Two-person operation is advised for heavier passengers

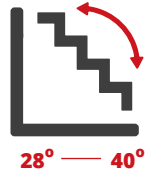
FOR ASCENT AND DESCENT



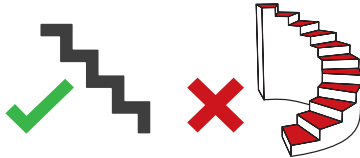
TRAINING
(STRONGLY ADVISED)



STAIR ANGLE



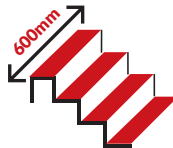
NOT SUITABLE FOR SPIRAL STAIRCASES



MANUFACTURERS
WARRANTY



MINIMUM ALLOWABLE STAIR WIDTH



For spiral staircases and narrow staircases, other Evac+Chairs are available.

WHAT IS INCLUDED?

CHAIR



BATTERY



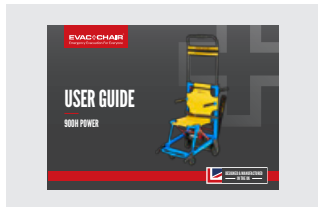
BATTERY CHARGER



BATTERY ANTI-THEFT KEY



USER GUIDE



SAFETY HARNESS



DUST COVER



WALL BRACKET & FITTING KIT

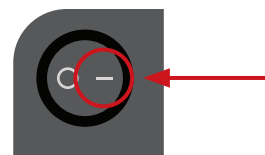
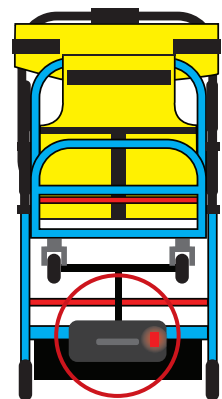


PHOTOLUMINESCENT SIGN

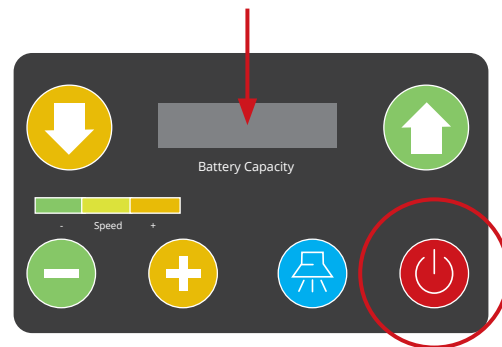


CONTROL PAD FEATURES

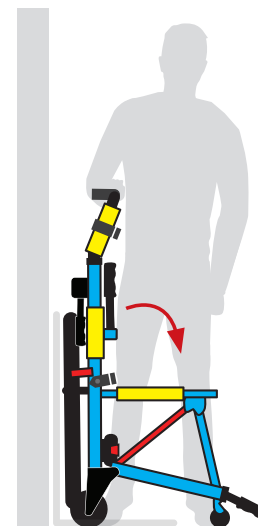




With the chair in the stored position, check that the battery is correctly fitted into the battery station, located underneath the seat. Ensure the power button is switched 'ON'.
The battery will flash when on.



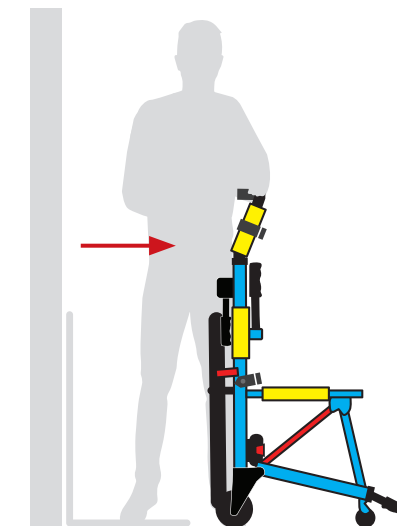
Check that the battery has a minimum of 40% charge before using. Battery capacity should be checked when chair is stationary.
NB. Charge the battery for 5 hours before using for the first time. More information about the battery can be found on page 22.



Locked



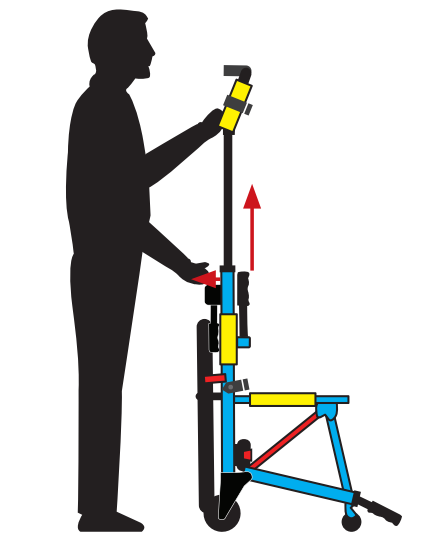
With the brakes on, open the chair by pulling the seat frame down until the chair is on all four wheels.



Unlocked

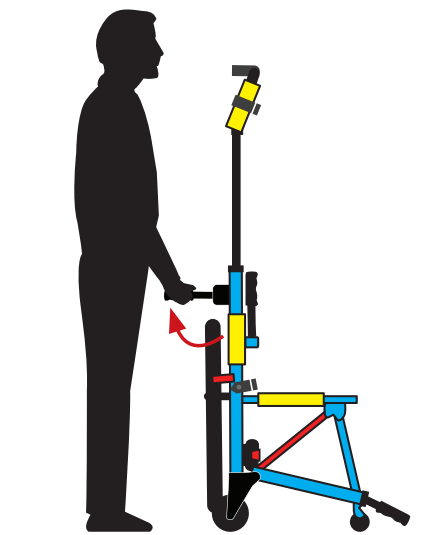


Release brakes and remove the chair from the wall brackets/stand.

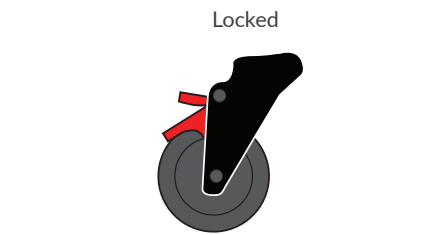


Pull and hold the red release bar whilst simultaneously pulling the telescopic handle upwards.

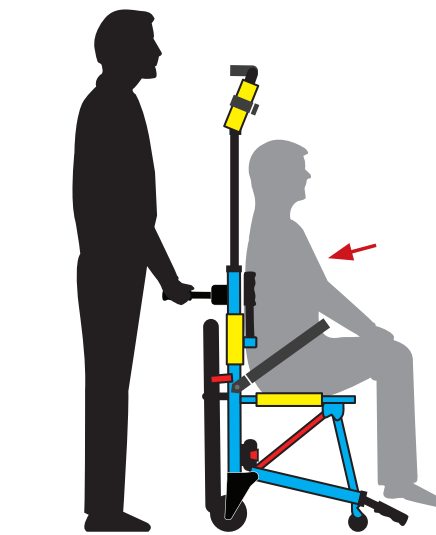
NB: Ensure the handle fully engages with the holes in the telescopic handle.



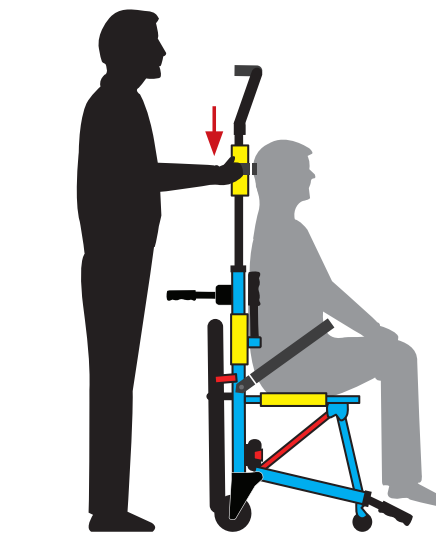
Raise the pushing handles until they lock into place; you will hear a 'click'.



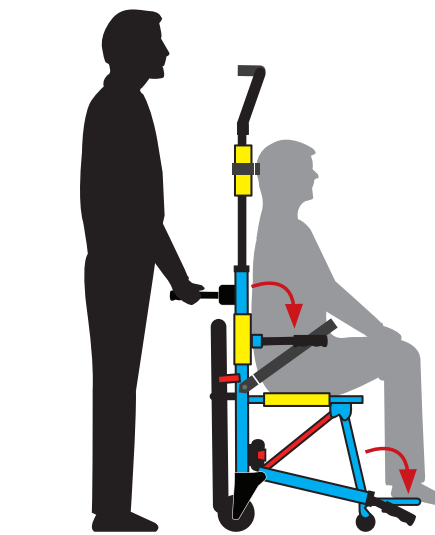
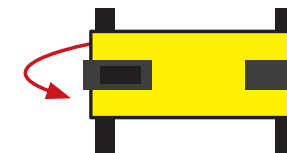
Apply the brakes on both rear wheels.



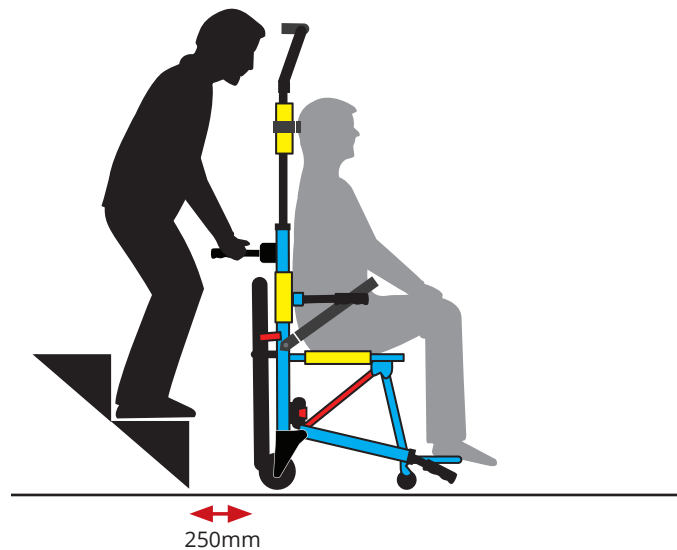
Whilst holding the chair, allow the passenger to sit and fasten their seat belt.
NB: Additional seat belt straps are supplied. These are simply affixed to the seat frame for additional support and safety for the passenger



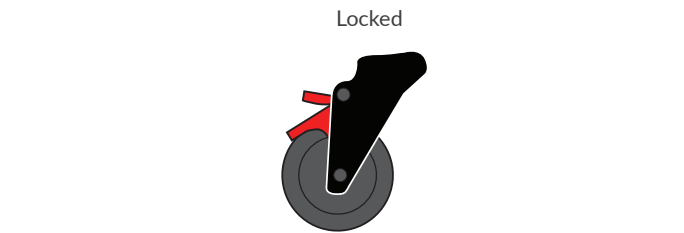
Slide the head support into position and fix in place by tightening the hook & loop either side of the handle. Ensure the head support remains fixed in position.



Deploy footrest and armrest, if needed.



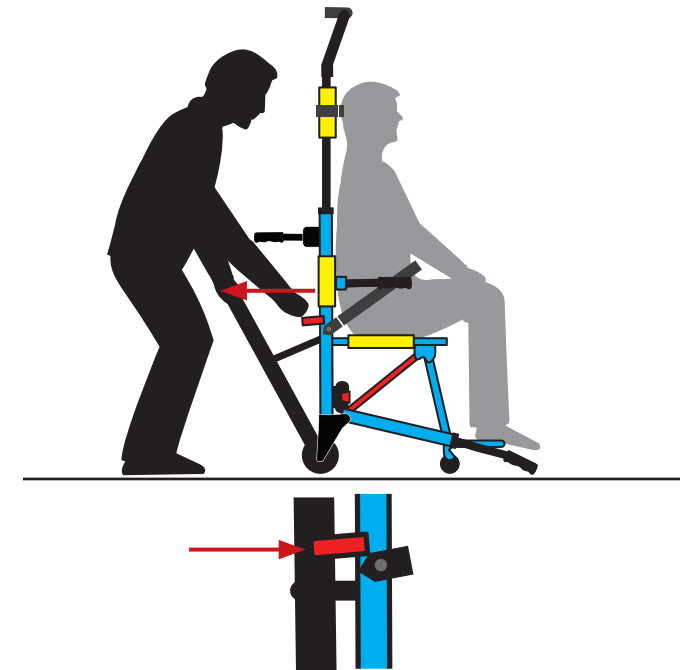
Release brakes and manoeuvre the chair to a safe landing/ refuge area. For ascent, leave a small gap between the chair and the bottom stair.



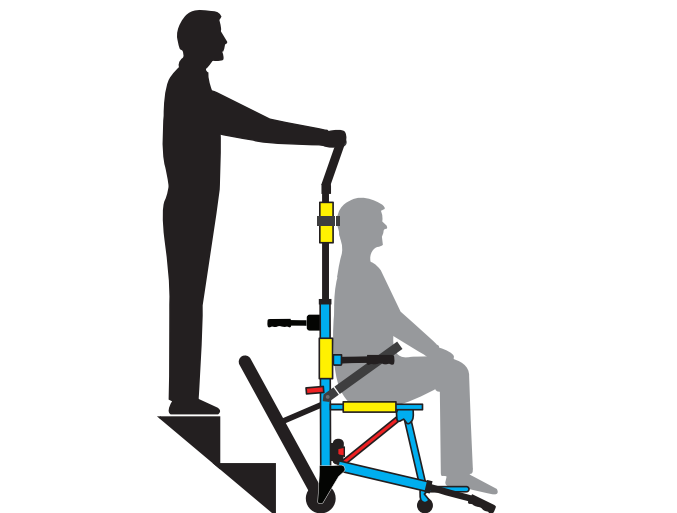
Apply the brakes on both rear wheels.



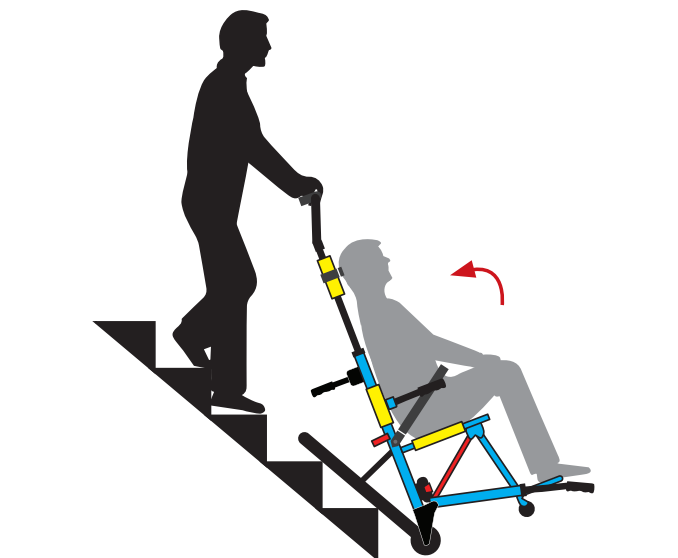
If two-person operation is required, pull the ascending control handles out to the desired position.



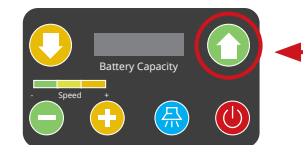
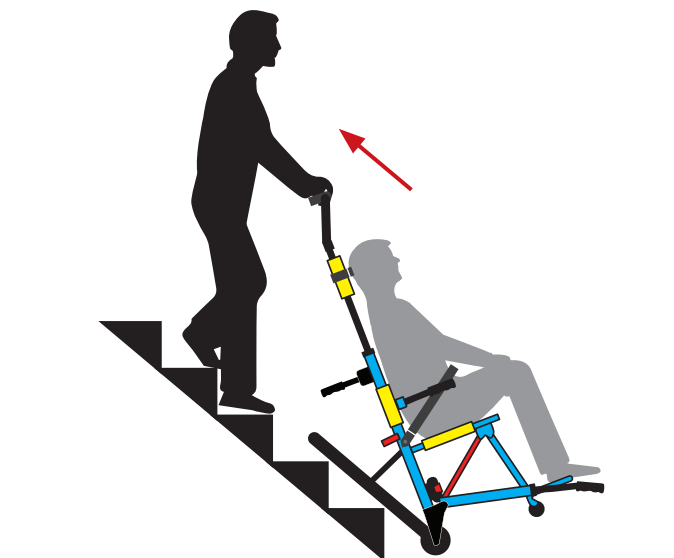
To deploy the Powered Belt Track, push the red lever outwards to the right, whilst pulling the stabilising bar on the track towards you.



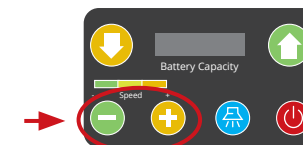
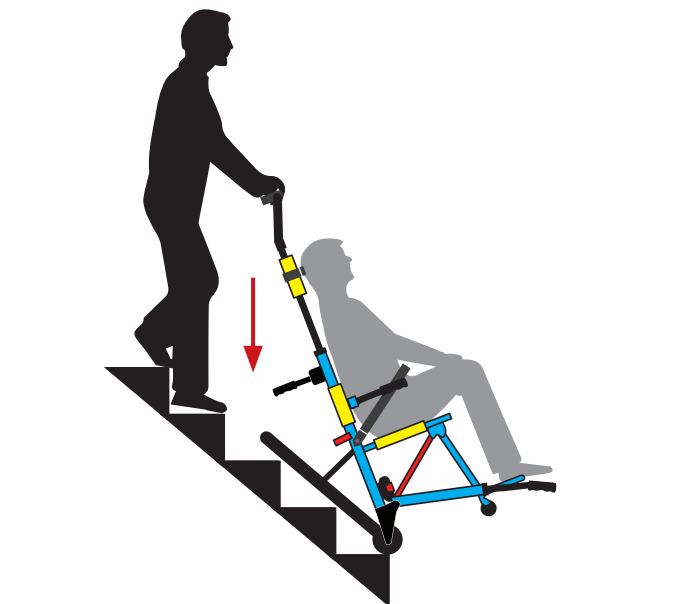
Step onto the stair and place hands either side of the control pad. The chair should be approx. waist height when stood on the second stair.



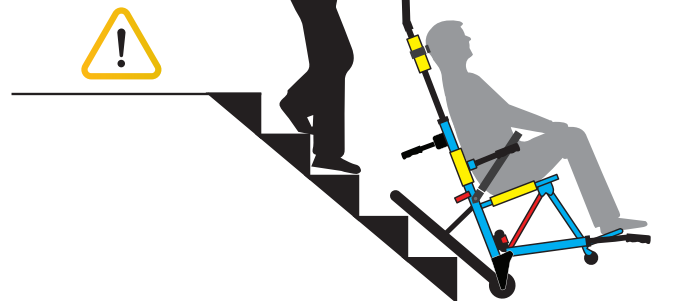
Place one foot in front of the other (on separate stairs, if necessary), tilt the chair backwards towards the stairs until the tracks make contact with the stairs. Ensure the tracks make four points of contact with two stair nosing's.



Using your thumb, press and hold the 'UP' button while hands remain on the handle.

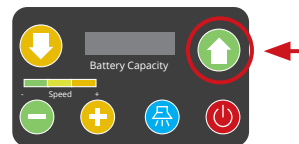
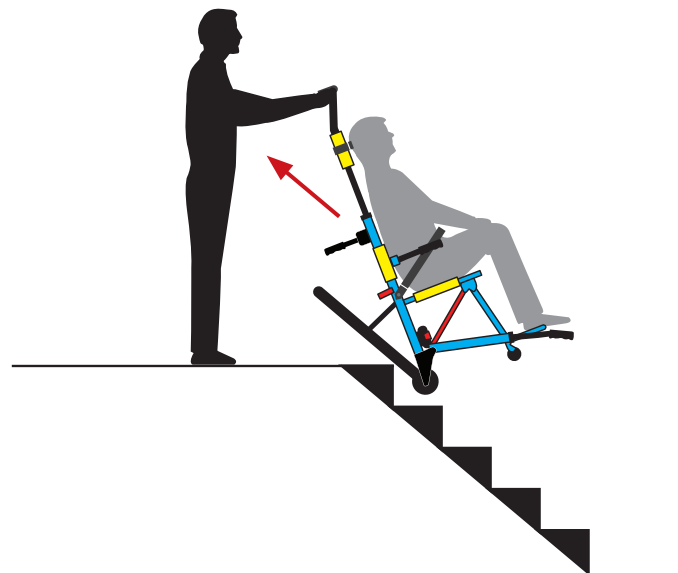


Press handle firmly downwards, into the stairs while ascending, keeping one foot in front of the other. Speeds can be adjusted at this point using the '+' and '-'.

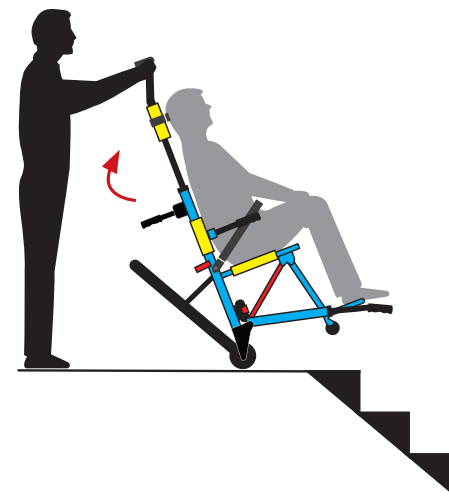


CAUTION

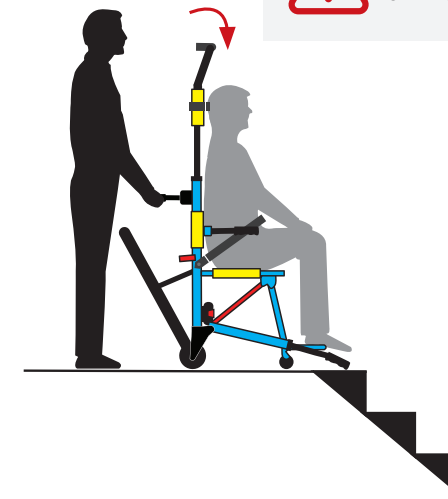
When approaching the top of the flight of stairs, ensure the landing area is free of obstacles or obstructions.



Whilst moving from the top step to the top landing, continue to hold the 'UP' button while walking backwards and smoothly move the extension handle from waist height to chest height. Maintain steady control of the chair while stepping backwards. Speeds can be adjusted at this point using the '+' and '-' buttons.

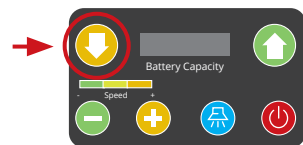
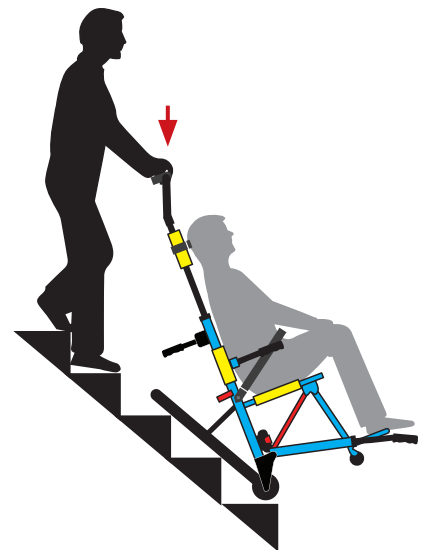
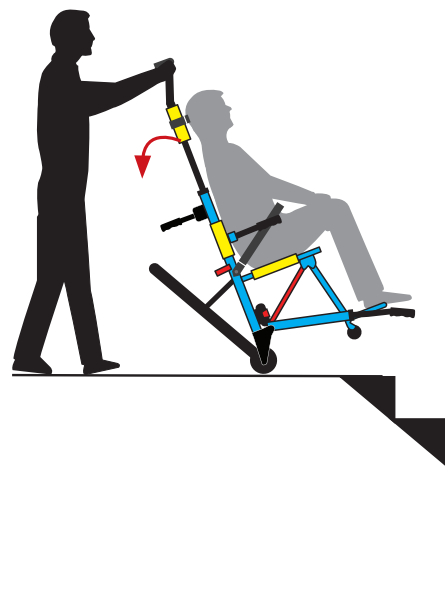


Once the front wheels have enough clearance from the top step, release the 'UP' button to allow a safe four-wheel landing.



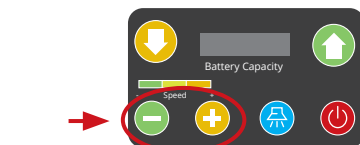
WARNING
Turn Battery Off After Use.

Tilt the chair forward until all four wheels are on the floor. Change hand placement from the extension handle to pushing handles to manoeuvre.



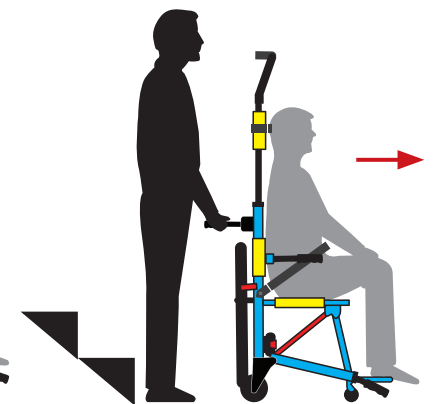
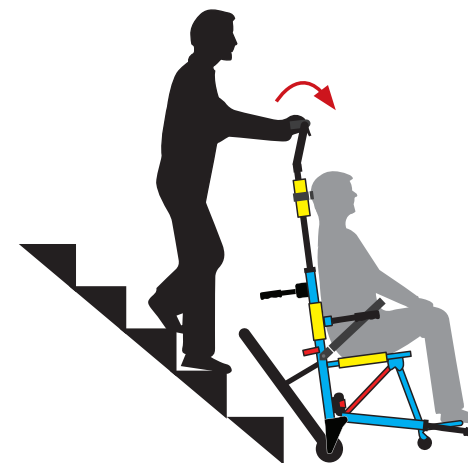
When the chair is positioned at the top of the stairs, with one foot in front of the other, tilt the chair backwards. Hold the 'DOWN' button, the chair will begin to move forwards. Move with the chair and descend over the top stair.

The chair will begin to descend down the stairs, the extension handle will move from chest to waist height.



Descend at a normal walking pace, keeping one foot in front of the other, firmly pressing the handle downwards into the stairs. Speeds can be adjusted at this point using the '+' and '-'.

NB: Keeping the pressure applied to the handle, will ensure a smooth evacuation for the passenger.



WARNING
Turn Battery Off After Use.

Once the rear wheels make contact with the ground, allow the chair to move forwards until there is a gap between the chair and the first step, release the 'DOWN' button.

Tilt or push the chair forward until all four wheels are on the floor.

Transition hand placement from extension handle to pushing handles and manoeuvre the chair safely away from landing area, to the designated evacuation zone.

BATTERY INSTALLATION

BEFORE FIRST USE CHARGE THE BATTERY FOR A MINIMUM OF 5 HOURS USING THE SUPPLIED BATTERY CHARGER.

- 1 Remove battery from packaging.
- 2 Place battery into the battery holder on the chair, with the contacts facing downwards.
- 3 Turn the battery on using battery power button located at the rear of the battery.
- 4 Turn the control pad on and check the battery charge status. We recommend that there is a minimum of 40% battery charge for any usage.
- 5 If the battery needs charging use, the supplied battery charger.

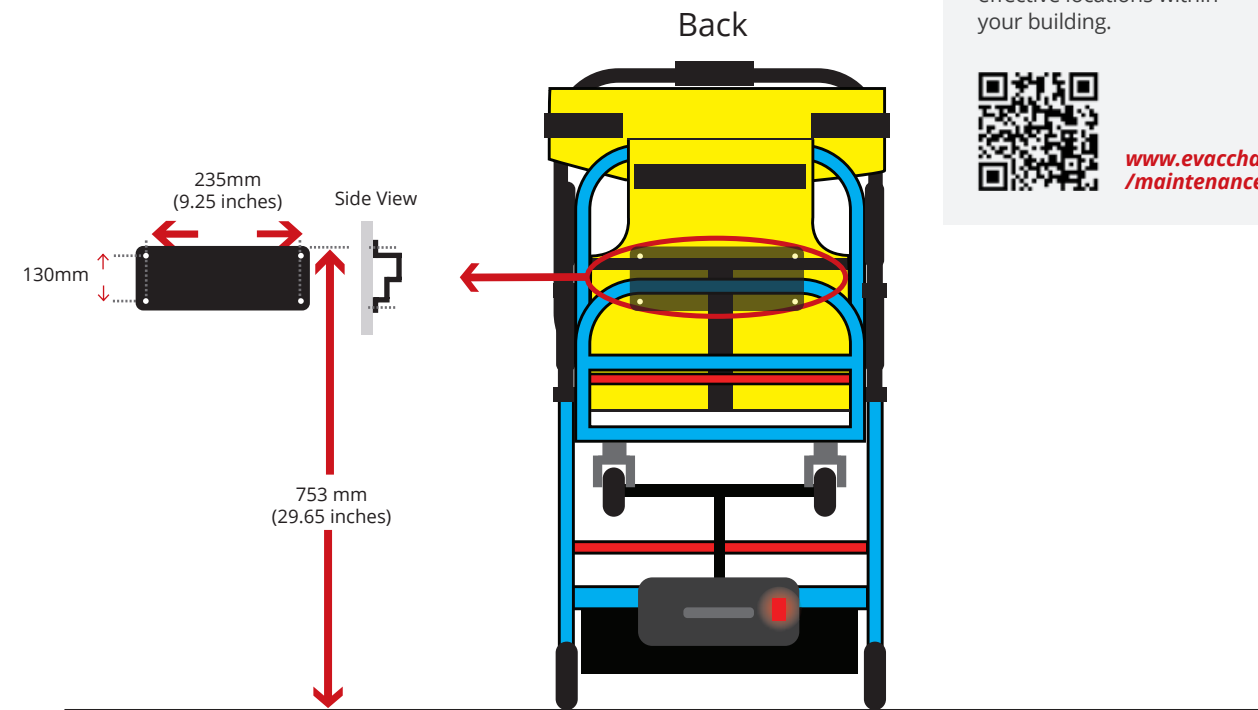
WARNING
Turn Battery Off After Use.



CHARGE TIME: 5 HOURS
FLIGHTS OF STAIRS: 150

BATTERY WARRANTY: 1 YEAR
BATTERY LIFE HOURS: 90MINS

WALL HOOKS - FOR WALL MOUNTING



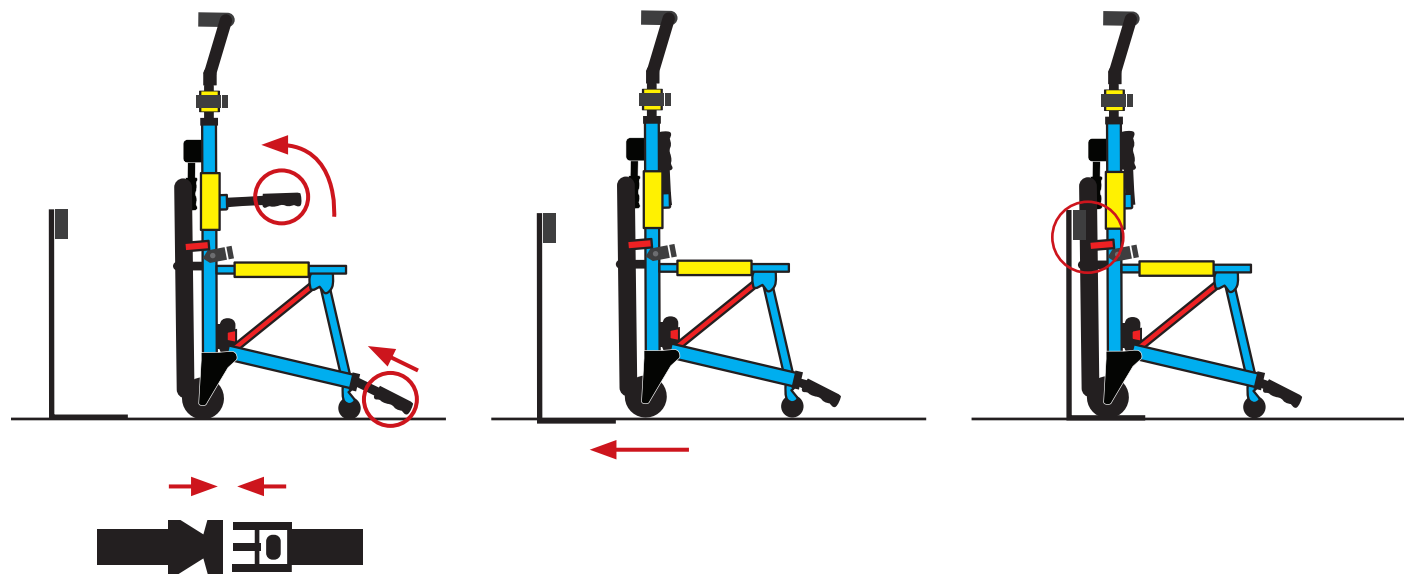
INSTALLATION

Evac+Chair, or an authorised distributor, can install your evacuation chair as well as provide expert advice and guidance on the most effective locations within your building.



www.evacchair.co.uk/maintenance

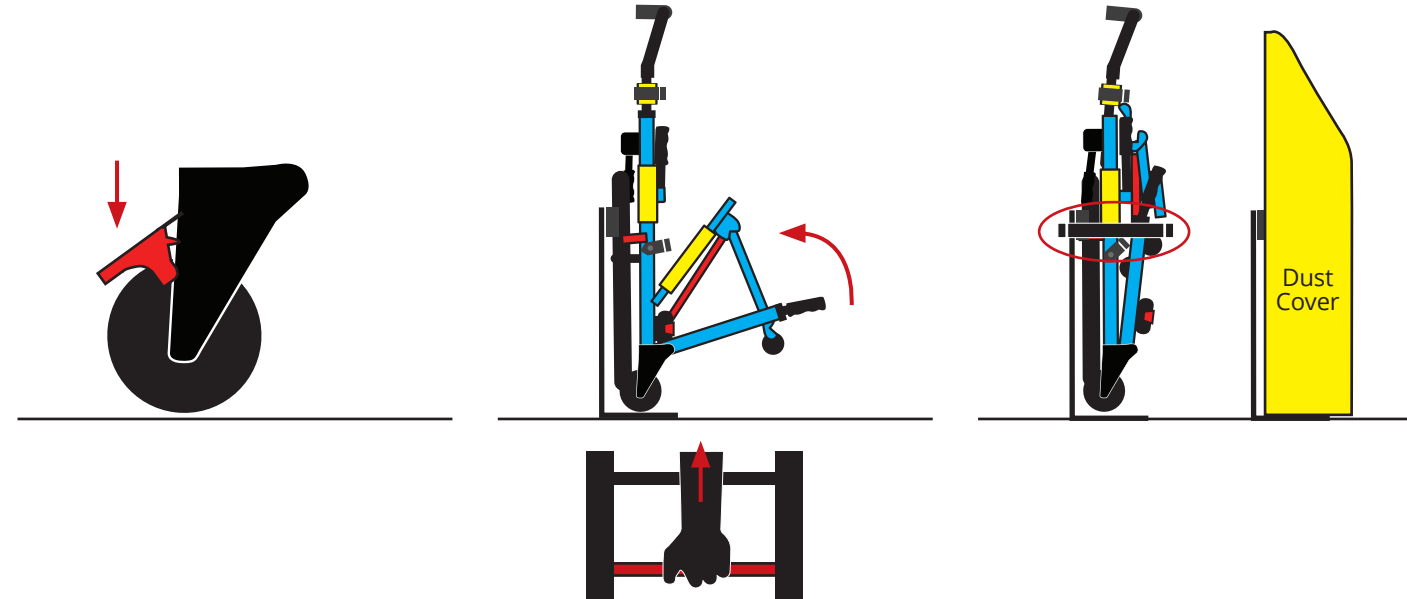




Store extension handle and armrests. Ensure seat belt is fastened and placed on chair seat.

With chair tracks in the stored position, line up welded stabilising bar and wall bracket clips/stand.

Push chair into the wall bracket/stand - ensure both wall bracket clips have fully engaged with the stabilising bar.



Apply both rear wheel brakes.

To store the chair, pull the red lever underneath the seat, downwards and towards yourself whilst pushing the seat frame upwards.

Once the chair is securely fitted onto the wall hooks/stand, loop the straps provided around the front of the chair and clip the buckle together. Pull the strap to tighten and secure the chair.

WARNING
Turn Battery Off After Use.

TRAINING

DO YOU HAVE TRAINED OPERATORS?

REASONS TO BE TRAINED:

- 1 To adhere with legislation such as the Regulatory Reform Order 2005 (UK Only).
- 2 Renew your three year certification for chair use.
- 3 Save lives - staff who are not trained will not be able to operate the chair safely.
- 4 Be able to confidently operate the chair in your premises.
- 5 Ensure you comply with your evacuation policy.



Operator Training Course

A 2-hour course which provides practical training for 2-4 delegates, on how to correctly use and deploy an Evac+Chair.

On course completion, all delegates meeting the training standards are certified and deemed competent.

Key Trainer Masterclass Course

A 4-hour 'Train the Trainer' course which provides the knowledge for key members of your team, to train others, on how to use an Evac+Chair. It provides guidelines and materials that enable delegates to train other members of staff within their organisation.

To discuss your training requirements, please call
+44 (0) 121 706 6744

www.evacchair.co.uk/training



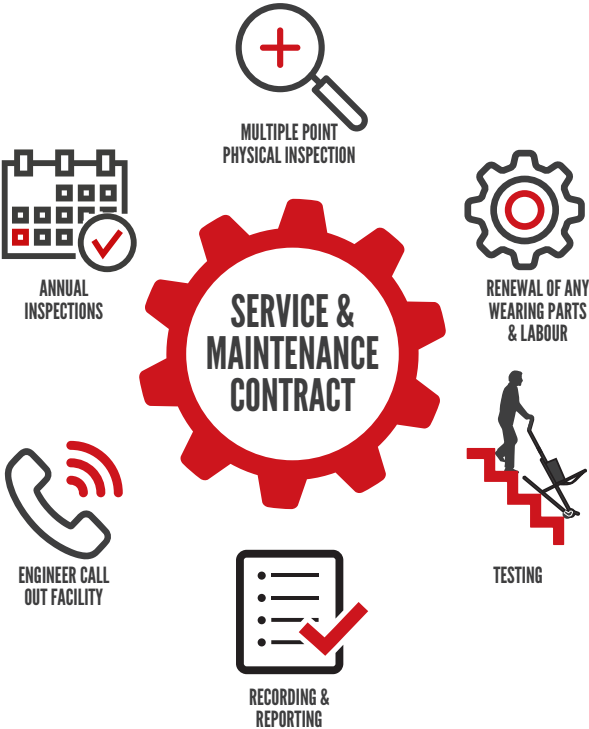
SERVICE & MAINTENANCE

HAVE YOU ARRANGED A SERVICE AND MAINTENANCE CONTRACT?



Your Evac+Chair should be regularly serviced and maintained to ensure its safe operation. This requirement is included within the PUWER Regulation. (Provision and Use of Works Equipment Regulations 1998 - UK only).

Our maintenance contracts provide you with complete peace of mind that you are covered and should you have an emergency evacuation situation, your chair will be fully operational. Our contracts include labour and genuine replacement parts, ensuring your Evac+Chair is kept fully operational and meets legal requirements.



To discuss your maintenance requirements, please call
+44 (0) 121 706 6744

www.evacchair.co.uk/maintenance



ACCESSORIES

DUST COVER



POWERED CHAIR STAND



PATIENT CARRY SEAT



RECEPTION NOTICE



ANTI-THEFT DEVICE



BATTERY



For more information on these accessories visit:

www.evacchair.co.uk/accessories



VISUAL INSPECTION

WE RECOMMEND YOU CARRY OUT A QUARTERLY INSPECTION TO ENSURE THE INTEGRITY OF THE CHAIR IS MAINTAINED.



Please contact Evac+Chair, or an authorised distributor **immediately** if any of these defects appear on your chair.

DEPLOYMENT/STORAGE



- + Ensure chair deployment is smooth
- + No interference when chair is deployed or stored
- + Ensure the Powered Belt Tracks extends and retracts correctly

CHECK WHEELS



- + No cracking of wheel or hub
- + No splitting of wheels
- + No malfunction of rear wheel brake
- + Ensure wheels are free to rotate without impediment

CHECK HAMMOCK



- + No obvious threading around seams
- + No ripping of hammock material
- + Check belt buckle operates correctly

CHECK HEADREST



- + No obvious threading around seams
- + No ripping of headrest material
- + Ensure headrest is free to move along handle

POWERED BELT TRACKS



- + No deep cracks or rips
- + No large humps or severe bulging

CHECK BATTERY



- + No broken seals
- + No cracks in casing
- + Check the screws are fastened
- + Check the anti-tamper label is intact
- + Check electrical points are free of debris

LITHIUM-ION BATTERY MAINTENANCE GUIDELINES

LITHIUM-ION RECHARGEABLE BATTERIES REQUIRE ROUTINE MAINTENANCE AND CARE TO ACHIEVE THEIR MAXIMUM BATTERY LIFE SPAN.

OVERVIEW

- + Ensure battery is charged every 3-6 months. Regularly check charge status.
- + Typical estimated life of a Lithium-Ion battery is 300-500 charge cycles.
- + One charge cycle is described as usage from fully charged to fully discharged and recharged again.
- + Expect a 2-3 year life expectancy for batteries that do not run through complete charge cycles.
- + Rechargeable Lithium-Ion batteries have limited life and will gradually lose their capacity to hold charge. This loss of charge is irreversible.

CHARGING

- + Always follow the charging instructions provided.
- + Ensure charge port is kept free of dirt and debris, using the port cover provided.
- + Battery can be charged whilst fitted to chair.
- + The battery can be placed on permanent charge.

STORAGE

- + DO NOT place the battery near heating equipment, nor expose to direct sunlight for long periods.
- + Storage preferably in a cool, dry, and ventilated area.
- + Keep the battery away from temperatures above 60°C (140°F).
- + Store the battery at temperatures between 4°C and 20°C (41°F and 68°F).
- + Warning: The battery will discharge during storage. Storing the battery at higher temperature (above 20°C/60°F) will reduce battery storage life. To preserve battery charge turn battery off after storing.

TRANSPORTATION

- + Check applicable local, national and international regulations before transporting Lithium-Ion battery.

DISPOSAL CONSIDERATIONS

- + Do not incinerate, or subject cells to temperatures of more than 60°C. Such abuse can result in loss of seal, leakage, and/or cell explosion. Dispose of in accordance with appropriate local regulations.



PRECAUTIONS

- + Keep away from heat/sparks/open flames/hot surfaces.
- + Keep battery away from children.
- + Keep free of dust and debris.
- + DO NOT open, destroy, or incinerate battery.
- + DO NOT use battery if damaged.
- + If leaking fluid avoid contact with skin or eyes.
- + In case of eye contact with fluids, DO NOT rub eyes. Immediately flush eyes thoroughly with water for 15 minutes and seek medical attention.
- + Stop use immediately if battery produces smoke and/or flames.
- + DO NOT electrically short.
- + DO NOT immerse in liquids
- + DO NOT expose over a long period to humid conditions.
- + DO NOT exceed manufacturer's recommendation for charging or use battery for an application for which it was not specifically designed.
- + DO NOT return Lithium-Ion battery to us without seeking our advice. Failure to do so resulting in an accident or incident will make you liable. We will provide guidance on how to safely return the battery however we recommend it stored safely and away from heat or water.

EXTINGUISHING MEDIA

- + Water, CO₂.



TROUBLESHOOTING

IF BATTERY ISN'T WORKING AS DESCRIBED IN THIS USER GUIDE, PLEASE FOLLOW THE INSTRUCTIONS BELOW:

| Symptom | Remedial Action |
|----------------------------|---|
| Chair non-operational | - Please check battery is installed and switched on |
| Battery not charging | - Please turn battery off and on again and retry - Check plug is installed into battery adapter correctly – remove and reattach - Check plug is connected to a working plug socket - Ensure light comes on the battery charger (red if charging, green if fully charged) |
| Battery not turning on | - Please ensure battery has been charged for at least 3 hours - Turn battery off and on again and retry |
| Control panel unresponsive | - Please ensure battery is switched on via on/off switch at back of battery (battery light should flash once) - Ensure control panel is switched on via power button on control pad - Check battery has been installed correctly |

Contact our Customer Services Team on:

+44 (0) 121 706 6744

enquiries@evacchair.co.uk

INTERNATIONAL USER GUIDE ONLINE



To view our downloadable User Guide please visit www.evacchair.co.uk/user-guides



Als u onze gebruikershandleiding online wilt bekijken, gaat u naar:



Um unser Benutzerhandbuch online anzuzeigen, besuchen Sie bitte:



Pour consulter notre guide de l'utilisateur en ligne, veuillez visiter:



Per visualizzare la nostra guida utente online, visitare:



Para ver nuestra guía de usuario en línea, visite:



Para ver o nosso guia do usuário on-line, visite:



Aby wyświetlić naszą instrukcję obsługi online, odwiedź:



オンラインでユーザーガイドを表示するには、次の URL にアクセスしてください。



온라인에서 사용자 안내서를 보려면 다음 사이트를 방문하십시오:



要在線查看我們的用戶指南，請訪問：

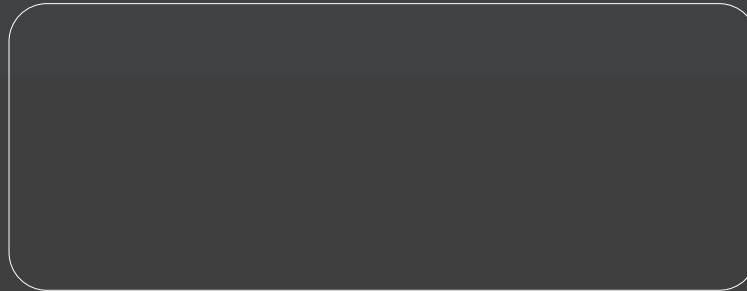



لعرض دليل المستخدم عبر الإنترنت ، يرجى زيارة :



www.evacchair.co.uk/user-guides





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