



REAL[®] 9000 PLUS



INSTRUCTIONS FOR USE AND CARE
REAL 9000 PLUS/ELECTRIC/ADULT/CHILD/
MINI/COXIT

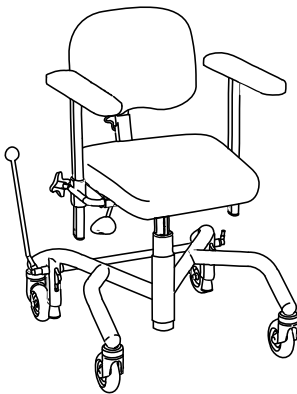
Item no. 805210
Last amended 06-09-19
Valid from 01-06-07

REAL 9000 PLUS is a Class I medical device. It is CE marked in accordance with the Swedish Medical Products Agency's code of statutes for medical devices, LVFS 2003:11, and has been tested and approved in accordance with EN 1335, IEC 60601 and EN 12182. All textiles used in the chair have been tested and approved in accordance with EN 1021-1 and EN 1021-2. Mercado Medic AB is certified in line with both ISO 9001 and 14001 and complies with applicable labour and environmental legislation.

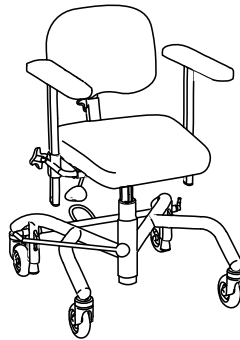
If you have any questions about your product, or if something unexpected happens, please contact your prescriber first; otherwise you are welcome to contact us at Mercado Medic AB.

PDF versions of our instructions for use and care with magnification options can be found on our website: www.mercado.se. Information is also provided on the website about accessories that can be mounted on Mercado Medic's chairs, together with any field safety notices, prescribing support or recalls of products and accessories.

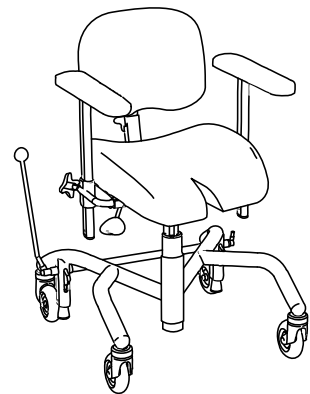
We reserve the right to make changes to this manual and its contents.



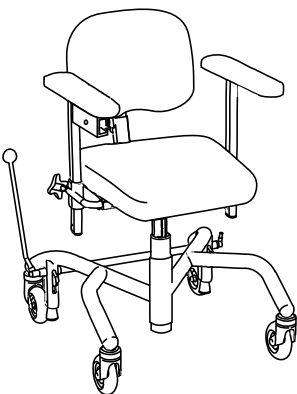
REAL PLUS



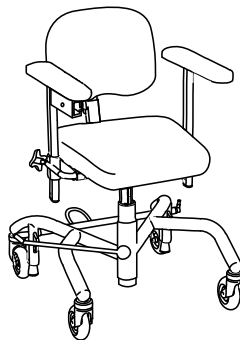
REAL PLUS CHILD/MINI



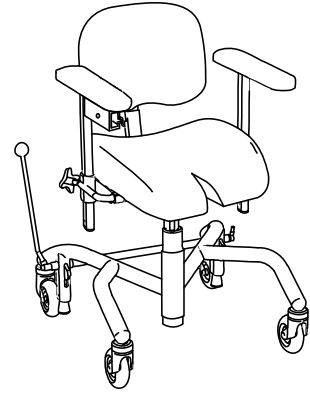
REAL PLUS COXIT



REAL PLUS ELECTRIC



REAL PLUS CHILD/
MINI ELECTRIC



REAL PLUS COXIT
ELECTRIC

Sufficient competence in the safe use of this product is achieved by carefully reading through these instructions for use and care before using the chair for the first time.

CONTENTS

IMPORTANT INFORMATION AND CLASS	PAGE 2
INSTRUCTIONS FOR DESTRUCTION	PAGE 2
FAMILIARISE YOURSELF WITH YOUR REAL 9000 PLUS	PAGE 2
INDIVIDUAL ADAPTATION	PAGE 3
USER MANUAL	PAGE 4
CLEANING, MAINTENANCE AND CHARGING	PAGE 6
RECONDITIONING	PAGE 7

IMPORTANT INFORMATION AND CLASS

The REAL chair has replaceable components, accessories and functions with adjustment options for individual adaptation. The chair must only be used by the person for whom it was prescribed and for the purpose for which it is intended. The chair is intended for indoor use and must not be exposed to water, other fluids or chemicals. Nor should it be exposed to high temperatures, prolonged and intense sunlight or other forms of radiation. The chair must not be equipped with any accessories or components other than those approved by Mercado Medic AB. To maintain the CE marking, modifications or changes must not be carried out without Mercado Medic AB's approval. Repairs and other technical measures may only be carried out by personnel authorised by Mercado Medic AB. Read these instructions carefully before using the chair for the first time.

- REAL PLUS ELECTRIC complies with protection class II, internal battery.
- REAL PLUS ELECTRIC complies with protection type B.
- REAL PLUS ELECTRIC has been EMC tested in accordance with EN 60601-1-1 and EN 60601-1-2 and must therefore be handled in accordance with our instructions for use and care.
- The EMC annex is available to download at mercado.se/dokument
- REAL PLUS ELECTRIC may be affected by interference from mobile phones or other RF communication equipment.
- Max. user weight: REAL PLUS 140 kg. REAL PLUS ELECTRIC 150 kg.
- The chair must be transported in the intended cardboard box on a pallet. It must be stored indoors at a temperature of at least +10 °C.
- Only electrical equipment from Mercado Medic AB may be used on REAL PLUS ELECTRIC.
- NOTE! The electrical functions on REAL PLUS ELECTRIC chairs may be used for max. 10 % of the time (max. 6 min/h). Exceeding this limit may result in damage to the chair.
- If REAL PLUS ELECTRIC is equipped with legrests, the user's feet must remain on the footplate when using the electrical functions.
- Warning symbols that may appear on the chair: Risk of crushing(1), Hot surface(2)



INSTRUCTIONS FOR DESTRUCTION

Combustible:

- Seat
- Back
- Armrest
- Headrest
- Other padded parts sold by Mercado Medic AB

Electronic waste:

- Motors
- Cables
- Control system

Metal:

- Base
- Electric lifting mechanism
- Gas pistons
- Gas springs
- Seat frame
- Back recliner
- U-bars and armrest mechanism
- Other metal parts in products sold by Mercado Medic AB

NOTE! The battery has to be sorted separately.

FAMILIARISE YOURSELF WITH YOUR REAL 9000 PLUS

CHECK POINTS BEFORE USE

1. Adjust the armrests to a suitable height and lock the knob for height adjustment.
2. Fit the back pole in the intended bracket and lock the knob for height adjustment of the backrest.
3. Fit the brake lever in the intended bracket (left or right side). Does not apply to electric brakes.
4. All wheels and knobs must be tightened before sitting in the chair.
5. The brake on the chair must always be applied when getting in and out of the chair.
6. Charge the chair according to the enclosed instructions before using it for the first time (applies to electric chairs).

GUIDELINES FOR INDIVIDUAL ADAPTATION OF MERCADO MEDIC AB's PRODUCTS

Adaptations may only be made by personnel who have attended Mercado Medic AB's course on servicing and reconditioning. Parts that are on the list of current combination agreements at www.mercado.se/mercado-dokument can be fitted without affecting Mercado Medic AB's CE marking. Before fitting a part that is not on the list of current combination agreements, the customer's authorised personnel must contact Mercado Medic AB for written approval.

Parts to be evaluated must be sent physically to Mercado Medic AB, either by the customer or the supplier of the part in question. Mercado Medic AB will then contact the supplier of the part in question; if a combination agreement is deemed to be of interest, Mercado Medic AB performs a risk analysis on the part. Once the risk analysis is complete, the customer receives a written opinion.

Chairs that have been modified according to the following must be verified by Mercado Medic AB for Mercado Medic AB to retain product liability.

- Padded parts such as seats, backrests, armrests, side supports, trunk supports and headrests may be adapted so long as you do not exceed the product's existing external dimensions.
- The centre of gravity over lifting devices must be maintained/centred for optimum function.
- Padded parts must be able to withstand the applicable flammability requirements and other environmental requirements.
- Surfaces that are loaded with significant vertical forces must not fall outside the area (base) formed by the points of the castor centres.

If these guidelines are met, Mercado Medic AB retains the product liability for its product.

Products that are specially modified by the health care services outside Mercado Medic AB's directive, where the health care services also take over the product liability, can be restored to their original condition. This must be carried out by an authorised technician approved by Mercado Medic AB. Mercado Medic AB then resumes product liability in accordance with the CE marking 93/42 EEC; Medical Devices Directive MDD.

If you have any questions regarding adaptations/special adaptations, contact Ronny Fogelqvist:

Tel. +46 (0)708 27 96 14

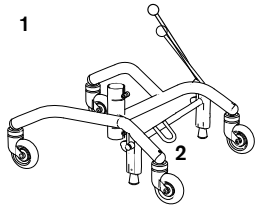
E-mail ronny.fogelqvist@mercado.se

BRAKE

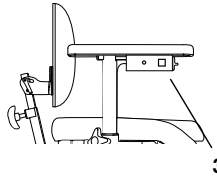
NOTE! The brake on the chair must always be applied when getting in and out of the chair. The brake must be checked on a regular basis. In case of wear, change the brake rubber. The braking function may be reduced on uneven surfaces.

THERE ARE THREE TYPES OF BRAKE:

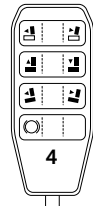
Brake lever, foot brake and electric brake.



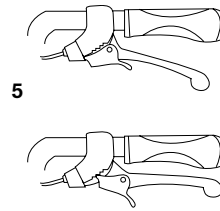
Handbrake and foot brake



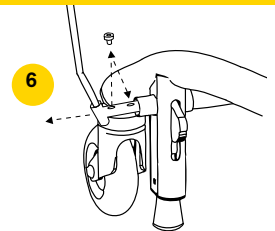
Electric brake (option)



Electric brake controls in separate box (option)



Handbrake



Brake lever bracket

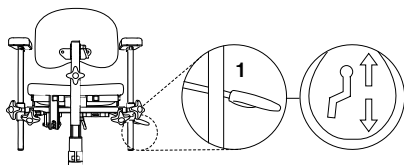
CONTROLS

1. Brake, PLUS base 48 move lever forward.
2. Brake, PLUS base 43 move lever backward, pedal down.
3. Electric brake, press button.
4. Electric brake, press button.
5. Handbrake on transport base, brake fully and press down the red lever. To release – push the handle up until the lever releases.
6. Brake lever bracket – to apply the brake even when the armrest is extended in width: loosen the screw on the brake lever bracket using a 6 mm hex key, pull out the bracket, fasten the screw in the next hole and tighten the screw hard using the hex key.

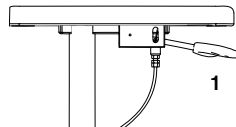
SEAT HEIGHT/LIFTING MECHANISMS

THERE ARE TWO TYPES OF LIFTING MECHANISM:

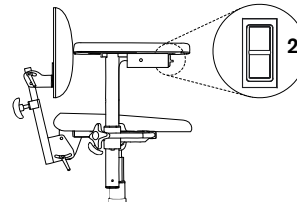
Gas spring and electric. There are standard and low seat heights. Controls for the gas spring can be placed under the seat or armrest. Electric controls are fitted under the armrest as standard. **NOTE!** Light people may need help raising and lowering seats controlled by a gas spring.



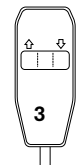
Gas spring lever under the seat



Gas spring lever under the armrest (option)



Electrically controlled



Electric controls in separate box/joystick/remote control are available as options. The image shows the separate box option.

CONTROLS

1. Seat height. Gas spring – move lever up.
2. Seat height. Electric – move switch up/down.
3. Seat height. Electric – controls in separate box. Left button = up. Right button = down.

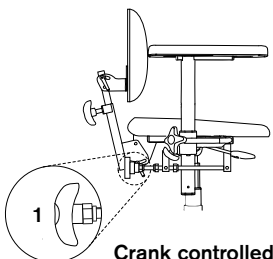
SEAT TILT (OPTION)

THERE ARE THREE TYPES OF SEAT TILT:

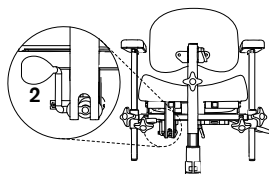
Crank, gas spring and electric. Controls for the gas spring can be placed close to the left rear edge of the seat or under the armrest. Electric controls are fitted under the armrest as standard. Standard seat tilt range is $+15^{\circ}/-8^{\circ}$.

CONTROLS

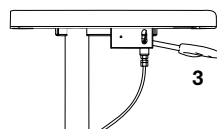
1. Seat tilt. Crank controlled – turn knob.
2. Seat tilt. Gas spring – move lever back.
2. Seat tilt. Gas spring – move lever up.
4. Seat tilt. Electric – move switch up/down.
5. Seat tilt. Electric – controls in separate box. Left button = forward Right button = backward.



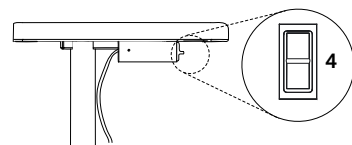
Crank controlled



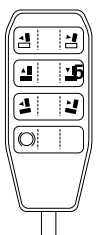
Gas spring lever under the seat



Gas spring lever under the armrest

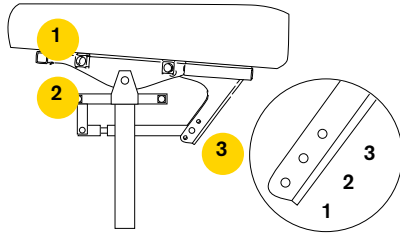


Electrically controlled



Electrically controlled in separate box

REVERSED SEAT TILT OR WHOLE SEAT TILTS BACKWARD (OPTION)



CONTROLS

1. Armrest placed here follows the seat's tilt.
2. Armrest placed here does not follow the seat's tilt.
3. There are 3 positions. **If using position 3, the chair must be fitted with a base extender.**
 1. Forward 15°, back 8° – standard seat tilt
 2. Forward 8°, back 15° – reversed seat tilt
 3. Forward 0°, back 23° – whole seat tilts backward

BACK MECHANISM

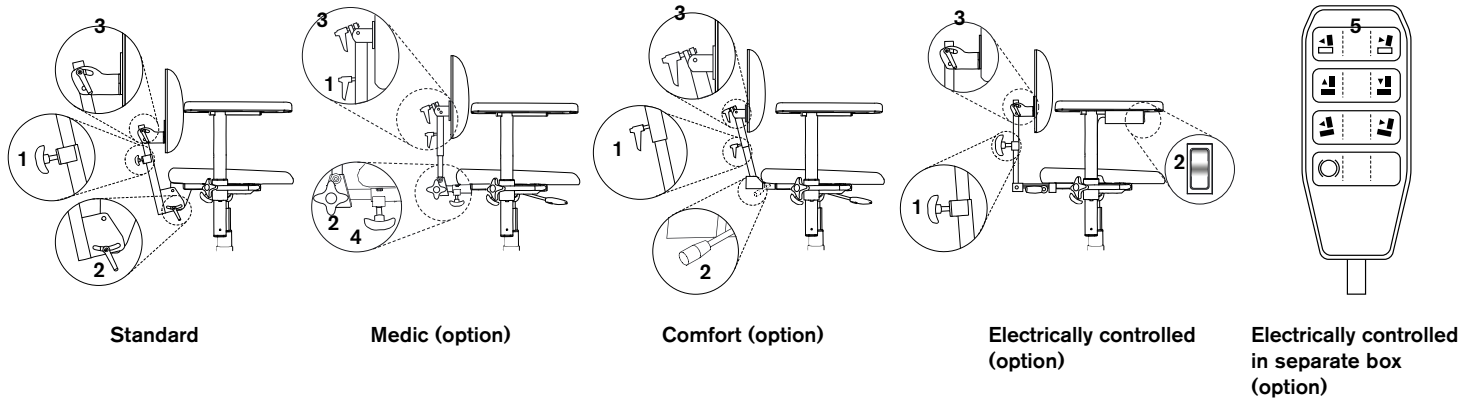
THERE ARE FOUR TYPES OF BACK MECHANISM:

Standard, Medic, Comfort and Electric. All are available in a low and high design (illustrated chairs all have a low back). All back mechanisms have separate controls for height, depth and angle. The Medic model has extended depth adjustment.

CONTROLS

1. Height.
2. Back mechanism angle.
3. Backrest angle.
4. Depth.
5. Back angle. Electric controls in separate box.
 - Left button = forward
 - Right button = backward.

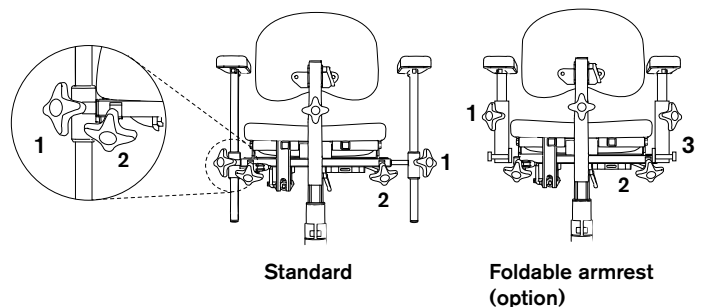
NOTE! Make sure that the Medic recliner is adjusted in the bracket so the spring button clip locks and the back recliner cannot be pulled out.



ARMREST

CONTROLS

1. Height adjustment.
2. Width adjustment.
3. Folding.

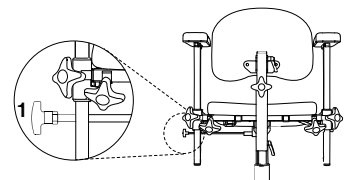


ROTATION RELEASE (OPTION)

NOTE! The rotation must be locked in position when getting in and out of the chair. Check that the catch has "clicked" in.

CONTROLS

1. Turn clockwise to disengage, and counterclockwise to lock.



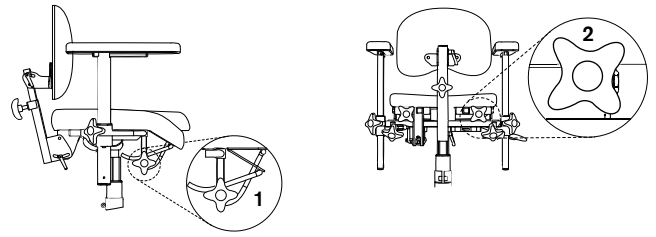
SETTING THE COXIT FLAPS

REAL PLUS COXIT/ELECTRIC

There are two ways to adjust the coxix flaps. On chairs without seat tilt, the knobs are located under the front edge of the seat. On chairs with seat tilt, the knobs are located under the rear edge of the seat.

CONTROLS

1. Loosen, set the desired angle and tighten.
2. Turn the knob to lower/raise the flap.



RECONDITIONING, CLEANING, MAINTENANCE AND CHARGING

The chair should be wiped down and kept free from dust and dirt. We approve the use of detergents with a pH ranging from 7 to a maximum of 12 (concentrated).

Plush upholstery has to be washed with a foam wash:

1. Remove loose dirt, crumbs and the like.
2. Apply a thin layer of foam, rub the foam in evenly with a damp cloth.
3. Wipe with a clean and lightly dampened cloth.
4. Vacuum clean when dry.

Artificial leather has to be washed with soapy water or alternatively wiped down with an alcohol solution, e.g. disinfectant.

Seats, backrests and other padded parts are not manufactured in sealed materials for functional reasons. Padded parts should be replaced during reconditioning for hygienic reasons.

The electric lifting mechanism should be checked regularly for dust, dirt and stability; raise the seat to its highest position. Clean with a cloth. Do not use any water or solvents. Then lubricate the cylinder with a thin layer of Teflon or silicon-based grease.

We recommend that battery charger REAL 9000 Type 2240-12V, with item no. 802289, is used to charge the chair. If you wish to use another battery charger, please contact Mercado Medic AB for written approval. The battery should be charged regularly; once a day if possible. It is important that the battery is never completely discharged, as this helps to prolong the life of the battery.

CHARGING (APPLIES TO ELECTRIC CHAIRS)

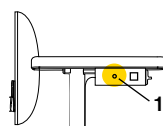
Connect the charging plug on the charger to the charging socket (1) on the box with the rocker switch for raising and lowering the chair. Then plug the charger into a wall socket. The LED on the charger will indicate that charging is under way. When the LED changes colour from orange to green, the battery is fully charged. The chair can be raised and lowered while charging is in progress. This applies to ELECTRIC chairs delivered from version 11 2013 or previously delivered updated chairs.

NOTE!

It is particularly important to charge the battery on chairs with electric brakes, electric tilt mechanisms and electric backs because these functions require a high battery capacity to be maintained. Guarantee these functions by recharging the battery once a day. When changing the battery (type designation: HP7-12 12V 7.2Ah), be sure to attach the red battery cable to the positive terminal on the battery and the negative cable to the negative terminal. If the chair's electrical functions stop working, this is likely due to a blown fuse. Check the fuses. They are located under the seat on the cable between the battery and the actuator. Replace the blown fuse with a new 25A fuse.

BEAR IN MIND THE FOLLOWING WHEN HANDLING BATTERIES:

- Never short-circuit the battery.
- Do not expose the battery to excessive shocks or naked flames.
- In case of contact with battery acid, rinse with water for about 30 minutes and seek medical advice.
- Batteries must be disposed of at appropriate recycling facilities.



Charger item no. 802289

CONTACT MERCADO

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serial number.]*



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