

**Direct Healthcare
Group**

Advancing Movement & Health®

Bure Ortho Bure Space

User Manual



Bure Ortho

Bure Space

Ortho is especially designed for orthopaedics departments and situations that demand extra legroom and room for manoeuvre for the user. Ortho has a powerful electric motor for powered height adjustment. Walker heights are thus adjustable with the patient in situ and the walker can be used as a stand-up aid. Ortho is also available in a small version – Ortho S (only available in the gas version) – with a max frame width of only 65 cm. In addition to Ortho’s advantages, Bure Space also has extra room to get up close to wheelchairs or similar. The base frame has been made wider and the internal width extended to 67 cm. Bure Space is available with electrically operated or hydraulic height adjustment.

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1. Raising/lowering the frame

Adjust the height with the aid of the remote control <UP> and <DOWN> arrows.



2. Adjusting the handles

To adjust handles to the desired position; undo knob, adjust handle, tighten knob.

3. Left and right adjustment of armrests

The armrests can be adjusted sideways for optimal support; undo knob, adjust armrest, tighten knob.

NOTE: The rear attachments on the frame/armrest are interchangeable (left with right and vice versa) to provide different widths. The locating pins on the cushion's underside/rear can also be moved. These adjustment capabilities make customisation possible.



4. Locking/unlocking castors

Depress the foot brake to set it and lock the castor.

Press down on the protruding part of the brake to release it.

5. Control box wiring

Remove the control box cover to make the connections as described below. Use a screwdriver or similar; refer to the special labels on the control box.

1. Socket for the raise/lower actuator. NOTE: Make sure that plugs are connected to the correct sockets otherwise the actuators can be damaged.
2. Remote control socket.
3. Battery terminal socket.
4. Plug socket. NOTE: The plug must ALWAYS be connected to the control box for IP protection to be valid.



6. Battery charging

- Connect plug to 230V wall socket. Charging begins automatically and the battery LED flashes green.
- Make sure the battery is fully charged before using for the first time. It takes around 25 h to fully charge the battery.
- We recommend that the battery plug be removed from the control box if the product will be out of use for an extended period (more than one week) or if the battery is switched off by means of the ON/OFF switch. This eliminates the risk of disabling the battery as the control box always uses a small quantity of electricity even when the walker is not in use.

7. LEDs on control box and battery

Control box – green light when power is available from battery/mains socket.

Battery:

- The LED flashes green during charging.
- ON/OFF: To use the product, press ON.
- The green lamp will begin to flash.
- Use the OFF button (hold down for 5 s) to switch off the battery if the product will not be used for an extended period.
- The LED will show a constant green light when the battery is fully charged.
- When the battery is in normal state/in operation, the LED flashes green at REGULAR intervals, namely 0.5 s ON, 4 s OFF.
- When the battery requires charging (remaining charge <25%) the LED will flash orange/red at REGULAR intervals, namely 0.5 s ON, 4 s OFF.



NOTE: The battery has an in-built device that automatically switches it off when remaining charge is <20%. The LED is then extinguished. The battery must now be fully charged before the electronics can be used again.

8. Maintenance

Recommended at least once per year.

Check that	Action
<p>General</p> <p>The walker feels firm/free from play. The walker does not rattle during manoeuvres. The walker is level and all of its castors are in contact with the floor. The walker is not dirty.</p>	<p>Clean with lukewarm soap solution or alcohol-based cleaning agent (no petroleum products).</p>
<p>Armrests</p> <p>Arm rests are intact and clean. Arm restwidening is functional.</p>	<p>Clean; replace if damaged. Fit lock knobs/plates as required</p>
<p>Handtag</p> <p>Grips are not damaged/dirty. Handle adjustment is functional.</p>	<p>Clean with lukewarm soap solution (no petroleum products). Replace handle grips. Fit lock knobs/plates as required.</p>
<p>Battery</p> <p>Check that the charging cable is connected to the control box. Check that the remote control is connected to the control box. Check that connections are made according to the wiring diagram. Check that the battery, actuators and control box are not loose.</p>	<p>Fit new cable; this must always be connected to the control box (IP65 classification). Connect or fit new remote control as required. Refer to the wiring diagram in the Technical manual. Tighten; replace with new fasteners as required.</p>
<p>Height adjustment</p> <p>Raising and lowering are functional. The walker feels stable at maximum settings. There is no play between the vertical frame and bottom frame. Height adjustment clamps lock. The electric actuator fitting must be free from play. Height adjustment via remote control is functional. The electric actuator must run smoothly at a constant speed.</p>	<p>Fit new guide sleeves (in frame) or end plugs (in chrome tubes) as required. Tighten all lock bolts. Replace clamps. Tighten the attachment fitting concerned; replace bolts/lock nuts as necessary. Check that the battery/remote control/ actuator are connected in accordance with the wiring diagram. Charge the battery. Contact customer services.</p>
<p>Frame parts</p> <p>There is no mechanical damage. There are no scratches. End plugs/lower frame fitted.</p>	<p>If damage is present, contact GATE's customer services. Touch up as necessary. Fit new end plugs.</p>
<p>Castors/brakes</p> <p>Castors roll easily/tread not damaged. The castors are tightly fastened to the lower frame. Castor brakes functional on all castors. Handbrake functional.</p>	<p>Clean or replace castors (NOTE: Castors are always fixed to the lower frame with thread locker or lock nuts. The castors are sealed and we do not recommend their dismantling; instead, replace the whole castor assembly). Tighten the castor bolt and fit locking nut or use thread locker (depends on model). Replace castor assembly. Adjust the brake or fit new castors.</p>

9. General maintenance advice

- Wipe the walker and its armrests clean as necessary; use soap solution or alcohol-based surface disinfectant.
- The product may be cleaned in a tunnel washer or similar as electrical systems have IP65 protection. However, the product is not corrosion proof which means washing by machine may reduce its service life.
- Replace damaged parts immediately; must be done by experienced personnel.
- The product is only intended for indoor use.

10. Technical specifications

Dimensions are for walkers with 125mm wheels.

Part No.	Product	Product width	Max user weight	Length	Height	Armrest/ internal dimension
56-317T	Bure Ortho EL	78cm	150kg	80cm	90-130cm	25-50cm
56-304	Bure Space EL	78cm	150kg	79cm	90-130cm	25-50cm

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