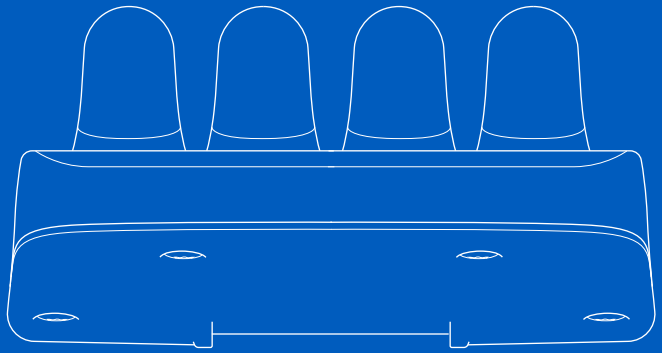

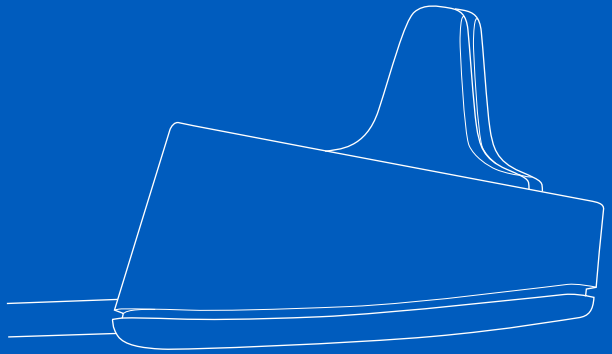

CE

ICS seat

User manual | American English

Introduction

This user manual covers the functions of your ICS seat control panel and is intended as an extension to your power wheelchair's user manual.

Please read and follow all instructions and warnings in all manuals supplied with your power wheelchair and its accessories. Incorrect use may both injure the user and damage the wheelchair. In order to reduce these risks, read all documentation supplied carefully, in particular the safety instructions and their warning texts.

It is also of the utmost importance that you devote sufficient time to getting acquainted with the various buttons, functions and steering controls and the different seat adjustment possibilities etc. of your wheelchair and its accessories before you begin using them.

All information, pictures, illustrations and specifications are based upon the product information available at the time. Pictures and illustrations are representative examples and not intended to be exact depictions of the relevant parts.

We reserve the right to make changes to the product without prior notice.

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How to contact Permobil

Permobil Inc.
300 Duke Drive
Lebanon, TN 37090
USA

+1 800 736 0925

+1 800 231 3256

support@permobil.com

www.permobil.com

Head office of the Permobil group

Permobil AB
Per Uddéns väg 20
861 36 Timrå
Sweden

+46 60 59 59 00

info@permobil.com

www.permobil.com

1 Safety 4
1.1 Types of warning signs 4
1.2 Warning signs 4

2 ICS seat control panel 5
2.1 General 5
2.1.1 Feedback 6
2.2 Functions 7
2.2.1 Seat lift 7
2.2.2 Backrest angle 8
2.2.3 Seat tilt 8
2.2.4 Anterior tilt 8
2.2.5 Leg rest angle 9
2.2.6 Power adjustable leg length 9
2.2.7 Seat-to-floor function 9
2.2.8 Standing function 10
2.2.9 Power footplates 11
2.2.10 Power transfer footplate 11
2.2.11 Shift 12
2.2.12 Memory function 12

1 Safety

1.1 Types of warning signs

The following types of warning signs are used in this manual:

WARNING!

Indicates a hazardous situation which, if not avoided, could result in serious injury or death as well as damage to the product or other property.

CAUTION!

Indicates a hazardous situation which, if not avoided, could result in damage to the product or other property.

IMPORTANT!

Indicates important information.

1.2 Warning signs

IMPORTANT! Releasing the joystick stops seat movement

Release the joystick at any time to stop seat movement.

WARNING! Always replace damaged joystick covers

Protect the wheelchair from exposure to any type of moisture, including rain, snow, mud or spray.

If any of the shrouds or the joystick boot has cracks or tears, they must be replaced immediately. Failure to do so may allow moisture to enter the electronics and cause personal injury or property damage, including fire.

WARNING! Risk of pinching while using seat functions

There is a risk of pinch-point accidents when using the power seat functions. Make absolutely sure that nothing gets stuck between moving parts. Failure to do so may lead to personal injury.

IMPORTANT! Use only the supplied battery charger

The wheelchair's warranty will be voided if any device other than the battery charger supplied with the wheelchair or the lock key is connected via the control panel charger socket.

2 ICS seat control panel

2.1 General

The seat's powered functions may be controlled from the drive system control panel. On seats equipped with the control system ICS, the powered functions may also be controlled from the ICS control panel.

The seat's powered functions are controlled from the control panel. The control system may be in the form of push buttons or toggle switches. Move the toggle switch forward to operate the front button and rearward to operate the rear button. The button box functions described here apply to conventional push buttons, but the functions are the same regardless of control system design.

Each button or switch location can have two functions. The symbol for the active function is lit. Change functions with the shift function. See page 12.

The number of available functions will vary depending on how the wheelchair and seat are equipped.

2.1.1 Feedback

The control panel provides feedback regarding the available seat functions, active seat function inhibits, active drive speed limits, and active drive inhibits through its LEDs.

The LED above the button can have three states:

1. Off
   The function icon is off. This means the function is not currently active. Change the selection of the left or right seat functions with the shift button. See page 12.

2. Steady LED
   A steady LED provides the user with information concerning drive speed.

   - A steady green LED means the wheelchair can be driven at full speed.
   - A steady yellow LED signifies that the drive speed is limited due to the position of this actuator.
   - A steady red LED means the drive is inhibited due to the position of this actuator.

3. Flashing LED
   A flashing LED provides the user with information related to the actuator.

   - A flashing green LED signifies a special or extended feature.
   - A flashing yellow LED means the seat function is inhibited in one direction, due to a safety limit. The buttons below the icon will only move the seat in the safe direction.
   - A flashing red LED means that an actuator error has been detected. Depending on the type of error, the buttons below may or may not operate the seat function. Note the circumstances when this indication occurs as this information may help your service provider. Contact your service provider for additional assistance.

2.2 Functions

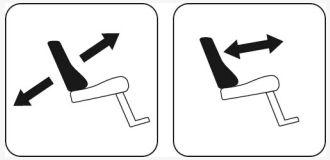
WARNING! Risk of pinching while using seat functions

2.2.1 Seat lift

The seat can be raised by pressing the upper part of the button and lowered by pressing the lower part.

2.2.2 Backrest angle

The backrest can be reclined by pressing the lower part of the button and brought back by pressing the upper part.



2.2.3 Seat tilt

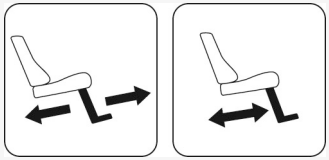
The seat can be tilted rearward by pressing the lower part of the button and forward by pressing the upper part.

2.2.4 Anterior tilt

The seat can be tilted forward by pressing the upper part of the button and rearward by pressing the lower part. When the seat is being tilted forward or rearward, the seat will stop when it reaches neutral position. To keep moving forward or rearward from neutral position, press the same button again.

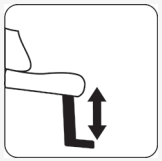
2.2.5 Leg rest angle

The leg rest can be tilted forward by pressing the upper part of the button and rearward by pressing the lower part.



2.2.6 Power adjustable leg length

The footplate can be raised by pressing the upper part of the button and lowered by pressing the lower part.



2.2.7 Seat-to-floor function

This function may or may not be applicable to your wheelchair, depending on the type and configuration of the wheelchair.

The seat can be lowered to the floor by pressing the upper part of the button, and raised by pressing the lower part.

2.2.8 Standing function

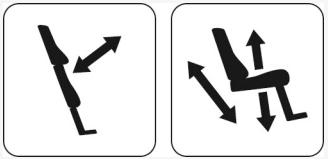
This function may or may not be applicable to your wheelchair, depending on the type and configuration of the wheelchair.

The seat can be raised to standing position by pressing the upper part of the button, and lowered to sitting position by pressing the lower part.

The standing function can be configured to suit each user by pre-programming one of the three possible standing sequences.

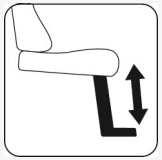
The symbol on the left shows the standing sequence which starts by straightening the user's hips and legs before raising the user to a standing position. This sequence minimizes pressure on the user's knees.

The symbol on the right shows the standing sequence which raises the user directly from a sitting position.



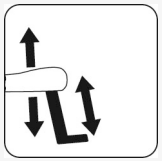
2.2.9 Power footplates

The footplates can be raised by pressing the lower part of the button and lowered by pressing the upper part.



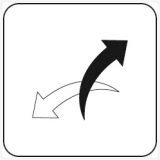
2.2.10 Power transfer footplate

The footplate can be lowered at the same time as the seat lift is raised by pressing the upper part of the button. Pressing the lower part of the button will raise the footplate and at the same time lower the seat lift. This function can help the user get in and out of the wheelchair.



2.2.11 Shift

Change the control button functions by pressing the shift button. Change the function back again by pressing the shift button. The symbol for the active function will light up.



2.2.12 Memory function

ICS control panels equipped with memory can store and recall up to three seat positions. A seat function (for example seat lift, seat tilt, backrest angle, leg rest angle) can only memorize a position if it has an actuator with position feedback installed.

2.2.12.1 Return to a preset position

1. Enter memory mode by pressing and holding the memory button (8) for two seconds. While in memory mode, the memory LED flashes green.

2. Press and hold the appropriate recall button (1, 2, or 3) to move the seating system to the preferred preset position. As a safety feature, releasing a recall button stops actuator movement. When the stored position is reached the actuator movement stops, the LED above the memory position lights up green and the control panel beeps.

3. Return to standard seat function operating mode by pressing the memory button (8).

2.2.12.2 Storing memory

This is how you store a seating position in memory.

1. Adjust the seat system to the preferred position.

2. Enter memory mode by pressing and holding the memory button (8) for two seconds. While in the memory mode, the LED flashes green.

3. Press and hold button (4) until the LED immediately to the left of the memory LED lights up green. Memory is now enabled and ready to memorize a seat position.

4. Press and hold the desired store button (5, 6, or 7) for three seconds to memorize the current seat position. The LED above the memory position will light up red and the control panel will beep once the memory is successfully stored.

5. Return to standard seat function operating mode by pressing the memory button (8).

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