

ottobock.

Discovering freedom together.

With special controls from Ottobock.



Information for Specialist Dealers

Quality for life

Being in the thick of things.

With the help of a team

Every wheelchair user dreams of freedom and independence. One person may want to get back to work; another one may want to be able to get the housework done with less help. For children the biggest wish is often to be able to play and learn with friends and schoolmates.

Power wheelchair controls adapted to the individual user's needs contribute greatly to achieving this freedom. These controls can open up an entire new

world for the user – the world of work, for example, by enabling access to the computer and the telephone.

Specialist dealers, therapists, medical product manufacturers and of course the user and his or her family members all contribute knowledge about the individual abilities and needs that are decisive for fitting the patient.



"Manufacturers, therapists, specialist dealers and users work closely together. Something always comes up with the controls and has to be looked at."

**Kay Hannemann, Medical Product Consultant
in a medical supply store**

At Ottobock we offer you innovative and individual components. That is our task in the fitting process.

- We give you practical solutions for **special controls**. They can be fine-tuned to meet the needs and the motor skills of each user.
- The user has precise control over the wheelchair with the **enAble50** software and display. The menu features intuitive navigation. Nearby devices such as telephones and computers can also be control-

led. The enAble50 offers up to four standard interfaces.

- Our **fitting managers and service technicians** are available for you. They can provide advice and assistance – during the fitting process and beyond.

Participating as an equal partner – at school, at work or in your leisure time. Being in the thick of things and experiencing self-determination and freedom. This should be possible for everyone.



With hand, chin, foot or lips

According to capabilities

Each user places his or her own demands on the control. If operation of standard controls is not possible, special controls can be used. We offer various input devices for this. Thus the user can use his or her chin, lips or foot for control.

The team of specialist dealers, therapists, users, family members and medical product manufacturers determines together which control is most suitable given the motor skills of the user.



Maximum table utilisation, minimum space restrictions below tray through innovative swing-away mechanism.

Electric swing-away centre tray control



Can compensate sudden strong forces through programmable working range.

Heavy duty Joystick



Minimum force required, calibration by user possible at any time.

Calibratable Mini joystick



Input control with small steering movements – recommended for chin control.

Calibratable Midi joystick



Due to its small size it can be placed anywhere.

Mini-Joystick



Control device can be positioned to meet individual requirements, usable not only as a handheld input device.

Joystick



For comfortable actuation of electric adjustments and further functions, irrespective of driving mode.

Push-button module



For individual placement, with different actuation forces and for different function layouts.

External push buttons



All functions can be controlled via the foot pedal. The cruise control provides relief to the user.

Foot control



Electric swivel unit in conjunction with Midi/Mini joystick for chin or lip control. Minimal swivel radius.

Swivel unit



For use by wheelchair user or attendant with numerous possible variations.

Stand alone Joystick

"It's important that all partners support each other in the fitting process. The wheelchair should be as unique as the user is. The goal is mobility and hence the controls are also involved."

**André Illgen, Ottobock Mobility Solutions
Fitting Manager**



enAble50: software and display You can't get more individualised.

As a specialist dealer you can use the innovative enAble50 software to customise the setup of the control. The more the software is adapted to the needs and abilities of the user the easier it is for the user to carry out daily activities. He or she can then concentrate on other things: work, social contacts, hobbies.

The enAble50 provides a means for precisely adapting driving parameters to the respective wheelchair. It also offers more precise adaptation to motor skills than any other control software. For example, you can increase the sensitivity of the input module, reducing the amount of force that needs to be exerted by the user to move the wheelchair. Another example: as a specialist dealer you can define the intensity of joystick swivel in each direction by means of the X and Y axes. This is helpful if the user exhibits weakness in a particular swivel direction, i.e. greater difficulties in moving the joystick in a particular direction. The result: extremely precise manoeuvring.

What else does the software offer? Freely programmable outputs for activation of the various functions. These functions are shown on a clearly structured, high-resolution colour display. The display can be custom-positioned on the wheelchair. Via the input device the user can select menu items, set driving functions, make seat adjustments and control various devices in the vicinity by means of various interfaces.

- Mobility of input module individually adjustable
- Colour display position freely selectable
- Numerous functions for making daily live easier and improving quality of life

enAble50: the controls

one menu, many functions

The enAble50 menu can be navigated intuitively. It only uses symbols, enabling the 52 functions to be displayed quickly. The menu structure is customisable.



Main menu

Provides direct access to the driving functions, additional functions, favourites and system shutoff. System shutoff can be replaced by other functions upon request.



Favourites



System shutoff



Driving functions



Additional functions



Favourites

Selection of the seven most popular and most commonly used functions for fast and comfortable activation. Freely programmable by user.



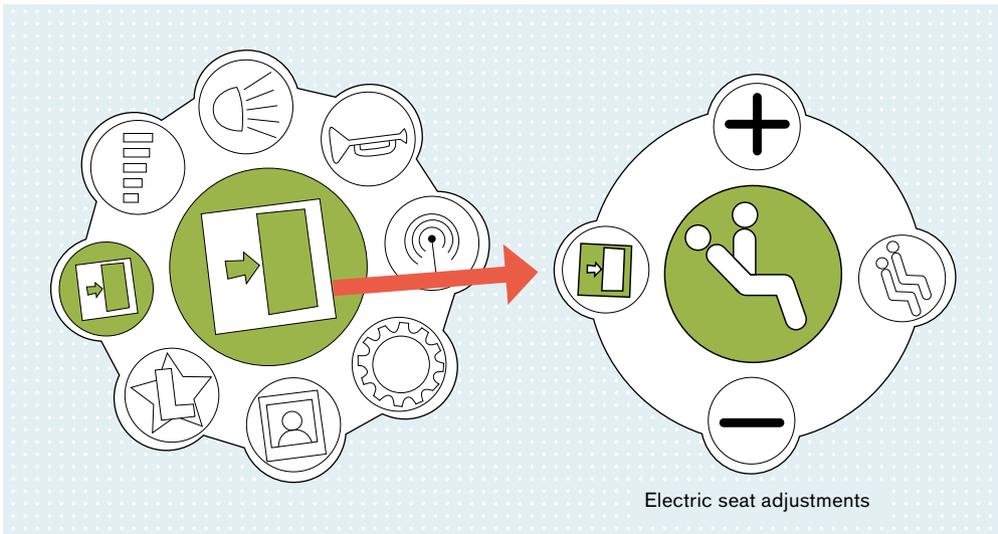
Driving functions

Fast and clear display of all relevant parameters including distance, battery, time and cruise control.



Additional functions

- Electric seat adjustments
- Lighting
- Horn
- Environmental control (remote control)
- System settings
- Digital photo album
- Image communicator
- Speed levels
- ...



Technical information

Main control: 130 A for traction drives, integrated light function, actuator outputs,

analogous sensor inputs (steering control), digital inputs and digital outputs

Additional modules: control panel (integrated LCD display), attendant control, LCD display (high-resolution colour display, input for special controls, infrared and Bluetooth interfaces as well as Easywave radio modules), extended actuator module (5 independent actuators, separate 12V (5A) DC-DC output)



"The goal of fitting is to make daily life as stress-free and non-tiring as possible."

**André Illgen, Ottobock Mobility Solutions
Fitting Manager**

Infrared, Bluetooth and radio modules Keeping the environment under control

A special feature of the enAble50 is its ability to control devices in the vicinity via Bluetooth, infrared and radio interfaces. This can help the user achieve independence and actively participate in social activities.

The ability to control telephones and computers opens up new possibilities for the user – for example with respect to work. In addition, air-conditioning units, socket-outlets, lamps, shutters, doors, garage doors, TVs, stereo systems, beds and calling of emergency services can be controlled at home.

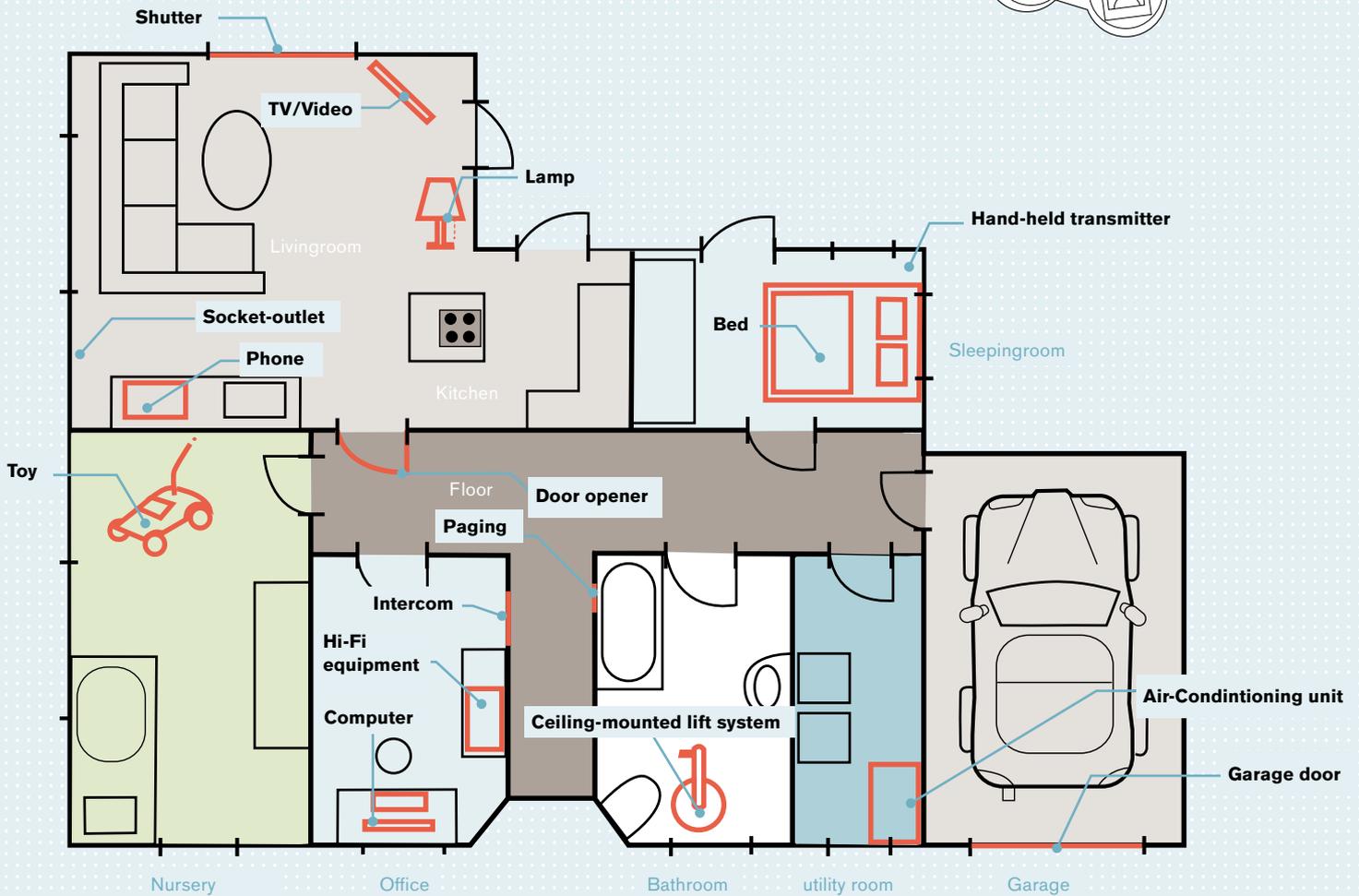
Finally, recreational activities such as control of a PlayStation or toy car, among other things, are possible. Children in particular can make friends, play and learn with other children of the same age through electronic toys – and benefit from the positive therapeutic effects due to the training of hand-eye coordination through operation of the input modules. This training through play helps children gain confidence in using their wheelchairs.



Please contact us for further information about setting up environmental control in your home!

Environmental control:

- Control of TV, radio, DVD and home automation systems
- Direct use of phone and mobile radio units
- Mouse emulator for PC control
- Actuation of switches, socket-outlets and dimmers
- Control of voice output communication aids
- Control of games and toys



The right control for the right wheelchair

The enAble50 control as a basis for special controls can be combined with any Ottobock power wheelchair either as an option or in Custom Fabrication (depending on the model).

Option



B600

The indoor and outdoor travelling companion with telescopic frame for more adaptation possibilities.



Skippi

The child-friendly power wheelchair with diverse options.



C1000 DS

The robust outdoor driving expert – also suitable for indoor use through exceptional manoeuvrability.



C2000

The strong outdoor driving partner with innovative steering system – energy to spare!

Custom fabrication



Xeno

The multifunctional power wheelchair with straightening function.



z50

The power add-on drive for retrofitting manual wheelchairs.



A200

The manoeuvrable power wheelchair for indoor use.



B400

The entry model for indoor and outdoor use – compact and manoeuvrable.



B500

The B500 product family for indoor and outdoor use – wide range of fitting variants and options.



B500-S

The front-wheel drive variant in the B500 product family.

"My job as an occupational therapist is to make sure the user is seated properly and feels comfortable. That's why we try out several wheelchairs during the fitting process."

Sandra Degenhardt, occupational therapist





We're here to support you.

Our controls are so innovative because they can be adjusted individually. This also means that they offer a large number of possibilities. We can assist you in all stages of the fitting process to help you make the best use of these possibilities. We also offer workshops.

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