

Brief instructions for use

Infrared hand control units and handheld transmitters (optional) built after 02/2011

VÖLKER



Infrared hand control unit



Handheld transmitter for programming the hand control unit (optional)



These instructions for use only describe the features of the infrared hand control unit. Please also observe the instructions for use for the bed!

General information and correct use

The hand control unit with infrared receiver provides the same functions for operating Völker beds as the standard hand control. In addition, the infrared receiver enables Völker hospital and healthcare beds with Völker motor systems to be controlled by an environmental controller with an infrared interface. The environmental controller enables people with limited mobility to control the bed.

The infrared handheld transmitter (optional) is required to individually program and assign the beds and environmental controllers.

Inappropriate use can be dangerous.

This includes, but is not limited to:

- Incorrect actuation of electrical functions and uncontrolled positioning
- Operation of the bed by the occupant/patient without having received prior instruction in how to do so
- Pulling on cables to move the bed or loosening plug connections
- Operation of the bed using devices other than those intended, e.g. programmable remote controls.

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Activation

The infrared hand control unit is connected just like any other hand control to the dual motor system or battery transformer box. Make sure that the plug is screwed in firmly to ensure tightness and reliable electrical contact. The infrared hand control unit can be fastened to the bed in the same way as the standard hand control. The infrared receiver should not be covered; however, direct visual contact with the environmental controller's transmitter is not necessary.



CAUTION If several beds are being operated by infrared in one room, make sure that each bed only responds to the corresponding environmental controller. For this reason, one of four possible device addresses can be assigned to each infrared receiver.

A maximum of four beds can be operated by an infrared receiver in each room.

Manual operation

The infrared hand control unit can be fully operated like any other hand control unit by using the buttons. The functions are described in the instructions for use for the bed.

Operation via infrared

The infrared receiver in the front of the hand control unit detects the infrared signal of the environmental controller and converts it into operating commands. The maximum in-motion time is limited to 3 seconds. You can however perform the command again immediately afterwards. It is not possible to use several functions via infrared at the same time.

Key lock

Locking the hand control unit using the key on the back prevents both manual operation and infrared reception. Locking all hand control units from a nurse control also completely disables the infrared hand control unit. Locking individual functions on the nurse control also applies to both operating modes.

Cleaning and disinfection

The infrared hand control unit can be cleaned and disinfected as described in the instructions for use for the bed.

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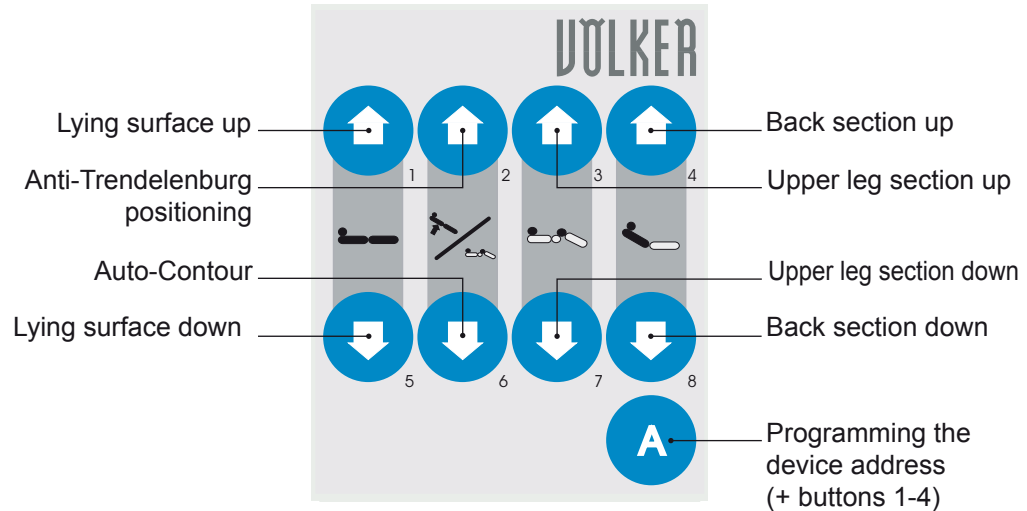
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Programming an environmental controller using the handheld transmitter (optional)

By pressing the buttons on the handheld transmitter, you can transfer the corresponding function to an environmental controller. Please refer to the instructions for use for your environmental controller for further information on carrying out and saving the programming settings.

NOTE The "Lower castors" function cannot be transferred even if it is available on the hand control unit.



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Setting the address using the infrared handheld transmitter (optional)

The infrared hand control unit and handheld transmitter are set to device address 1 at the factory. The device address is selected via the infrared handheld transmitter which is available as an accessory (article number E2324).

To set the address, bring the handheld transmitter into the range of the receiver. Now press button "A" on the handheld transmitter and a button from 1 to 4. The handheld transmitter signals that the address has been set by emitting the corresponding number of beeps. The receiver and handheld transmitter have then been set to the new address.

Please be aware that several infrared hand control units may be within range of the handheld transmitter. These would then also be reset. To prevent this from happening you can either disconnect the other infrared hand control units from the beds or stop the contact, for example by covering the units with

a blanket. You can also disconnect the beds but please refer to the detailed instructions for use for the bed (the mains plug cannot simply be pulled out!).

NOTE Please check to make sure that only one bed in each room responds to one channel!

Upon request, the infrared hand control units can also be supplied with a fixed address that cannot be changed.

Technical data for the infrared hand control unit

IR code: RC-5, 14 bit, 38 kHz

Battery: 6LR61 (9-V block)