

# 29124

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## Dear Customer,

We would like to thank you for your confidence in us and congratulate you on the purchase of your multi-function control with infrared remote operation, which has been developed and manufactured in Germany to the latest state of the technology, and in accordance with applicable international safety regulations.

These instructions are intended to help you familiarise yourself with the use and operation of the massage unit.

### Controls / infrared transmitter

The drives for bed adjustment, the massage motors and the IR receiver must be connected to the control. The infrared transmitter of the HIR4MV range is used for controlling the drives for the electrical adjustment of the bed frame. Maximum comfort is ensured by the capability of being able to save 3 different memory positions.

### Optional massage device

An increasing number of people nowadays suffer from pains caused by long periods of sitting in front of a PC in the office, standing at a work-bench or long car journeys. This can result in disturbed sleep, tension in the neck and back area, headaches and severely swollen legs.

The optional massage unit VRT6 has been specially developed in order to alleviate these problems.

The two massage motors are simply attached to the head and foot area of the underside of the bed frame by means of a metal plate.

When you switch the massage unit on, you will feel gentle vibrations over the complete mattress area, which stimulate the circulation in the neck, back and leg musculature, thereby alleviating painful tension, prevent headaches, reduce swelling of the legs and gently rock you to sleep.

You can set the required massage strength with the aid of the IR remote control, or, in order to achieve an even more intensive massage effect, start one of the three different wave massage programmes, the intensity of which can also be controlled. A timer ensures that the massage unit switches itself off automatically after 10 minutes.

### Special functions

The following special functions are also optionally available:

- Background illumination for the IR remote control
- Torch function
- Remotely operated socket  
(only with additional VIF/S2 socket rail)



## Safety instructions

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- Never open the housing of the control, the power supply unit or motors! Unauthorised opening of the housing and improper repairs can create risks for the user, and will also invalidate the guarantee.
- Repairs must be carried out only by the manufacturer!
- Do not allow any liquids to get into the control, the power supply unit or motors. This can result in electric shocks or short-circuits.
- The control, power supply unit and motors must be used only for the purposes specified in this User's Manual!
- First check that the cables and housings are not damaged. If this is the case, do not use the unit, but take it back to your dealer for replacement.
- The HIR4MV multi-function controls are designed for use only in enclosed and dry living areas. It must not be used outdoors, and must not be fitted to other furniture such as sunloungers etc.
- People with heart pacemakers must not use the optional massage device, since the unit may possibly affect the pacemaker.
- Do not allow children to play with the control without supervision! Switch off the adjustment function using the child safety switch, or keep the remote control in a place inaccessible to children!
- The remotely operated socket must not be used for the connection of any devices with a power consumption of more than 800 Watt!
- The remotely operated socket must not be used for the connection of electric heaters, convector heaters, radiators or electrical power tools such as drills, saws or similar!

## 22 Contents

1x Infrared remote control HIR4MV with 9V battery (see Fig. F1)

**Multi-function control** (see Fig. F4)

1x Power supply (F) with power-cut-off (J)

1x Control (G)

1x Infrared receiver PA38100 (H)

2x 9V batteries (I)

**Optional massage device** (see Fig. M1)

2x Massage motors (A)

2x Installation plates (B)

8x Wing nuts (C)

8x Washers (D)

8x Bolts (E)

## Installation

First check that the cables and housings are not damaged. If this is the case, do not use the unit, but take it back to your dealer for replacement.

1. First connect the IR receiver to the control. Place the IR receiver (H) so that it is not in an enclosed bed frame, and the IR receiver window is not covered. *infrarrojos*.

In positioning the bed, please assure that the infrared receiver's eye is not exposed to either direct sunlight or light from other sources, such as night table lamps, for example.

2. Now connect the drives for the bed adjustment to the control.  
**FM** = Foot motor  
**NM** = Neck motor  
**BM** = Back motor  
**LM** = Leg motor
3. Connect the batteries (I) for the emergency lowering to the control.
4. Connect the power supply unit (F) first to the control.
5. Insert the battery into the compartment of the remote control by the base first, and then press the battery down carefully into the compartment at the top (contact side). Ensure correct polarity of the battery (see Figure F2).

6. Finally, insert the power cut-off (Fig. F4 / J) into the power socket.

### For controls with massage device only:

Install the massage motors to the underside of the bed frame in the back and foot area as shown in Figures M1 and M2. Take care to avoid the faults shown in Figures M3 and M4. Now connect the massage motors to the controls (See Fig. F4).

## Double bed function

In order to operate two units independently (e.g. in a double bed), these can be set to 2 different transmission and reception channels (A or B see Figure F3).

To set the transmission and reception channels (A or B) press simultaneously the buttons „off“ + „1“ or „off“ + „2“.

**When setting the channel, ensure that the sliding switch of the remote control is set to the same position as the sliding switch on the IR receiver.**

Select channel A for the first unit. If you want to control a second unit in the same room by remote control, set the sliding switch on this unit to channel B.

## Initialising the control

Before you can use the device, the control must be initialised. To do this, proceed as follows:

- Press buttons **D1** and **D2** simultaneously.
- Hold the buttons down until the bed has moved to the flat position and all the motors have switched off.
- The unit is now ready for operation.

### Important note!

**If the motors cannot be operated, this indicates that the child safety device has probably been activated. Deactivate the child safety device (see page 23) and then carry out the initialisation!**

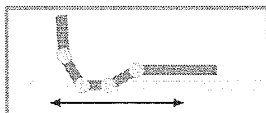
## Operation

See Figure F1 for operation.

### Bed adjustment

Use the buttons described below. The corresponding drive will be actuated for as long as the button is pressed.

- (U1) Neck adjustment upward
- (D1) Neck adjustment downward
- (U2) Back adjustment upward/  
**frame drives backward\***
- (D2) Back adjustment downward  
**frame drives forward\***
- (U3) Leg adjustment upward
- (D3) Leg adjustment downward
- (U4) Foot adjustment upward
- (D4) Foot adjustment downward



\* Only with optional wallhugger function.

### Saving settings (memory)

The settings you have made with the buttons **U1/D1 - U4/D4** can be saved.

To do this, proceed as follows:

- Press button **S** three times
- Then press one of the buttons **A, B** or **C** with 4 seconds.

This has the following effect:

- Button **A** saves memory position 1
- Button **B** saves memory position 2
- Button **C** saves memory position 3
- The control confirms that the setting has been saved by means of an acoustic signal.

### Calling up saved settings

The saved settings can now be called up by means of the memory buttons.

This has the following effect:

- Button **A** calls up memory position 1
- Button **B** calls up memory position 2
- Button **C** calls up memory position 3
- 

To do this, proceed as follows:

- Press and hold one of the above buttons until the drives have reached the saved positions and have switched off.

## Special functions

### Child safety device

You can activate and deactivate the child safety device by pressing the button (**S**).

Activate child safety device

- Press and hold down button (**S**) for approx. 10 sec.
- The control confirms that the child safety device has been activated by means of an acoustic signal.

If you now press one of the buttons (**U1/D1 - U4/D4**) with the child safety device activated, an acoustic signal will sound (beep), and the bed will not be adjusted.

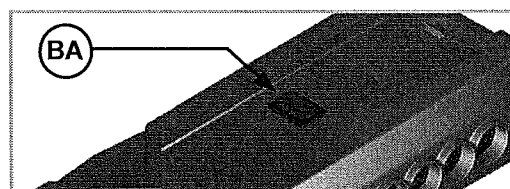
Deactivate child safety device

- Press and hold down button (**S**) for approx. 10 sec.
- The control confirms that the child safety device has been deactivated by means of an acoustic signal.

The bed can now be adjusted again.

### Battery emergency lowering

(**BA**) In the event of a power failure, you can move the bed back into the flat (prone) position by pressing this button.



## Optional functions

### Massage

#### (MB) Back massage motor

Press this button briefly to start the back massage motor. The massage motor starts with a gentle vibration. You can increase the intensity by pressing the button again briefly up to six times. A high acoustic signal will sound to indicate when you have set the maximum massage intensity. You can now reduce the intensity again in stages by again pressing this button. A low acoustic signal will sound to indicate when you have set the minimum massage intensity.

#### (MF) Foot massage motor

Press this button briefly to start the foot massage motor. Proceed as with the back massage motor in order to set the massage intensity.

#### (MO) Off button

If you want to stop the massage prematurely, press this button briefly.

### Massage programmes

#### (M1) Massage programme 1

#### (M2) Massage programme 2

#### (M3) Massage programme 3

In the case of the wave massage programmes, the intensity of the massage motors is altered in cycles. For example, both motors are increased and decreased in power again simultaneously.

For all wave massage programmes, you can speed up or slow down the wave cycle by repeatedly pressing the relevant programme button. When a high acoustic signal sounds, this indicates that you have set the fastest wave cycle, while a low acoustic signal indicates the slowest cycle.

#### Timer function

The massage motors will be switched off automatically after approximately 10 minutes. The motors can be switched on again immediately if required.

If you want to stop the massage prematurely, press button **(MO)** briefly.

### Special functions

#### Background illumination and torch

Press any button in order to switch on the keypad background lighting.

If you press and hold the button **(T)**, the torch LED **(LED)** will be switched on. The LED can be kept on by holding the button down.

#### Remotely operated socket

The remotely operated socket VIF/S2 (not included) can be used for the connection of other electrical devices such as a lamp or fan.

The remotely operated socket is switched on and off again by pressing the button **(RS)**.

**The remotely operated socket must not be used for the connection of any devices with a power consumption of more than 800 Watt!**

**The remotely operated socket must not be used for the connection of electric heaters, convector heaters, radiators or electrical power tools such as drills, saws or similar!**

### Synchronal Function

1. Before connecting the two controls with the link-cable both controls have to be initialised. Please follow the instructions on page 10 to do this.
2. Connect the controls with the link-cable.
3. Initialise the controls again. The initialisation can be operated on each of both IR remote controls.
4. After the initialisation the system is now ready to operate. See article „Operating the adjustment“ (page 23) for description. Please account for the following:
  - The adjustments react to both IR remote controls.
  - The massage function responds only to the respective dedicated IR remote control.

**Important note for changing the battery:** To separate the clip from the battery please take a ballpoint pen or similar for help. For it stick the cone end of the ballpoint pen between both contacts and lift the clip up please (see fig. F2a).

## What to do in case of problems?

**Problem:** The red LED of the remote control lights up when a button is pressed, but nothing happens?

**Solution:** Check that the channels on the transmitter and receiver are set to the same setting! Ensure that the IR window is not in an enclosed bed frame or covered in some other way! Check that the power supply plug of the massage unit is properly inserted into the socket!

**Problem:** The massage motors can be operated, but not the bed adjustment motors?

**Solution:** Check that the plug of the bed adjustment motors has been properly inserted into the controls!

**Problem:** When I want to operate the bed adjustment motors with the remote control, a quiet acoustic signal sounds (beep), and the bed adjustment will not work, although the massage motors can be switched on?

**Solution:** The child safety device is activated. Press and hold down button **(S)** for approx. 10 sec. to deactivate it (page 23, Child safety device)!

**Problem:** The massage motors make too much noise (rattling noise)?

**Solution:** Check whether the screw attachments have worked loose! Check whether the motors have been installed incorrectly as shown in Figure M4!

**Problem:** Whenever I want to operate one bed adjustment motor with the remote control, the corresponding motor of the other bed also starts.

**Solution:** Check that the transmission and reception channels of both units have been correctly set to A and B.

**Problem:** When a button is pressed on the second remote control while the bed is being adjusted with the first remote control, the motor stops, and only starts again when the button on the second remote control is released.

**Solution:** The two IR remote control devices cannot be used at the same time!

**Problem:** The set memory positions no longer function?

**Solution:** The control must be initialised again. Proceed as described on page 22.