



TWINDRIVE® RF based Systems
with Memory

Congratulations on your new elevation bed!

An actuator is mounted in the bed. This is the electronic unit, which moves the bed, when you press the handset. The actuator is a LINAK product. LINAK is the world's leading manufacturer of actuator systems.

A LINAK actuator is reliable and noiseless. It provides a high and constant force, and it leaves more space under the bed than any other actuator.

The actuator has been constructed with full focus on security. At the same time, it has the lowest power consumption in the market.

In short: A LINAK actuator is a quality product, which is built to ensure full functionality several years ahead. In this user manual, you can find advice and information.

For further information, please read our user manuals on our website <http://www.linak.com/products/Dual-Actuators.aspx>

We recommend that you read the user manual thoroughly through before use, so that you will have optimum pleasure with the bed and the LINAK actuator many years ahead.

Have a good time!

Start-up:

The TD can accept commands from up to 2 RF handsets.

From the factory, the TD cannot recognize any RF handsets at all. Therefore, the end user/bed manufacturer must match it to the RF handset before they can control the TD operation.

Conditions which must be fulfilled prior to activating the learning mode:

TD1:

1. Connect the TD1 to the mains
2. Wait 20 sec.
3. Activate the reset key on the TD1 by using a pen, keep the button pressed (1 - 2 sec.). Push at the same time on a button at the HB. HB is now paired to the TD. System is now (setup) ready to be used. (This learning mode also works via battery pack).

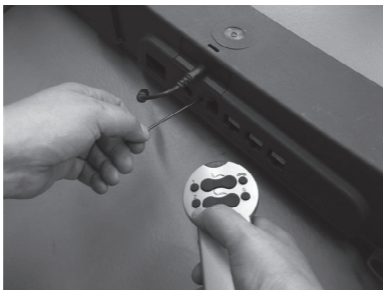
TD1



TD3:

1. Connect the TD3 to the mains
2. Wait 20 sec.
3. Activate the reset key and keep it pressed until the motor stops.
4. Release the reset key
5. Activate the reset key on the TD3 by using a pen, keep the button pressed (1 - 2 sec.). Push at the same time on a button at the HB. HB is now paired to the TD. System is now (setup) ready to be used. (This learning mode also works via battery pack).

TD3



Child lock

Enable Child lock

1. Remove 1 battery and wait 15 seconds
2. Press both buttons on second row and keep the keys pressed
3. Mount the battery at the same time (the keys are pressed)
4. The child lock function is now enabled

2.



3.



Unlock of Child lock

Press up and down keys of the 2nd row at the same time for one sec.

When the blue LED turns on the handset is unlocked.

The handset is not unlocked if the keys are not released again before the blue led turns off.

Lock

If no keys are pressed for 10 seconds, the handset will lock again.

Factory settings (disabled childlock)

Dismount 1 battery and wait 15 seconds. Mount the battery and the HB is back to factory setting.

Functional description

Transmitter HB20:




Up – down head motor

Up – down foot motor

Simultaneous up/down

1 / 2 / (3) – memory

S - store

 Message mode

How to store

- Drive to the desired position
- Push "S"
- Immediately afterwards the desired memory position must be pushed (1, 2 or (3))
- The position is now stored

Drive to stored memory position

Push (1, 2 or (3)) keep the button down until the position has been reached.

(3) HB for massage has only 2 memory positions.

HB20 for Massage:



Enter/exit massage command mode

Sets the control in massage mode for controlling the massage functions (LED flashing) or returns to normal mode for controlling the bed adjustment (LED off).

Pressing this key has no influence on the TWINDRIVE unit. If no keys are pressed for 10 min. the control will automatically go to normal mode (LED off).



Controlling the backrest massage motor

Short key press turns the backrest massage motor on or off (Left key on, right key off). Turning on a motor, which has been turned off by turning the intensity to off, starts the motor with lowest configured intensity.

Keep key pressed to adjust the intensity up or down (Left key up, right key down). Keeping the down key pressed will turn the motor off when going below minimal intensity. The intensity can be controlled when running in a massage program, but the massage program will be temporarily halted and both motors are run with currently chosen intensity until up/down-key is released.



Controlling the leg rest massage motor

Short key press turns the leg rest massage motor on or off (Left key on, right key off). Turning on a motor, which has been turned off by turning the intensity to off, starts the motor with lowest configured intensity.

Keep key pressed to adjust the intensity up or down (Left key up, right key down). Keeping the down key pressed will turn the motor off when going below minimal intensity. The intensity can be controlled when running in a massage program, but the massage program will be temporarily halted and both motors are run with currently chosen intensity until up/down-key is released.



Controlling massage program

Short key press on left key turns on a massage program (wave, pulse etc.) or changes to next program if a program is already activated.

Starting a massage program always turns on both motors at current intensity.

Short key press on right key turns off both massage motors no matter if it is running in a massage program, or separately.

Keep key pressed to adjust the motor change speed up or down (Left key down, right key up)



Store and recall massage settings.

2 massage settings can be stored.

Adjust the massage to the preferred settings. Pres the "S" key followed by either key "1" or "2". To recall a previous stored setting press key "1" or "2".

You have chosen a quality and technical product of high value.

This mounting guideline gives you the information on the use and maintenance of the TWINDRIVE® product.



This is only an additional user guideline



Should you have further questions, please contact the bed manufacturer



Is only valid for the motor part (TWINDRIVE®)