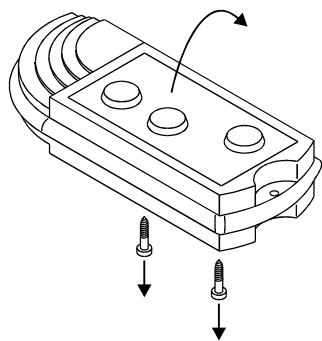


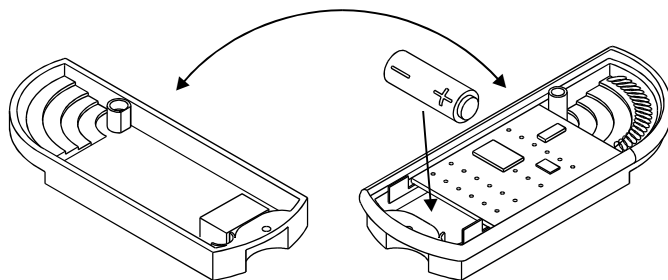


Remote Control  
Operating Instructions for USA and Canada

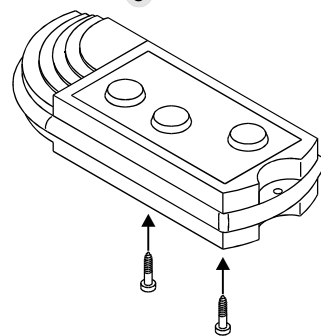
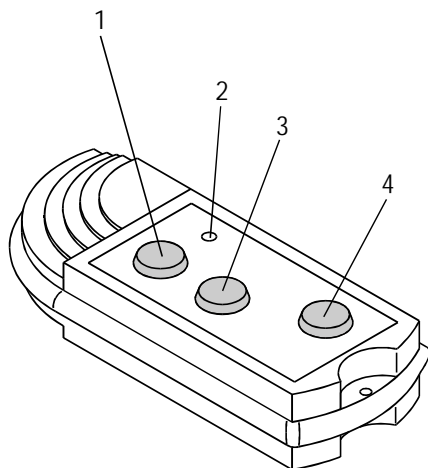
1



2



3



## Operating instructions

Three functions can be controlled with the e-motion remote control:

- 1 = Switch on both e-motion wheels in support level 1 (LED [2] lights up briefly).
- 3 = Switch on both e-motion wheels in support level 2 (LED [2] lights up briefly).
- 4 = Switch off both e-motion wheels (LED [2] lights up briefly).

Note: All remote controls are delivered in a usable state complete with battery. If the LED [2] flashes then the battery capacity is almost exhausted.

- Under no circumstances should you carry the remote control in trouser pockets as potential inadvertent switching could result. Instead use the cord provided (the length can be adjusted as required) or use the holder that can be attached to the wheelchair.
- Take care not to drop the remote control and try to avoid all kinds of impact.
- Only operate the remote control when the wheels are at a standstill, never during a journey.

## Changing the battery (see diagram on the jacket)

The useful life of the battery is dependent on the amount of use that the remote control gets.

- If the range is markedly reduced or no functions work any more then the battery must be replaced.
- Please observe the correct polarity when fitting the new battery!
- After changing the battery tighten the screws by hand, but do not make them too tight. If the screws are tightened too much the two sections of housing can be pressed together too much. Then the unit will no longer fit into the holder on the wheelchair.
- Use only 12V alkaline batteries.

The used battery should not be disposed of in the household rubbish. It should be taken to a public spent battery collection point or one in a shop.

## System range

The e-motion remote control is designed to operate most effectively at ranges up to 10 metres. Walls and even steel constructions can be penetrated by the system. The maximum range is only attained, however, if there is a line of sight to the receiver and if there is no high frequency interference.

Potential causes of reduced range:

- Buildings of all kinds and vegetation influence the range.
- The distance of the aerial from the body and to other conducting surfaces or objects (including the ground) strongly influences the radiation characteristics and therefore the effective range.
- The "background noise" in non-rural areas can be quite high, which reduces the signal to noise ratio and so also the range. It can also not be ruled out that devices with a similar working frequency are operating in the neighbourhood and so appear to make the receiver less sensitive.
- If the receiver is near badly screened devices that produce radiation (e.g. PC's), marked reductions in range or an apparent complete failure of the receiver to work may occur.

## Proper usage

The e-motion remote control transmits an individually coded signal by radio waves to the associated receiver in the e-motion wheel. The function that then takes place depends on the receiver and its wiring.

Please remember that wireless communication is always potentially subject to interference!

The e-motion remote control must not be modified or rebuilt and it can be used without being registered and without any fees being paid.

The e-motion remote control is approved for use in the USA and Canada.

## General information

Please read the operating instructions carefully. **alber** is not liable for any consequential damages that result from the use of the device, nor for material damage or personal injury caused by improper handling or through ignoring the instructions. In such cases all claims under the guarantee are also void.

The technical construction of the e-motion remote control meets national and international requirements for electromagnetic tolerances.

**Caution:** Any modification to the equipment not expressively authorized by the party responsible for compliance could void the users authority to operate the equipment

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## Disposal

Your e-motion remote control is a product with a long working life. At the end of its useful life the remote control may be returned to **alber** or **alber** dealers who will ensure that it is properly disposed of in an environment-friendly manner.

The used battery should not be disposed of in the household rubbish. It should be taken to a public spent battery collection point or one in a shop.

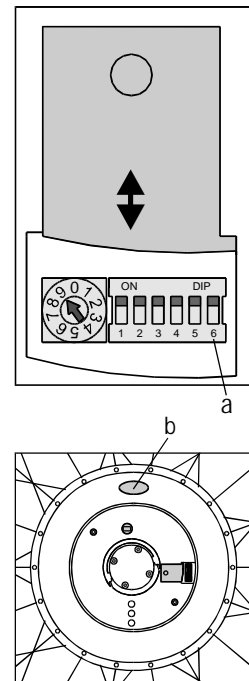
## Technical data

Working frequency:	910 Mhz
Power supply:	12V alkaline battery A23
Current consumption:	typ. 15 mA
Working temperature:	-10°C to +65°C (storage -40°C / +85°C)
Housing dimensions:	100mm x 37mm x 19mm

## Information for specialist dealers: Programming the wheels

The remote control and e-motion wheels were synchronised at the factory. If a re-programming should be necessary, then please proceed as follows:

- Place an e-motion wheel into the bracket on the wheelchair; the wheel must turn freely.
- Set the DIP switch 6 [a] of the wheel to ON.
- Place the rechargeable battery into the e-motion wheel.
- Press the selection button [b] on the wheel once (code "learn" is started).
- Press the OFF [4] button on the remote control, wait 2 seconds and press the OFF [4] button again (code is learnt by the wheel).
- Take the rechargeable battery out of the wheel and set the DIP switch 6 [a] to OFF.
- Place the rechargeable battery into the e-motion wheel again.
- Press the [1] button on the remote control (wheel is switched on and support level 1 is activated).
- Check with the wheel's push rim whether the selected support level 1 was activated correctly.
- Press the OFF [4] button on the remote control (wheel is switched off).
- Check with the wheel's push rim whether the wheel was switched off correctly.
- Press the [3] button on the remote control (wheel is switched on and support level 2 is activated).
- Check with the wheel's push rim whether the selected support level 2 was activated correctly.
- Press the OFF [4] button on the remote control (wheel is switched off).
- Check with the wheel's push rim whether the wheel was switched off correctly.
- Repeat all the above steps with the second e-motion wheel.



**Note:** Hold the remote control at a distance of less than 1.3 metres from the wheel during the programming process.  
If the programming fails, then repeat all the above steps again.

