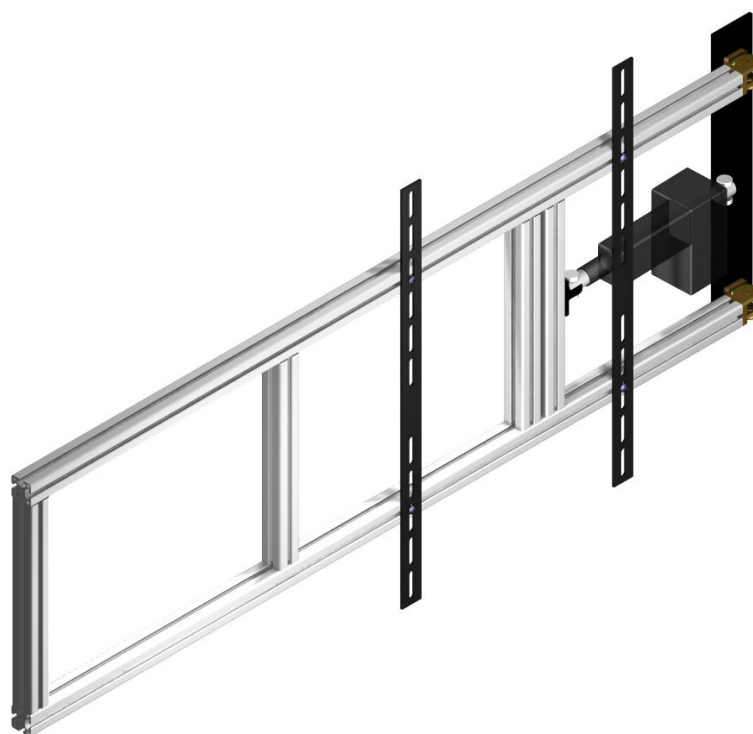




# Operating manual Superflat 43/50



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## Intended Use

The product is designed for moving a picture to the side. All company names and product names are trademarks of their respective owners. All rights reserved.

The scope of delivery may vary depending on the product and the equipment series. Please check the completeness of the delivery and notify us within 7 days of receipt, if the delivery is not complete.

## Safety and hazard warnings

Please read this chapter carefully and follow all listed instructions. This ensures reliable operation and a long service life of your lift system. Keep the operating instructions in a safe place.

**Damage caused by non-observance of these operating instructions invalidates the guarantee! For consequential damages we accept no liability. In case of property damage or personal injury caused by improper handling or non-observance of the safety instructions, we assume no liability! In such cases, any warranty claim expires.**

- > For safety reasons, the unauthorized conversion and / or alteration of the product is not permitted. Do not dismantle it.
- > The product is not a toy and does not belong in the hands of children.
- > The product must not be damp or wet.
- > Do not leave the packing material careless, children could choke in the worst case if swallowed.
- > Dropping from a low height will damage the product.
- > Before using for the first time, please check that it is possible for the Flatlift to move in and out, including the mounted Picture set, and ensure a collision-free ride.

## The quality

We have focused our attention on high functionality, ease of use, safety and reliability in the choice of components.

We thank you for your trust in our Flatlift brand products.

Through individual customer care we support you during your installation.



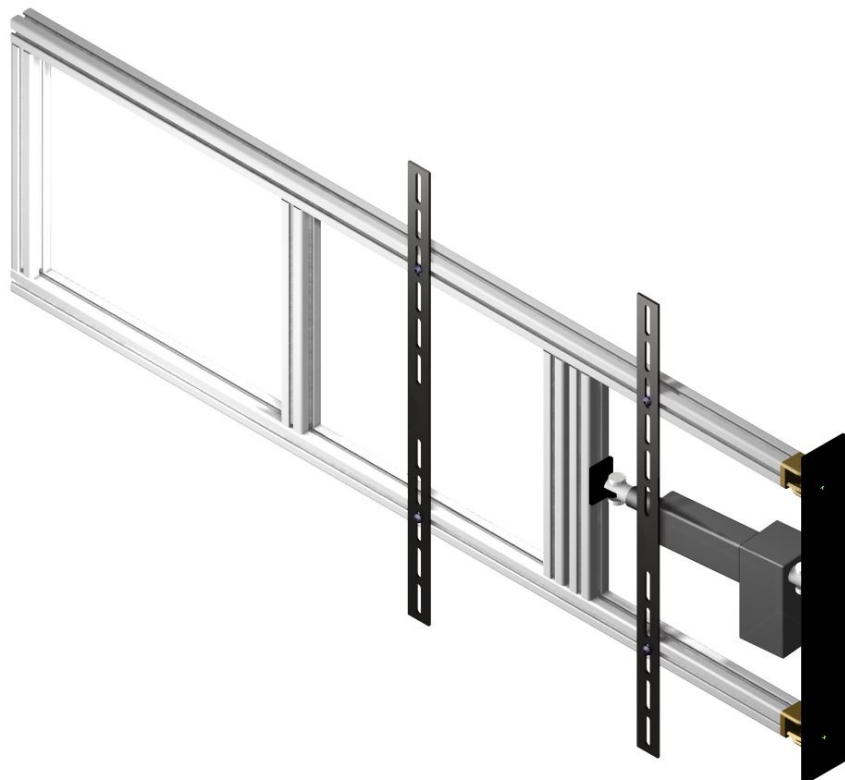
## Characteristics:

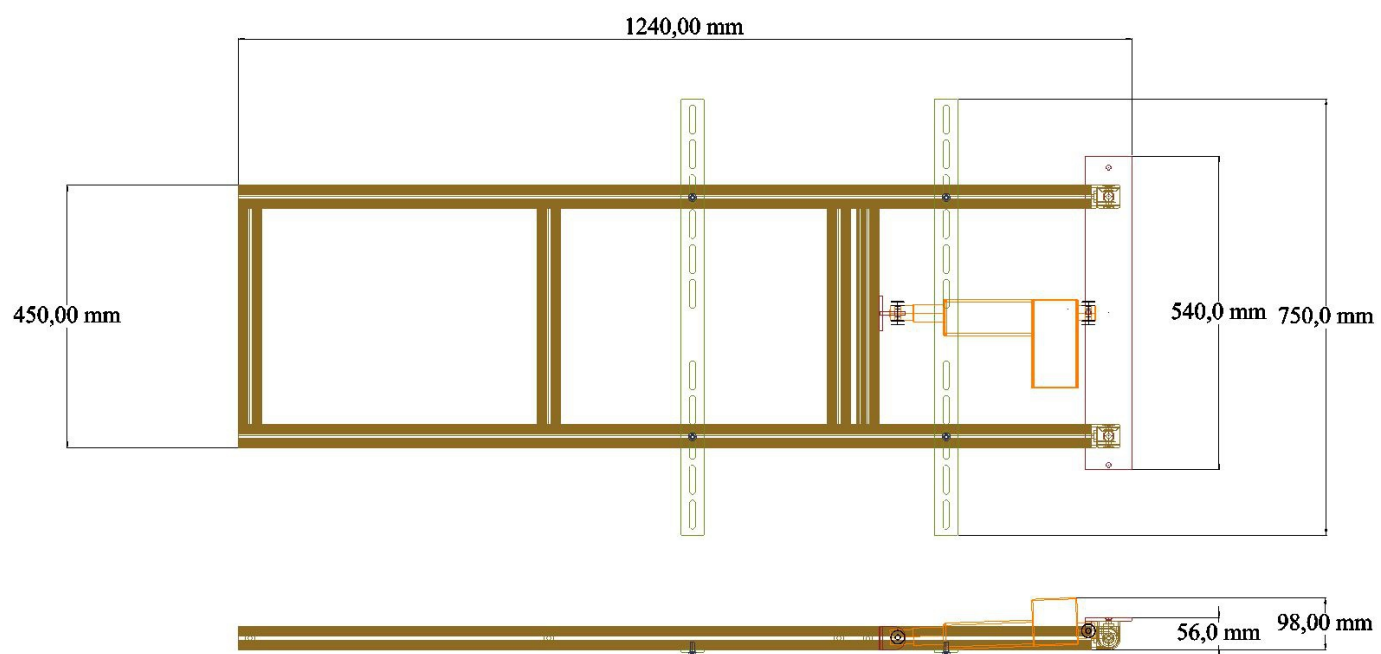
- > Installation base plate  
W = 80mm H = 540mm
- > Installation dimensions Flatlift  
W = 1240mm D = 98mm H = 750mm
- > swivel angle max. 90 °
- > lifting speed 38mm / sec
- > TV weight max. 45kg / 450N / including transfer
- > TV size 43-50 "(inches)  
(maximum possible TV size in mm: W = 1300mm, H = \*, D = \*)
- > duty cycle 5%
- > Soft Start / Soft Stop
- > Low noise level
- > ambient temperature + 5 ° C to 40 ° C
- > Connection to room control possible
- > TV limit switch (optional)
- > Millimeter accurate programming of the swivel angle (optional)
- > 230V emergency power supply (optional)

## Delivery:

- > Flatlift Superflat 43/50"
- > Control box
- > 230V power cable
- > Motor cable
- > 12V power supply for radio receiver
- > 433.92 MHz 2 channel radio receiver
- > 433.92 MHz 2 channel radio transmitter

\* Not relevant





**Initial setup:**

1. Attach your Superflat base plate to the wall with 2 screws (Fig. 1 No. 1), to avoid dropping the system.
2. Connect the Flatlift (Fig. 1 No. 3) with the motor cable (P.07 Fig. 3) and this with the control box (Fig. 2 No. 5) to connection "1". Motor cables must be connected starting from port 1 in ascending order.
3. Connect the RJ45 Western plug of the radio receiver (P.07 fig. 4 no. 7) to the control box (fig. 2 no. 6).
4. Connect the control box (Fig. 2 No. 7) to the mains voltage with the mains cable (P.07 Fig. 5).
5. Connect the plug-in power supply of the radio receiver (S.07 Fig. 4 No. 8) to the mains voltage.
6. The left button on the remote control (P.07 Fig. 6) is for the "up" movement and the right for "down"
7. Initialize the Flatlift by pressing the "Down" button on the transmitter (S.07 Fig. 6 No. 9) for 2 x 5 sec. Afterwards you drive your Flatlift 2x completely off and on again.
8. Your Flatlift is now ready for use as the lift endpoints have been saved in the control box.
9. You can now mount your TV set on the system. Align the two brackets (Fig. 1 No. 2) with the VESA dimension of the TV set. Attach your TV.

**If you disconnect the motor cable from the control box, the Flatlift system must be reinitialized.**

fig. 1

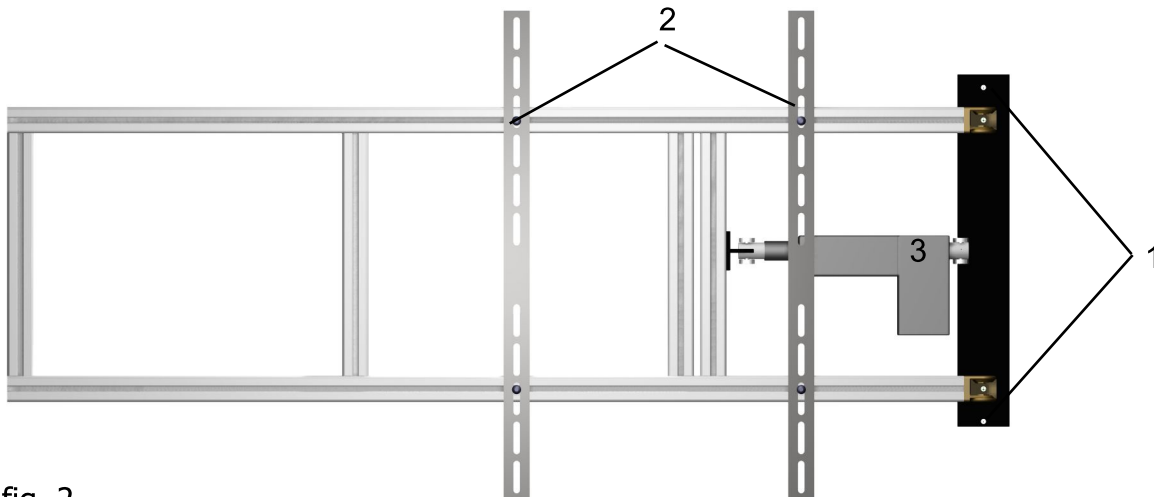


fig. 2

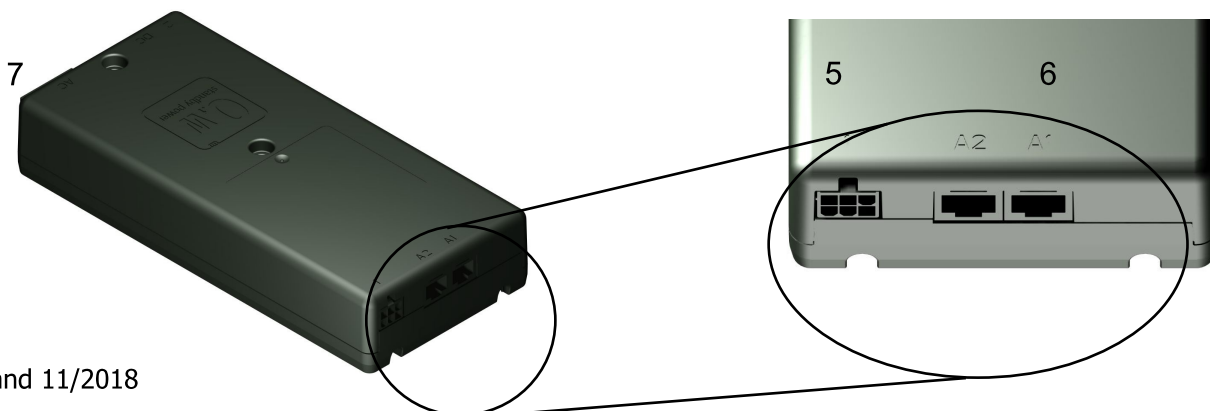




fig. 3



fig. 5



fig. 4



fig. 6



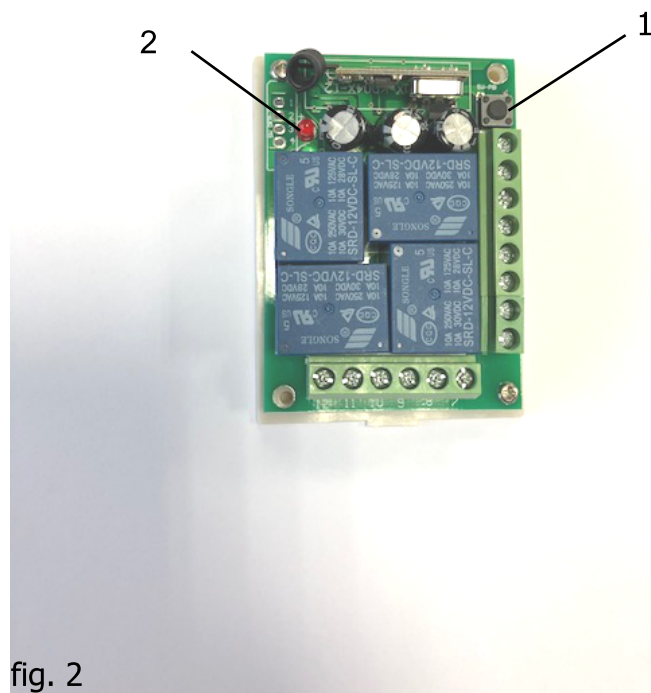
## Teach in hand transmitters:

You can get additional remote controls for your Flatlift system.

Since the transmitters are coded you have to train them.

- 1) Remove the cover (page 07 Fig. 4) on the radio receiver to access the programming button.
- 2) Press the button (fig. 2 no. 1) until the LED (fig. 2 no. 2) lights up.
- 3) Press the button on the remote control (Fig. 1 No. 1). The LED (fig. 3 no. 2) flashes once after the remote control recognition. The coupling was successful.

If your hand-held transmitter has been read successfully, you should hear a soft "click" in the receiver when you press the key to transmit.





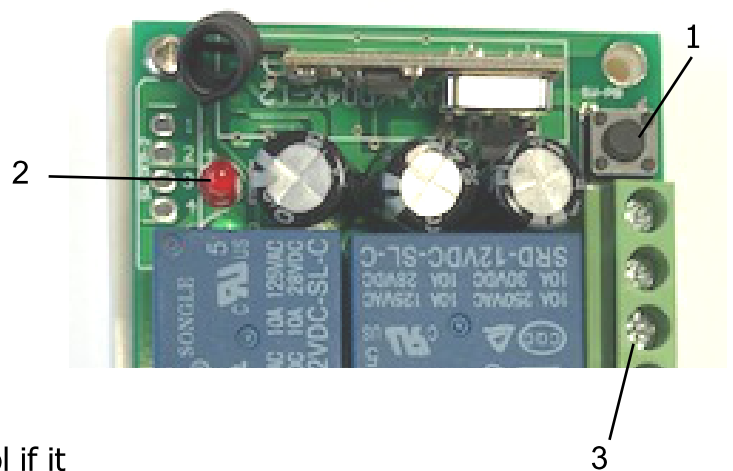


## Reset the radio receiver:

It may happen occasionally, the stored transmitter codes in Lost receiver. In this case, the recipient must be deleted become.

- 1) Remove the cover on the radio receiver to access the programming button.
- 2) Press the programming button (fig. 3 no. 1) for 5 seconds until the LED (fig. 3 no. 2) lights up and then goes out, then release the button. This is the sign of successful deletion.
- 3) Now learn your handheld transmitter again.

fig. 3



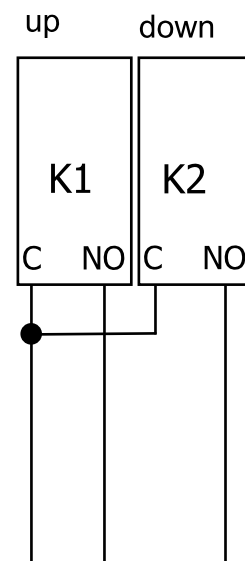
## Connection to a room control:

You can connect your Flatlift to a room control if it has 2 relay outputs with floating contacts. These relays must be operated for a programmable period of time.

- 1) Disconnect the radio receiver from the mains.
- 2) Disconnect the cables (terminals 2 - 4) on the radio receiver (fig. 4).
- 3) Now connect the blue and red wires to one of the relay outputs (lower control command Flatlift).
- 4) Bring the blue wire to the second relay output and connect the green wire to this relay output (lift the flatlift).

You can also use a new cable with RJ45 plug.  
You can use the following pin assignment for this.

Pin 4 & 5 for up  
Pin 4 & 8 for down





## **Fault diagnosis:**

If your Flatlift Pop-Up Silver does not work properly please check the following points:

### **Flatlift does not move**

#### **Is the power cord connected to the control box?**

- > Check the mains connection  
Are all plugs correctly plugged into the control box? (ATTENTION, incorrectly inserted plugs can damage the system)
- > Check all connections  
Is damage to the cables, the control box, the handheld transmitter or the Flatlift visible?
- > Damaged components need to be replaced, please contact us  
The Flatlift stops and can only be moved in the opposite direction
- > Is your Flatlift fully extended?
- > top material too heavy?
- > Possibly radio channel deleted!
- > Programming error on the room control!
- > Endpoints wrongly set!

#### **Have you equipped the Flatlift with a too heavy TV or top material?**

- > Relieve the Flatlift and try again  
Is the radio transmitter transmitting?
- > If necessary, replace the battery of the remote control  
Does the receiver receive?
- > When operating the radio transmitter, a "click" should be heard from the relays on both channels.  
(If not, delete channels and re-learn them, see page 8 + 9)

#### **Jerky / stuttering process of the lift?**

- > Please check if a radio source is transmitting 433 Mhz in the vicinity of your house  
(possible sources of interference: garage door opener, baby monitor, alarm system or intercom)

With a radio interference source you have to convert to a frequency of 868 MHz!

Free conversion from 433 Mhz to 868 Mhz is only possible within the first 7 days from the delivery date. If this point is available to you, please contact us.

If you have a problem during commissioning or have a problem, you can contact us by phone or email: Customer Service:

By Email: [service@flatlift.de](mailto:service@flatlift.de)

By phone during our service hours from 8:30 am to 4:30 pm (CET) at +49 (0) 62 41 - 30 56 00

Always have the following information ready for us or email us with:

- > your customer number
- > invoice number or delivery note number
- > Date of purchase of your Flatlift
- > Name of your Flatlift system