



Operating Manual Thinline Ultra



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Intended Use

The product is used to raise and lower projector devices. 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.



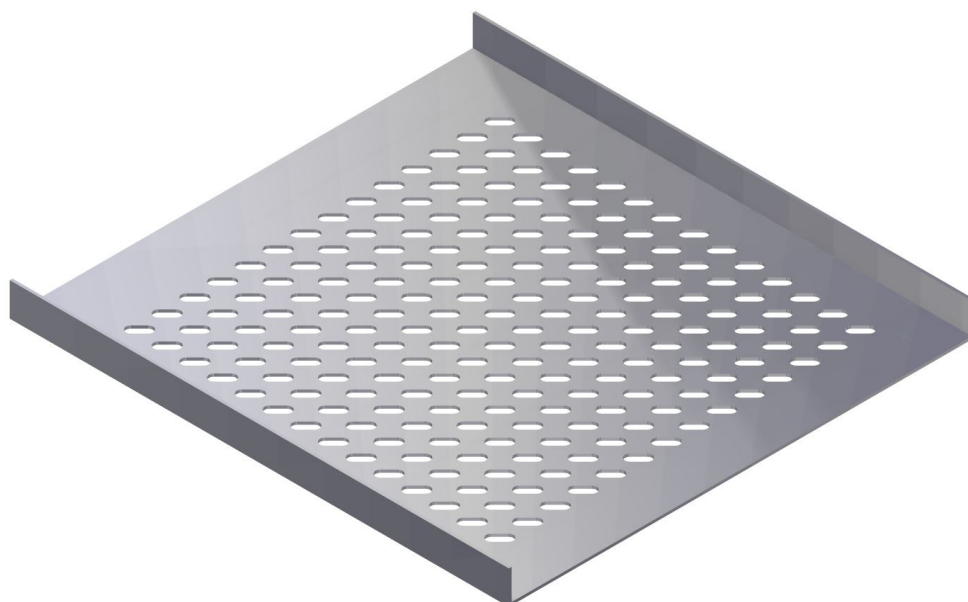
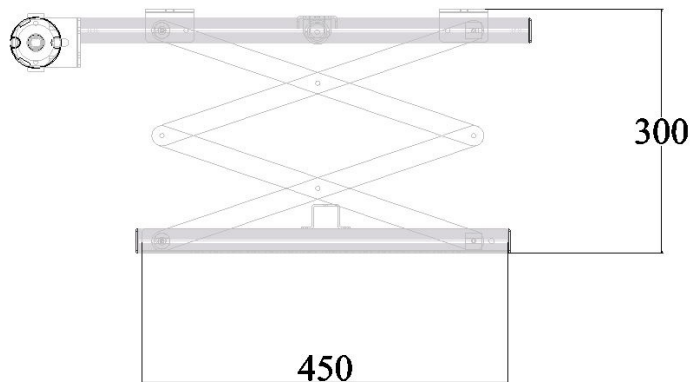
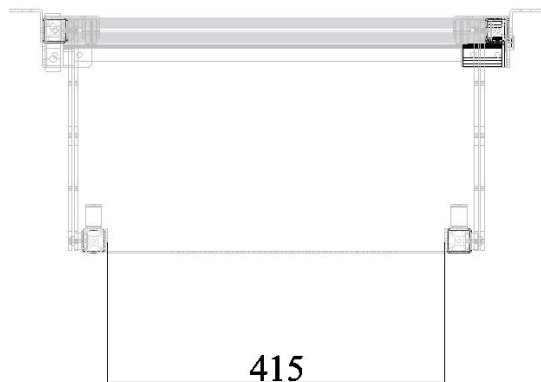
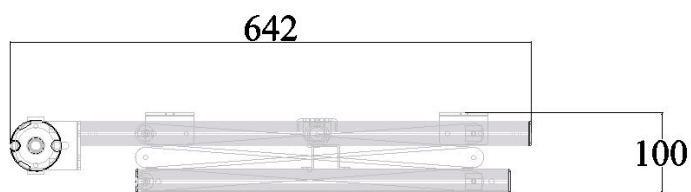
Characteristics:

- > Installation dimensions for flat lift
W = 665mm D = 642mm H = 100mm
- > stroke = 200mm
- > lifting speed 35mm / sec
- > Beamer weight max. 15kg / 150N
- > duty cycle 5%
- > Low noise level
- > ambient temperature + 5 ° C to 40 ° C
- > Connection to room control possible (optional)

Delivery:

- > Flatlift Thinline Ultra
- > radio receiver (pre-installed)
- > radio hand transmitter
- > adjustment key
- > 230 V power cable (pre-installed)





Maximum projector dimensions:

Width: 355mm
Depth: 440mm
Height: 80mm

Larger projectors can be attached below the plate.

Special sizes, special loads, special movements, marine solutions on request.



Initial setup:

1. Attach your Thinline Lift to the ceiling with 4 screws.
2. Connect the pre-assembled power cable to the mains voltage.
3. Open the system by pressing button "1" on the handheld transmitter (p.07 Fig. 2).
4. Place the projector on the lifting table or attach it to the underside
5. Close the lift by pressing the "0" button on the hand transmitter.
6. It may happen that the lift does not close completely because the straps have tightened slightly under the weight of the projector. This can be set on the drive (p.07 Fig.3). To do this, use the supplied setting key. On the drive you can see which of the two adjusting screws is for the "closed" position. Turn the adjusting screw on the drive in the direction shown to adjust the end point. Press the "1" key to open the system a bit and then the "0" key to close it again.
this process may have to be repeated.

You can also set the "Open" position using the same method. Use the other adjusting screw for this.

When the positions are set, the lift is ready for use.



fig. 2

fig. 3

In the picture you can see the adjusting screws. The white screw is for turning upwards. If you now turn the white screw in the direction of "+" (clockwise), the travel becomes larger. If you turn in the direction of "-" it becomes smaller.





RF pairing:

You can also optionally purchase additional remote controls for your Flatlift system. Since the transmitters are coded, you have to teach them in. Up to 6 codes can be learned.

- 1) Open the control box to access the radio receiver and the programming button.
- 2) Press the button (fig. 1 no. 1). The LED will then flash.
- 3) Press a button on the transmitter (fig. 2).
- 4) The LED flashes twice to confirm that the code of the remote control has been accepted.



fig. 1



fig. 2



Reset the radio receiver:

It may occasionally happen that the stored transmitter codes are lost in the receiver. In this case the receiver can be deleted and reprogrammed.

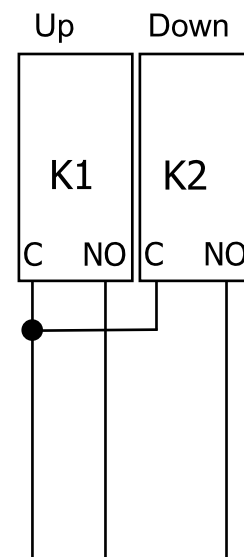
- 1) Open the control box to access the radio receiver and the programming button.
- 2) Press the programming button for approx. 6 seconds. The LED starts to flash.
- 3) Press the programming button again. All stored codes have now been deleted.
- 4) Now learn the remote control again (see p. 8).

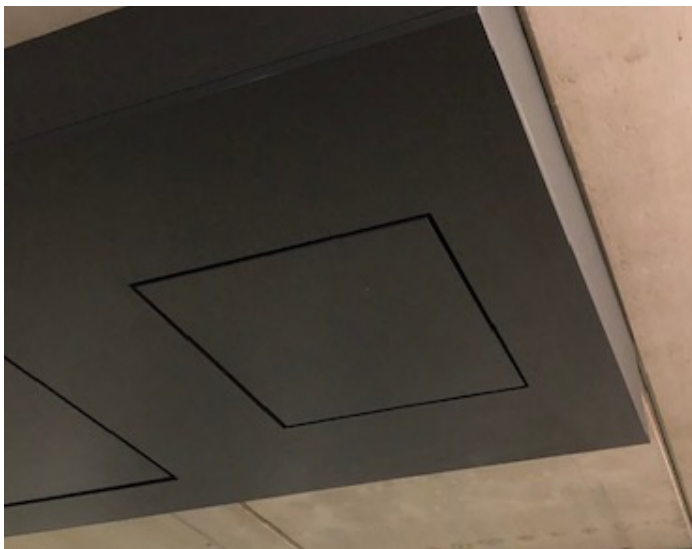
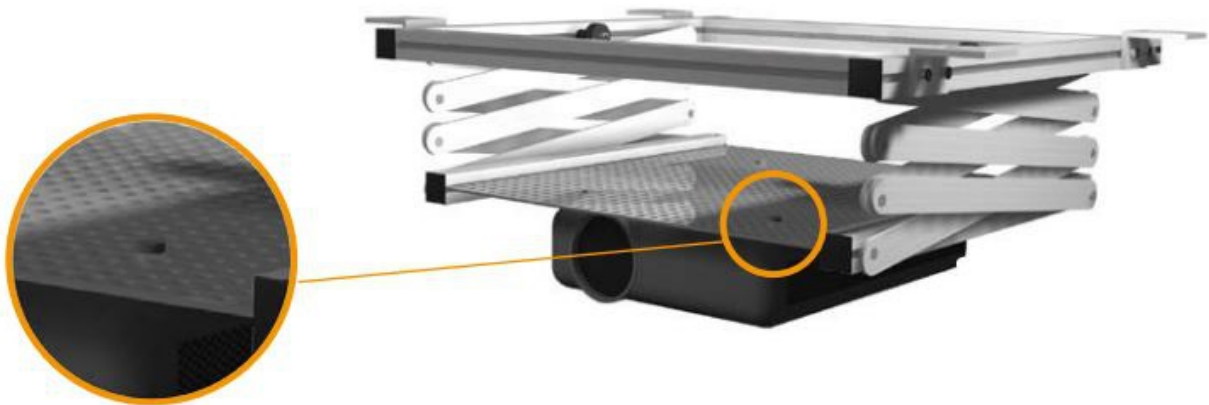
Connection to a room control:

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) on the radio receiver.
- 3) Now connect the brown wire to one of the relay outputs.
- 4) Connect the black wire to the second relay output.
- 5) The brown wire of the 230V power supply is connected as "COM".
- 6) Neutral and PE are connected to the supply.

fig. 3







Fault diagnosis:

If your Flatlift 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?
- > Image too heavy?
- > Possibly radio channel deleted!
- > Programming error on the room control!
- > Endpoints wrongly set!

Have you equipped your Flatlift with a too heavy picture?

- > Relieve your 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

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