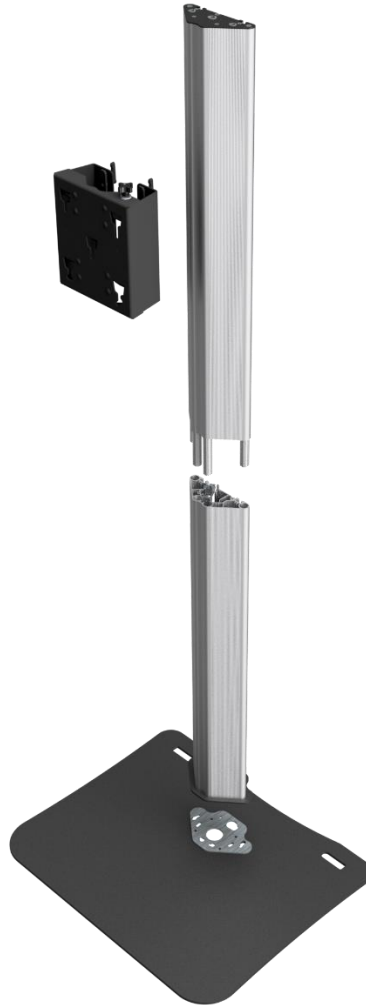


FSD-5001

Designstand for displays

Manual Version 1.0



Date	Revision No.	Author	Checked	Approved	Description
30.08.2023	1.0	TSN	RBR	GJN	First version

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1. Preamble

The FSD-5001 has been developed and manufactured with the highest care and attention. However, improper handling can cause a risk for safety and / or damage. Read these instructions carefully before handling and installing the product so that you can safely enjoy your device. In the following pages, you will find all the needed information for a safe and fast installation. After the installation is done properly, you can enjoy all the features of your new product. Please consider keeping the original box and packaging materials, in case you ever need to ship the product.

Model number: FSD-5001

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1.1 Tools required

For the stand itself, there are no dedicated tools required. However, it makes sense to have a 19 mm wrench in case the tensioning knob might be too tight and difficult to release.



Figure 1 19mm screw wrench

2. Safety instructions



These installation instructions must always be handed over to the person who is carrying out the installation.

Read these instructions carefully before installing the system.

2.1 Warnings



The FSD-5001 Designstand for displays is intended for use by fully qualified, trained and competent persons to provide safe and secure transportation, installation and adjustment of displays.



Warning: Handling only by instructed, qualified and authorised persons with a minimum age 18 years and of sound mind.



For indoor usage only

Only use the product in a closed environment (conference rooms, theatres, convention halls, etc.) where there is no wind, moisture, excessive heat etc.



Make sure that only suitable displays are mounted to this stand! Do not try to use it with unsuitable displays because serious accidents can occur!



Do not remove or replace any parts of the product on your own. Contact the manufacturer or service partner in case of damage or loss. Removing or replacing parts by non-certified companies or people might result in serious accidents and death.

Definition of qualified persons:

Trained/Qualified person

A person can be considered as trained/qualified when it has been thoroughly informed and/or trained about the assigned task and the possible dangers that can occur in case of improper behaviour and / or not observing precisely the installation instructions.

Only use the product and its components for its intended use.

- If this product is used for something else than its intended use, serious accidents and death may result. See chapter 5.1 Intended use.

Installation work should only be carried out by a qualified technician.

- If this product is not installed correctly, serious accidents and death may result.

Do not use the FSD-5001 Stand outdoors.

- This product is made only for indoor usage. If the product is mounted outdoors, there are many influences like wind or rain that can have an effect on the stability of the whole system.
- This can cause property damage, serious accidents and death.

A visual inspection must be done prior to every installation, in which the system is involved. The inspection must be performed by a qualified person.

- All parts of the product must be inspected in detail prior to any usage.
- Only if the stand and all its components are in a flawless condition, it is safe to use the system.
- For further details, see chapter 7. System maintenance and inspection (Re-examination).

- Using a display stand which has damages, missing parts, or similar, can cause serious accidents and death.

Only use displays that are suitable to be used with the stand.

- Make sure that the display is within specifications of the stand, such as weight and diagonal size.
- Ignoring these instructions can cause the display or the whole system to tilt and fall down, causing death, serious injuries, or product damage.

Do not place the FSD-5001 stand on top of unstable or sloped surfaces.

- If the stand is placed on the top of a surface, which is sloped or unstable, it may tip over and injury or damage could result. Make sure that the surface is flat and not sloped and that it can support the overall weight of the stand including display plus the weight of all additional equipment as well as other potential systems.
- Using the product on unstable surfaces can cause serious accidents and death.

Service work shall only be done by qualified personnel, that is authorized by the manufacturer. Furthermore, only original spare parts shall be used.

- Unauthorized personnel shall never do service work on the products, as service work requires special training and knowledge.
- Spare parts must always be original ones, provided by the manufacturer.
- Not observing these rules on service work ends with immediate effect the responsibility of the manufacturer and warranty is irrecoverably lost. The product is no longer safe to use. This may cause serious accidents or death and property damage.

Always make sure that all parts of the stand are securely attached to each other.

- It is necessary that parts are securely assembled.
- Not securely assembled parts may lead to serious accidents and death.

2.2 Caution

Minimum two persons are required to install the FSD-5001.

- With regard to the overall weight of all necessary installation devices, make sure to handle those with at least two people.

Periodic inspections are recommended.

- It is highly recommended to do periodic inspections of the stand and all components.

Use only gentle cleaning agents to avoid damage.

- Cleaning may be done with a soft cloth and a little bit of warm, slightly soapy water.
- Do not use any oil, acid etc. on the stand or its components. This may damage the system.

Incorrect disposal is a risk to humans and nature.

- Disposal must be done in accordance with local laws and regulations. Contact the manufacturer in case of any questions.

2.3 Risk Situations

Risk of injury due to the possibility of falling displays or other parts during the assembly or disassembly of the FSD-5001 stand.

- Protection objective: avoid injury from falling parts.
- Wear appropriate safety shoes and gloves.

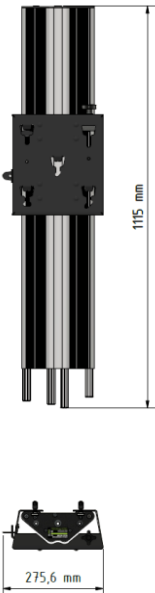
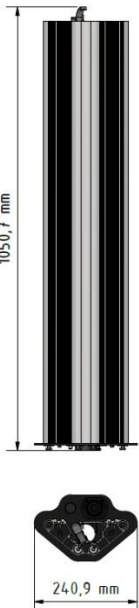
Incorrect installation may lead to certain parts of stand with display or the entire system to tilt and fall down.

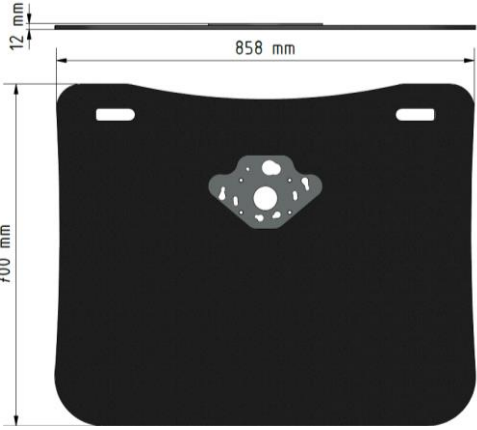
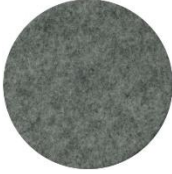

- Protection objective: prevent personal injury and property damage.
- Double check the FSD-5001 with display and their installation.

3. Scope of delivery

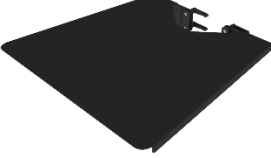

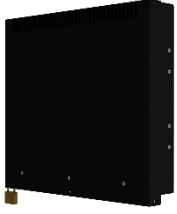


Note: Please check the delivery for completeness and damage immediately after you receive the shipment. Please contact your vendor in case of missing or damaged parts.

	<p>Upper part of the column with mounting head</p> <ul style="list-style-type: none">• Number of units: 1• Weight: 13,5 kg
	<p>Lower part of the column</p> <ul style="list-style-type: none">• Number of units: 1• Weight: 10 kg

	<p>Ground plate</p> <ul style="list-style-type: none">• Number of units: 1• Weight: 36,5 kg
	<p>Felt pad set</p> <ul style="list-style-type: none">• (6 pcs) 70mm x 5mm, self adhesive, grey
	<p>User manual for FSD-5001</p>

4. Optional Accessories

	<p>FSD-5000-A-01 Accessory for FSD-5000 series: Keyboard / Laptop shelf</p>
	<p>FSD-5000-A-02 Accessory for FSD-5000 series: Anti-theft bracket</p>
	<p>FSD-5000-A-03 Accessory for FSD-5000 series: housing for laptop or small PC, mountable on backside</p>

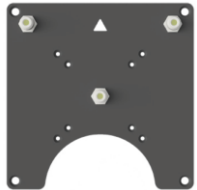



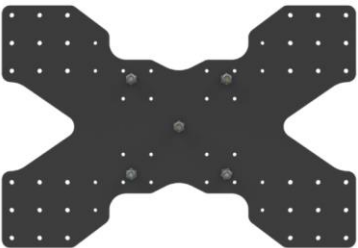



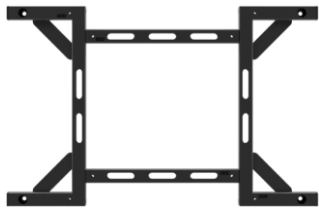

The optional accessories must be purchased separately. They are not included in the standard package.



Make sure to use only approved and recommended accessories.

4.1 Adapter brackets

	<p>ABD-multi201 VESA 200x200, 100x100 and 75x75 on 3-Pin Max. weight up to 60kg Slim design</p>
	<p>ABD-300 VESA 300x300 on 3-Pin Max. weight up to 60kg Slim design</p>
	<p>ABD-multi400 VESA 300x300 and 400x400 on 3-Pin Max. weight up to 60kg Slim design</p>
	<p>ABD-multi405 VESA 400x400 and 300x300 on 5-Pin Max. weight up to 100kg</p>
	<p>ABD-multi600 From VESA 600x400 to 100x100 in 100mm steps on 5-Pin or 3-Pin Max. weight up to 60kg when under VESA 400 Max. weight up to 45kg when VESA 500&600</p>
	<p>ABD-IY400 VESA 400x200 to 3- Pin Max. weight up to 45 kg Slim design</p>

	<p>ABD-644433 VESA 600x400 to 400x400 and 300x300 Max. weight up to 85kg</p>
	<p>ABD-6644 VESA 600x600 to 400x400 Max. weight up to 85kg</p>
	<p>ABD-8444 VESA 800x400 to 400x400 Max. weight up to 100kg</p>
	<p>ABD-8644 VESA 800x600 to 400x400 Max. weight up to 100kg</p>



Note: The above table is an excerpt of available adapter bracket. Please contact us if you are missing a model.

5. Description of the product

5.1 Intended use

The FSD-5001 is a floor stand for professional displays. It is designed and intended to be positioned on the floor. Displays can be mounted with the suitable adapter plate to the mounting head. The mounting head can be adjusted in its height. Optional accessories can be attached to the stand.

The FSD-5001 is intended for use by fully qualified, trained and competent persons to provide safe and secure transportation and installation. The stand, as well as the displays that can be mounted, are made only for indoor usage.

5.2 Specifications

Parameter	Value
Size	See drawing
Weight complete set	60 kg
Maximum display weight	80 kg
Maximum display diagonal size [inch]	86"
Operating temperature [°C]	0 - 45
Operating rel. humidity [%rH]	10 - 75
Operation area	Indoor in closed rooms

6. Setting up the system

6.1 Equipping the ground plate with felt pads (optional)

Figure 2 shows the bottom side of the ground plate and the ideal positions for the felt pads. Depending on the local situations it is recommended to use them.

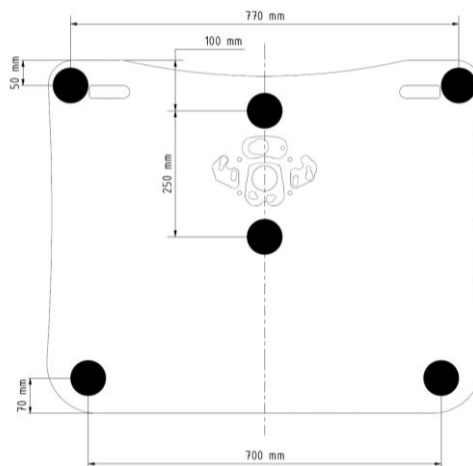


Figure 2 Bottom view of ground plate with felt pad positions

6.2 Assembling the FSD-5001 Stand



Do not place the FSD-5001 stand on top of unstable or sloped surfaces.
Do not use the FSD-5001 Stand outdoors.
Make sure not to clamp your fingers, hands or feet during setup process. Wear appropriate protection equipment (safety shoes, safety gloves).



It is recommended to do the setup with at least two persons.

Step 1: Place the ground plate on the floor. For easier handling, you can use the holes in the groundplate.



Figure 3 Ground plate

Step 2: Place the lower column on the designated position on the ground plate. As illustrated in Figure 4.

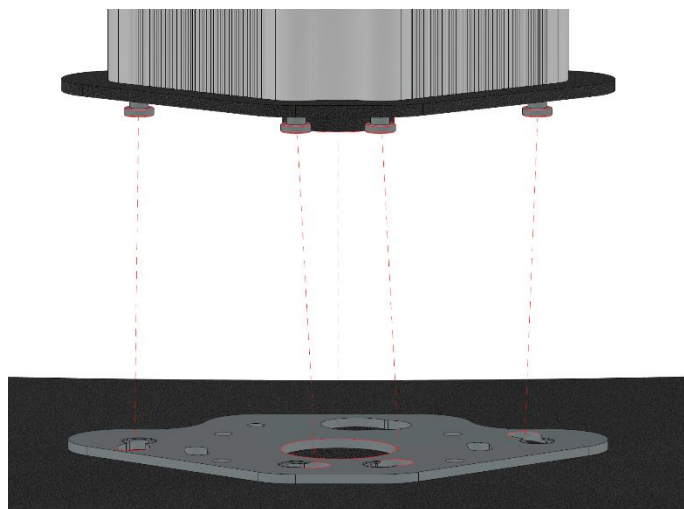


Figure 4 Placing lower column

Note that both parts need to be twisted to each other. Figure 5 shows the twist of approx. 11 degrees between the column and the ground plate.

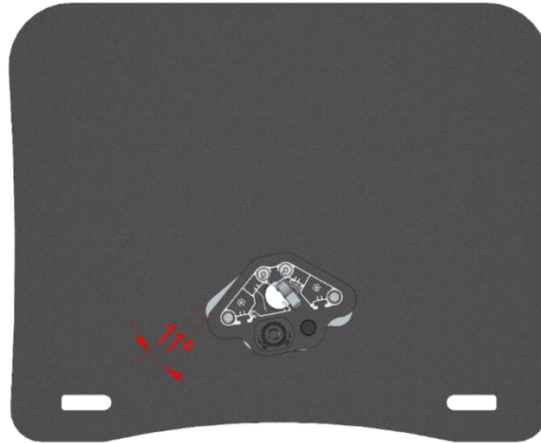


Figure 5 Correct positioning of column when not locked

Step 3: Gently twist the lower column so that the mechanism locks. As you can see in Figure 7, the lower plate of the column fits in its orientation to the plate on top of the ground plate.

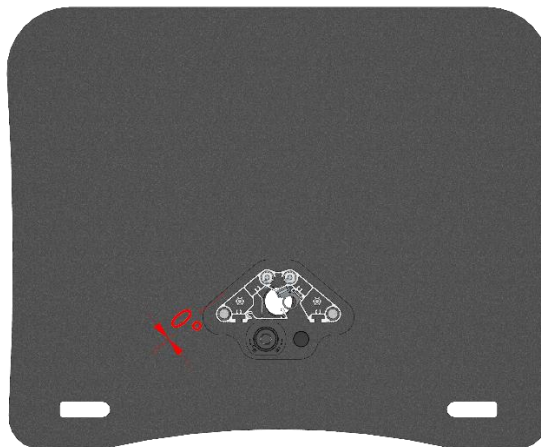


Figure 6 Correct positioning when locked

Figure 7 shows the bottom side for illustration purpose when all parts are locked after twisting.



Figure 7 Twist to lock from bottom view

Furthermore, the locking pin on the backside must be in its locked position. This means the pin is inserted and you can no longer see the red marking. See Figure 8 which shows the locking pin when it is unlocked. The red marking is visible.

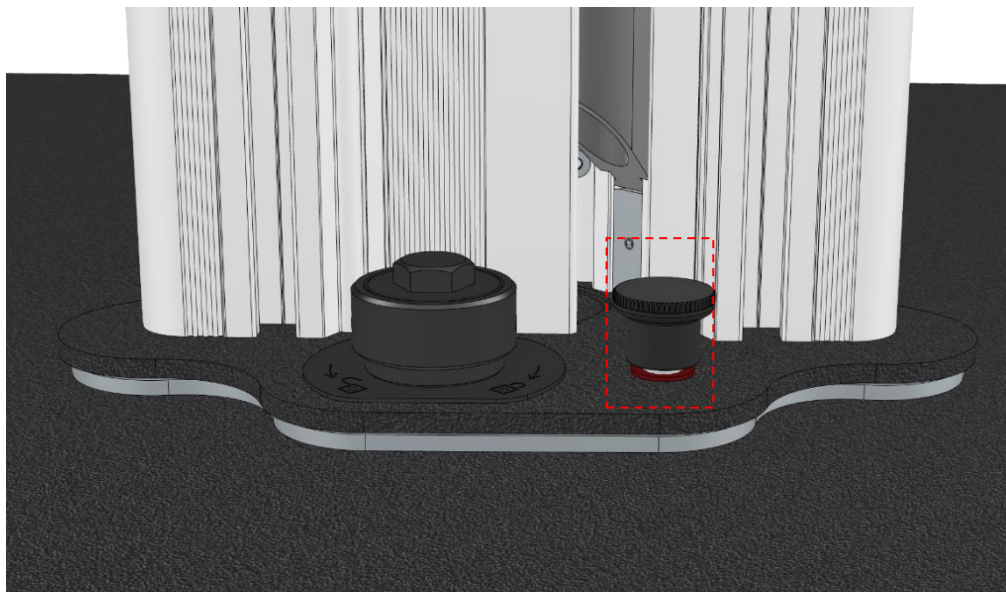


Figure 8 Locking pin in unlocked position

Additionally, Figure 9 shows the locking pin when it is in its locked position. The whole piece is moved down, and the red marking is no longer visible.

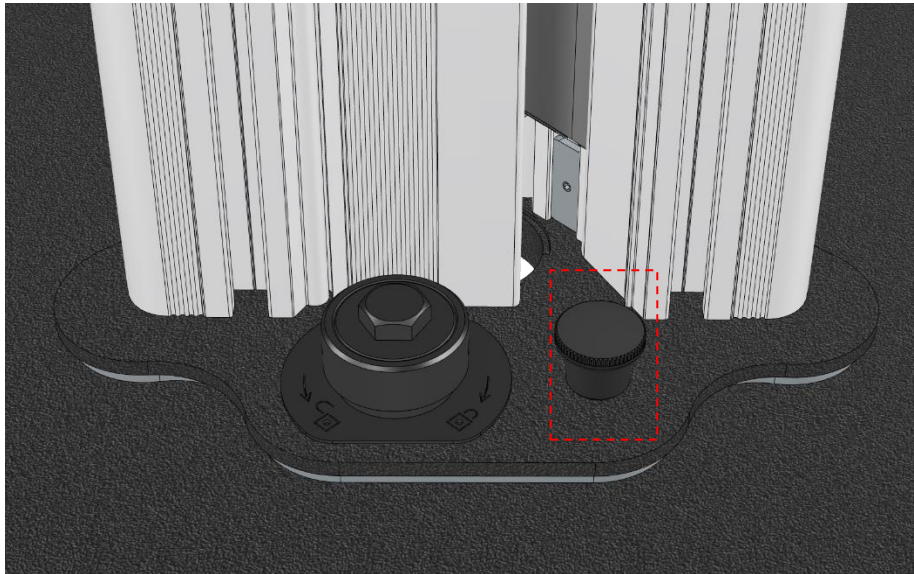


Figure 9 Locking pin in locked position



Make sure that the locking mechanism between lower column and ground plate is inserted correctly and locked!

Step 4: Place the top column on the lower column. Lock the fastener between the two columns.

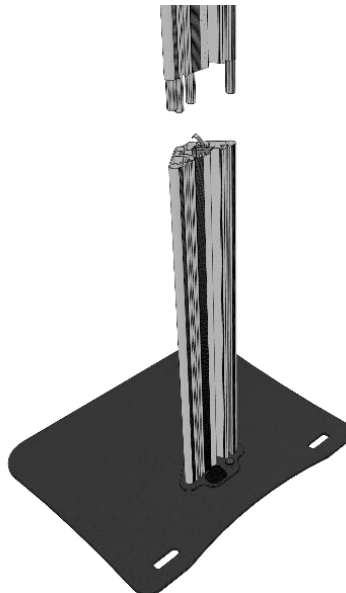


Figure 10 Positioning of the top column

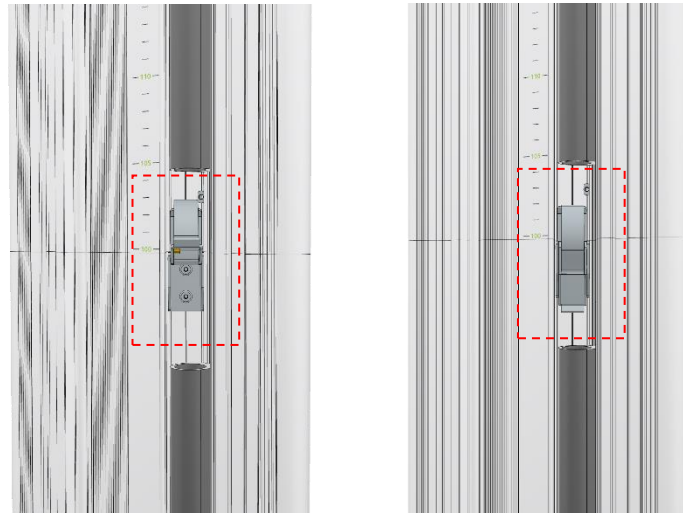


Figure 11 Fastener between the columns (left unlocked, right locked)



Figure 12 open Fastener

To have an easy dismantling of the columns, we recommend to open the fastener as shown in the right picture Figure 12.

Step 5: If not already preinstalled, position the mounting head over the top column and let it slide into the corresponding nut channels of the column. See Figure 13.



Figure 13 Mounting head

Secure the mounting head at the desired height by tightening all four clamping levers on the backside of the mounting head.

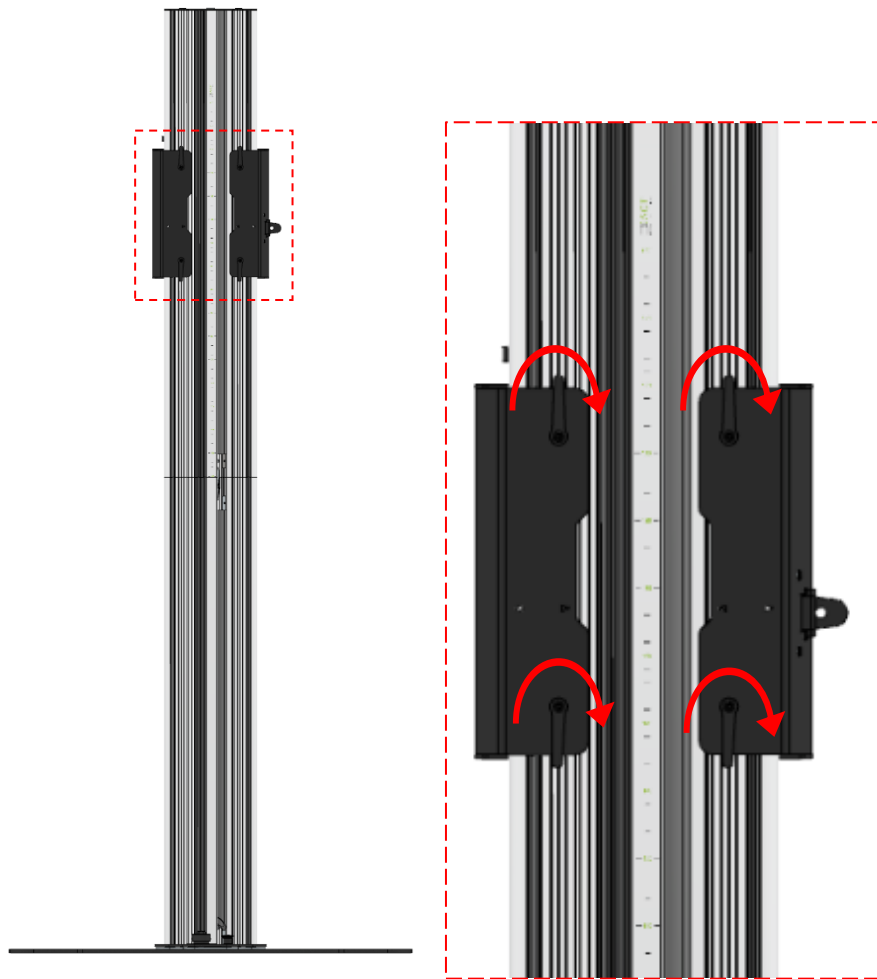


Figure 14 Clamping lever on mounting head



Make sure that the mounting head is correctly inserted in the nut channels of the columns. Also make sure that all four clamping levers are securely fastened.

Step 6: Finally, use the tension knob at the bottom part of the lower column to reduce the play between the columns and the ground plate, by tightening it by hand clockwise.

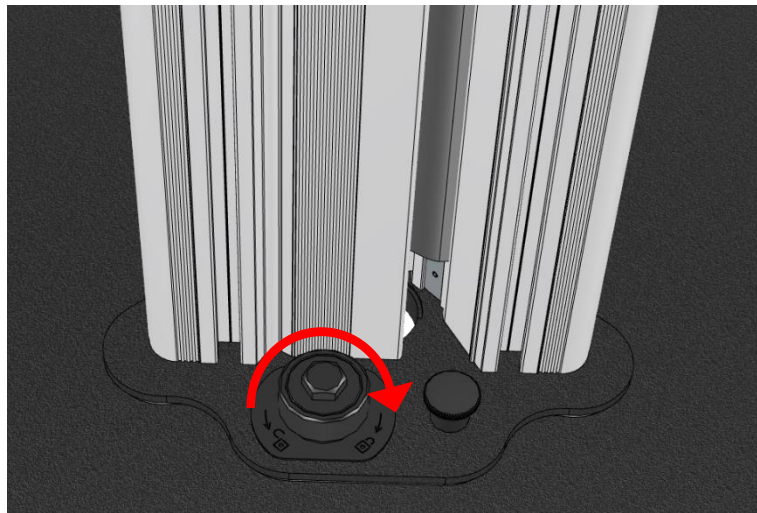


Figure 15 Tensioning knob

6.2 Installing the display



Make sure that only suitable displays are mounted to this stand! Do not try to use it with unsuitable displays because serious accidents can occur!

Install a suitable mounting bracket to the display. The mounting bracket can either have 3 Pins or 5 Pins to connect to the stand. See also chapter 4.1 Adapter brackets. Make sure to lift the display with a reasonable amount of persons or with a lifting tool.

Before you can mount the display, make sure that the unhinge safety mechanism is in its unlocked position (see Figure 16).

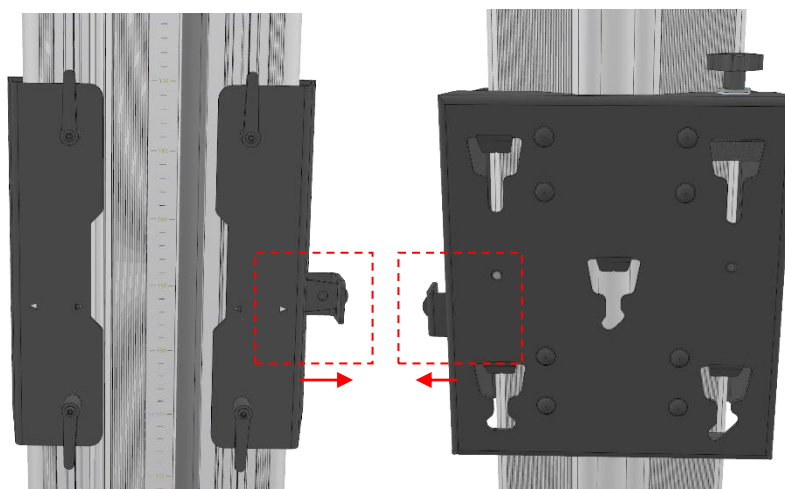


Figure 16 Unhinge mechanism unlocked

First the 3 or 5 pins of the adapter bracket need to be in the correct position of the mounting head where the key holes have a wider opening. After that the display with the adapter bracket can be moved downwards so that the pins slide into the more narrow part of the key holes. With this, the display is in its designated position. Below figures illustrate the process with an exemplary, semi transparent, 5 pin adapter bracket.

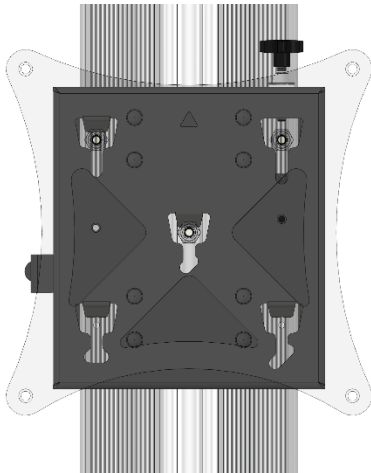


Figure 17 Pins moving in wide opening

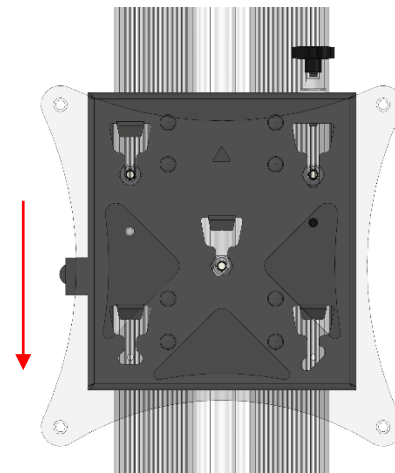


Figure 18 Pins moving down into narrow part



Make sure that the 3 or 5 Pins of the mounting bracket are at the correct position so that the display is securely mounted.

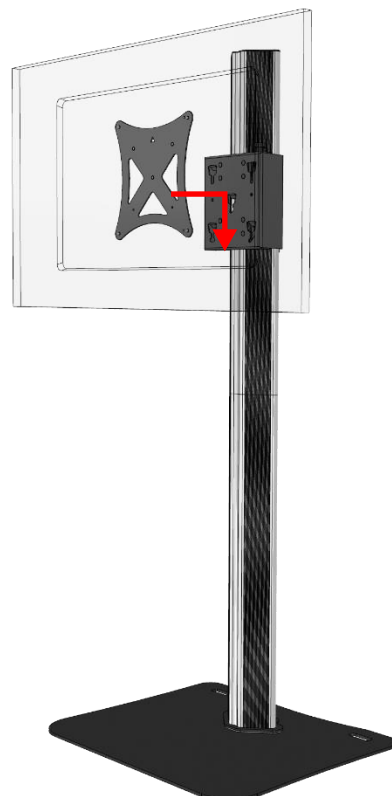


Figure 19 Installing the display

Once the display is in the designated position, secure the connection by locking the unhinge safety mechanism.

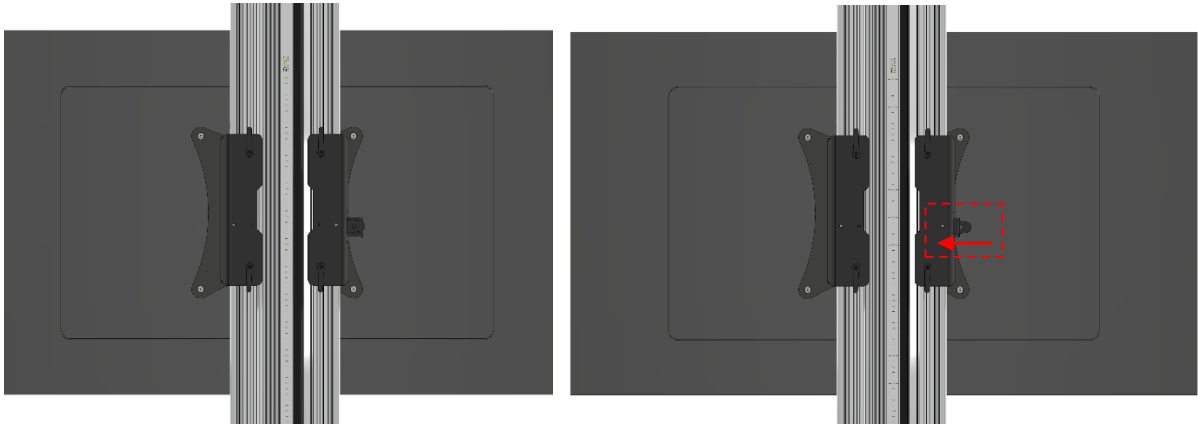


Figure 20 Unhinge mechanism, left side unlocked, right side locked

If necessary, you can use the knob (see on top of the mounting head to adjust the horizontal tilting of the display).

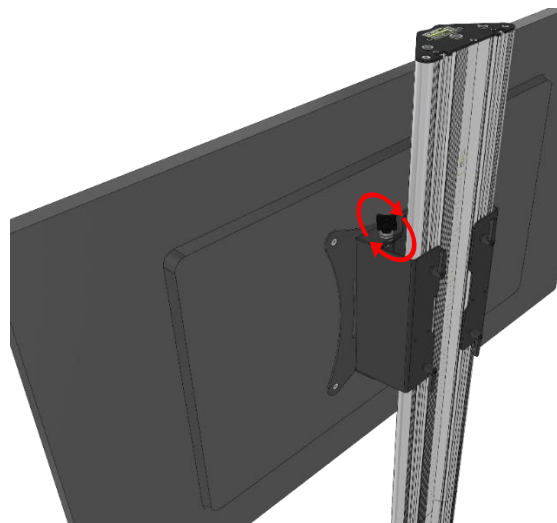


Figure 21 Mounting head adjustment knob

If needed, the unhinge safety mechanism can be secured using a padlock. (The padlock is not provided and must be purchased separately).

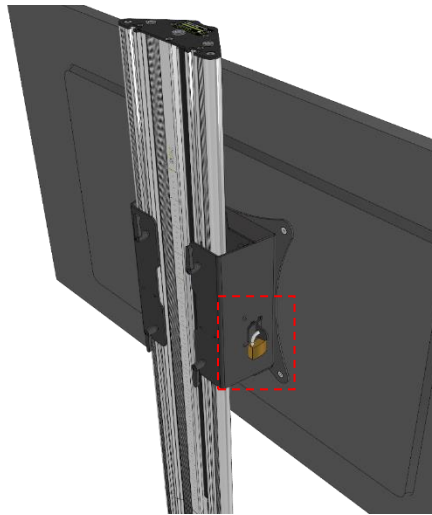


Figure 22 Padlock Position

7. System maintenance and inspection (Re-examination)



The FSD-5001 does not require special maintenance but a visual inspection **must be done prior to every installation** in which the system is involved. The inspection must be done by a qualified person!



If one notices any sort of damage, stop using the product and contact the manufacturer. Do not keep using a product with damaged or faulty parts!



Do not exchange broken or malfunctioning parts with ones that are not accredited by the manufacturer because serious injuries and property damage can occur!

During the inspection, it has to be validated that no part of the system shows any visual damage. Such a damage could be bendings, dents etc. Make sure that all five connection points between lower column and ground plate are in flawless condition.

Make sure that the following parts can be used smoothly and show no damage:

- Tensioning knob and locking pin at the Twist an Lock mechanism
- Fastener between columns
- Clamping lever as well as unhinge safety mechanism on mounting head

Check that all four guiding rods are clean and without damage.

If necessary, clean parts with a soft cloth and warm soapy water. Do not use any lubricants at any time.

8. Disposal of components

8.1 Metal parts and packaging

All metal parts and packaging can be recycled.

8.2 Disposal of entire devices

You have the possibility to send old devices back to us. Please note that you have to take over the transportation costs for this. Please send the devices to:

EXACT solutions GmbH

Lustheide 85

51427 Bergisch Gladbach

GERMANY

Imprint

EXACT solutions GmbH

Lustheide 85

51427 Bergisch Gladbach

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E-Mail: info@exactsolutions.de

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