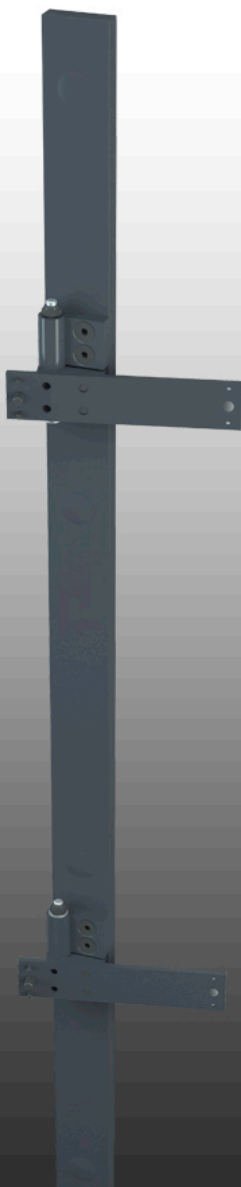


K&F VIDA L Wall Bracket



User's Manual

Translation of the original instructions

Version 1.8

Released: 17.04.2018



**Important Information,
Please Read Before Use!**

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1. Introduction

Thank you for purchasing a KLING & FREITAG product. To guarantee trouble-free operation and enable the KLING & FREITAG VIDA L speaker system to achieve its full potential, read these user's manual carefully before use. This item is a quality accessory for the VIDA L speaker system.

1.1 Icons Used



Warning



Caution



Tip

This icon indicates a risk of injury or death. Not following these instructions may result in serious health problems including potentially fatal injuries.

This icon indicates a possibly dangerous situation. Not following these instructions may cause minor injuries or damage.

This icon marks instructions for proper use of the described products. Not following these instructions may cause malfunctions or damage.

This icon marks information provided for simplified use of the described products.

1.2 About this Manual

© KLING & FREITAG GmbH. All rights reserved.

All specifications regarding the features of the described products and applicable safety guidelines provided in this manual are based on information available at the time of publishing.

We assume no responsibility for technical specifications, dimensions, weights, and properties.

All information in this manual is subject to change without notice.

To ensure safe operation, all persons using the speaker accessories must have access to this guide and all other relevant material during installation. The speaker accessories must not be set up nor operated unless this manual has been read, understood and kept readily available on site.

All KLING & FREITAG manuals are originally authored in German.

KLING & FREITAG spare manuals are separately available for order or can be downloaded from our website: www.kling-freitag.de.

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Phone +49 511 96 99 70, fax +49 511 67 37 94 (other countries)

2. Product Description

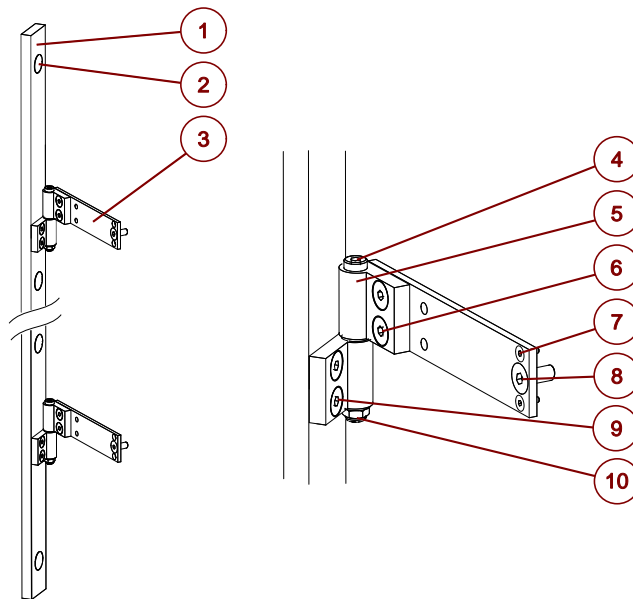
Using the VIDA L wall bracket, you can fasten your speaker to the wall securely and with an attractive appearance.

Thanks to the compact and flexible bracket design, you can accomplish any useful speaker orientation.

2.1 Items Included

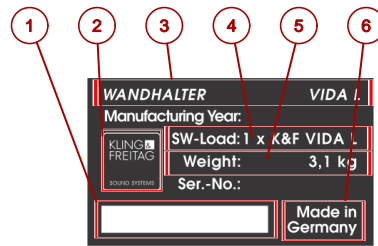
- (1x) K&F VIDA L Wall Bracket
- (1x) User manual

2.2 Overview of VIDA L Wall-bracket Parts



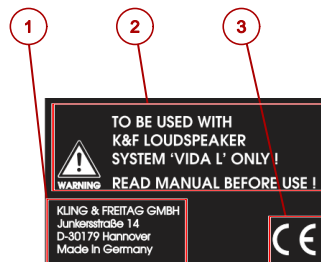
1. (1x) Wall bar
2. (4x) Filler plug
3. (2x) Mounting plate
4. (2x) M8 x 90 Allen screw (axle bolt, with washer)
5. (4x) Hinge leaves
6. (4x) M8 x 20 Allen screw for fixing the hinge leaves to the mounting plate
7. (8x) M4 x 12 Allen screw
8. (4x) M8 x 16 Allen screw for fixing the mounting plate to VIDA L
9. (4x) M8 x 25 Allen screw for fixing the hinge leaves to the wall bar
10. (2x) Self-locking nut, with washer

2.3 Identification plate



1. Serial number
2. Manufacturer logo
3. Product name
4. Maximum load capacity
5. Weight
6. Country of manufacture

2.4 Label



1. Manufacturer address
2. Safety Instructions
3. CE mark

3. Intended Use

For commercial use with a VIDA L speaker in interior spaces as specified in this document only!

Never use the wall-bracket parts separately. For example, you may not mount the hinges without the wall bar to a wall. Have a qualified expert verify and certify the anchor stability before installation.

Never use speaker accessories for safeguarding persons or objects other than the above speakers.

The speaker accessories are protected against the effects of unfavorable temporary weather conditions, etc.; however, the items are designed for permanent indoor use only!

Any other use not described in this document is not an intended use

4. Safety Instructions

4.1 Mounting the Speakers / Wall Installation



Warning

Suspended loads pose a safety risk.

Have all installation works including suspension as well as wall or ceiling mount performed by qualified event technicians or appropriately trained persons.

Only qualified technicians are permitted to perform the installation steps. Be sure to use personal protective equipment at all times.

The technicians installing the speaker on site are responsible for and guarantee safe setup and use.

Installing and dismantling the speaker system requires two persons or a suitable lift for carrying and handling.

Before installing, check the stability, strength, and materials of walls, ceilings, and boarding. For example, use suitable rawlplugs for wall panels and make sure the strength is sufficient.

Note that the suspension points on the hall ceiling (i.e. shackles, attachment points, or chain hoists) must comply with the DGUV regulations 17 or similar locally applicable accident-control standards. The maximum load must have been certified by an authorized expert.

Be sure to tighten all bolts and screws to the specified torque.

Unless otherwise stated, use only KLING & FREITAG original parts for mounting the speakers. Never use other parts (in particular, parts not made by KLING & FREITAG).

Make sure all fittings used are suitable for the task at hand and meet all relevant safety requirements.

Ensure that all connections are secured against coming loose and that only authorized, statically tested and correctly sized supports, mounting equipment, wire ropes and chains are used.

Be sure to always visually inspect all safety-related speaker and accessory components before use. If there are signs of wear, cracks, or deformation, etc., replace the affected parts immediately. Visual inspection also includes checking all screwed connections of supporting components.

The information described here does not relieve the user of the duty to follow the given safety requirements and legal regulations.

5. Installation

Danger! Risk of injury from falling objects!

Improperly mounted speakers are not safe for suspending. Objects falling down impose a deadly risk for people standing near-by!



Be sure to align all speaker accessories vertically.

No VIDA C must be attached to a VIDA L speaker before wall mounting.

Setting up the speaker system requires two persons or a suitable lift for carrying and handling.



We recommend pre-mounting and checking the entire configuration on the ground before wall mounting. When doing so, you only need to remove the pins from the hinges before starting the actual wall installation.

When performing the test, make sure the upper and lower ends of the wall bar are flush with the speaker; if this cannot be achieved, the wall bar has been mounted upside down. Of course, you mount the wall bar that way; doing so will not affect safety and security.

We recommend using a suitable lift for installation.

5.1 Required Tools

The following tools are required for mounting the VIDA L speaker to the wall bracket:

- Cable operation, chain hoist or installation lift (recommended)
- Allen wrench (6 mm)
- **For mounting the speaker to the wall bracket:** 5-mm Allen key, 13-mm wrench
- **For wall mounting:** tools required for suitable fixings used for mounting the VIDA L wall bracket(s)

5.2 Mounting Techniques

Before performing the actual wall mounting, you need to decide on which side the stop will be and how you are going to attach the speaker to the wall bar.

There are two different mounting procedures:

- Pendant mount
- Upright mount

5.2.1 Pendant Mount

The speaker leaf will be located below the wall-bar leaf.

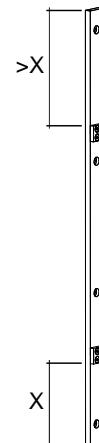
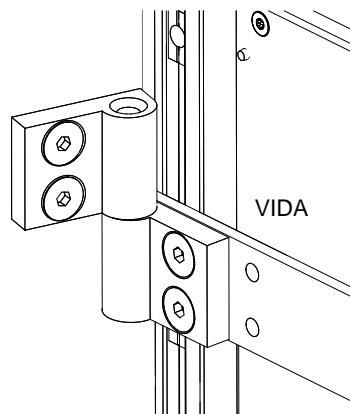
Wall-bracket position:

When using this mounting technique, you need to make sure that the upper distance between the bar edge and the bar leaf is **larger** than the lower distance.



Tip

If you want to mount multiple speakers evenly on top of each other, you need to mount the topmost speaker first. Next, for each additional speaker, lift the speaker to the array bottom, then connect and secure the hinges using the pin.



5.2.2 Upright Mount

The speaker leaf will be located above the wall-bar leaf.

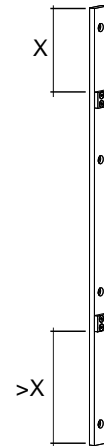
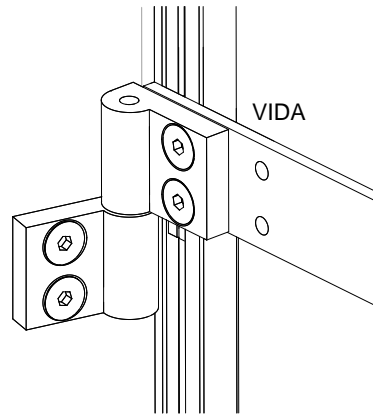
Wall-bracket position:

Make sure that the upper distance between the bar edge and the bar leaf is **smaller** than the lower distance.



Tip

If you want to mount multiple speakers evenly on top of each other, you need to mount the bottom speaker first. Next, for each additional speaker, lower the speaker to the array top, then connect and secure the hinges using the pin.



5.3 Mounting the Wall Bar



Warning

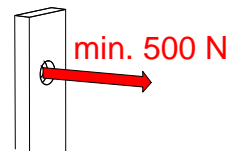
Danger! Risk of injury from falling objects!

Improperly mounted speakers are not safe for suspending. Objects falling down impose a deadly risk for people standing near-by!

Using fixings unsuitable for the type of wall may result in the speaker falling down.

Before installation, examine the quality of the wall you intend to mount the VIDA L to. Provide a sufficient quantity of fittings suitable for the purpose.

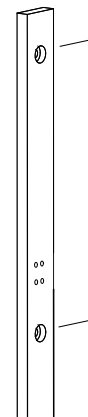
Note that pull-out forces of up to 500 N will act upon the anchor points. Have the wall structure and the anchoring stability specifically certified.



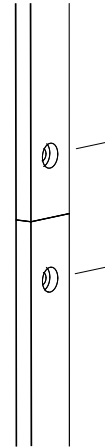
To ensure easy wall-bar mounting to the wall and guarantee the stability of the overall configuration, be sure to use an even wall. If necessary, provide sufficient furring using suitable materials.

- 1) The wall bar is mounted to the wall through the 4 bores that are 10.5 mm in diameter!

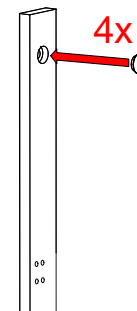
The vertical distance of the 4 drilled holes in the wall must be **325 mm**.



- 2) If you want to mount multiple wall brackets one below the other, the distance from the lower hole of the upper bracket and the upper hole of the lower bracket will be **102 mm**.



- 3) After mounting the wall bracket to the wall, insert the filler plugs into the wall-bracket bores.

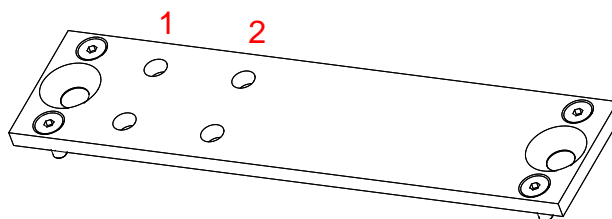


5.4 Mounting the Mounting Plate to the Speaker

Notice

When mounting the speaker leaves, make sure that the pins point outwards. You may also point them inwards; however, since this approach leaves hardly any space for fixing the axle bolts later, thus reducing the speaker-rotation angle to a minimum, we discourage from using it even though that mounting approach is still secure and visually appealing.

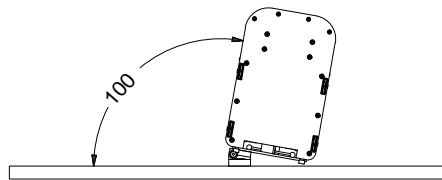
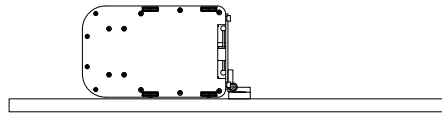
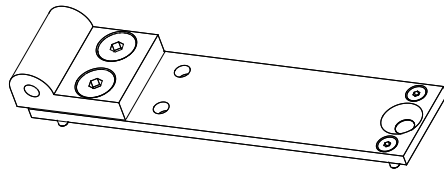
Depending on the speaker orientation angle, the wall bracket may be hidden by the speaker.



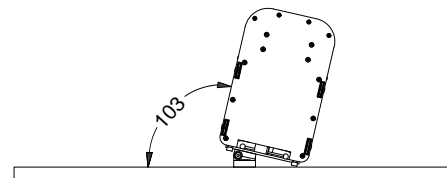
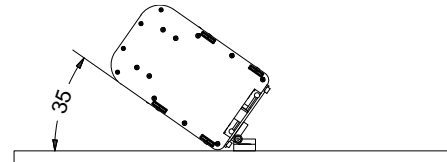
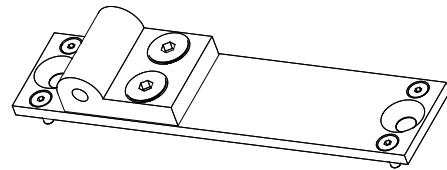
Mounting a hinge leaf at position 1 (axis on the outside) results in a speaker-rotation angle of 0 – 100°.

Mounting a hinge leaf at position 2 (axis on the outside) results in a speaker-rotation angle of 35 – 103°.

Position 1:



Position 2:


Notice

We recommend using position 2 unless you need to establish an angle of less than 35° between the wall and the speaker. In this case, the speaker will fully hide the wall bracket.

5.5 Mounting the Speaker to the Wall Bracket

You will need a suitable lift for mounting the speaker.


Tip

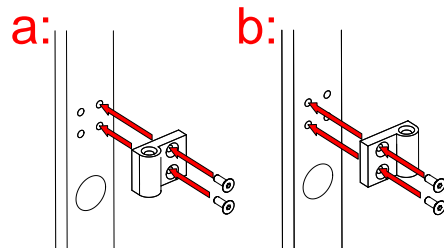
- 1) Note that the wall bracket needs to be aligned depending on the mounting technique.

For **left alignment**, choose **orientation a**.

For **right alignment**, choose **orientation b**.

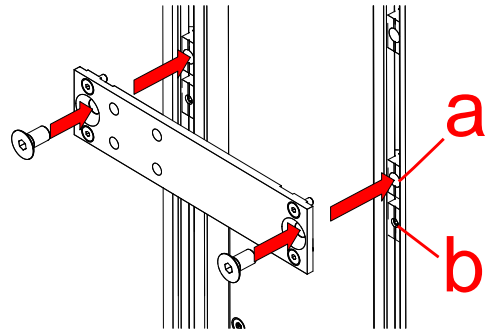
(As an example, we show how to mount the bracket for right alignment.)

Screw the two hinge leaves with the M8 x 25 screws to the wall bar.

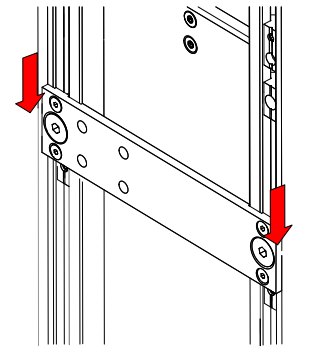


- 2) a: M8 slot nut oriented inwards (i.e. towards the speaker center)
b: stop

Fix the two mounting plates onto the speaker by loosely screwing them to the movable inner holders with the M8 x 16 screws.

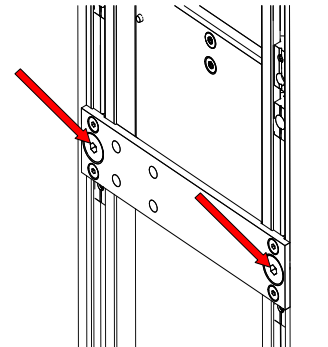


- 3) Push the mounting plate against the fastened inner slot nut until it stops.



- 4) Be sure to fasten the mounting-plate screws firmly.

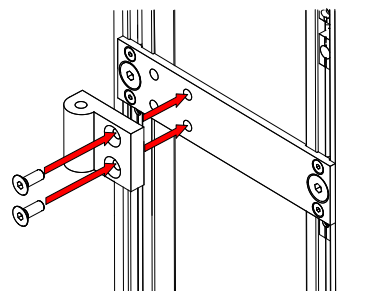
Torque: 16Nm



- 5) Mount the other hinge parts to the mounting plate.

Note that each hinge-leaf mounting position slightly affects the angle yet hides the wall bracket in a different way.

Decide which mounting position suits you most, then fasten the second leaf with the M8 x 20 screws.

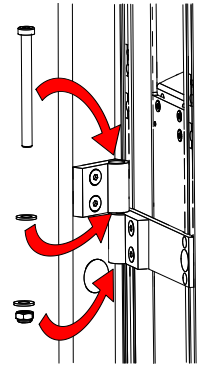


- 6) With pendant mount, move the speaker using a suitable lift. Make sure the speaker leaves slide **below** the leaves of the wall-mounted bracket.

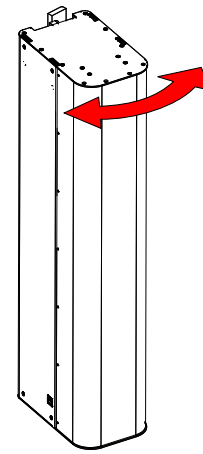
With upright mount, be sure to place the speaker leaves **onto** the wall-bracket leaves.

Insert the pin into the hinge from top. Place a washer between the leaves.

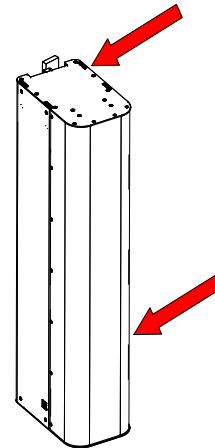
Secure the connection by mounting another washer and the self-locking nut at the leaf bottom.



- 7) Orientate the speakers as desired.



- 8) Fasten the hinge nuts.



Repeat steps 1–8 for mounting another speaker.

If you want to align multiple stacked speakers, just slide the connecting adapters of each speaker into the corresponding bores of the speaker on top of it. However, when doing so, note that you cannot loosen those connections without unmounting the speakers.

6. Dismounting



Warning

Danger! Risk of injury from falling objects!

Before loosening a speaker screw, be sure to relieve the interface area.

For that purpose, we recommend using an installation lift.

Dismounting the speaker system requires two persons or a suitable lift for carrying and handling.

Basically, dismounting the speakers is performed in reverse order of the installation process.



Tip

When dismounting is completed, store all speakers and accessories in the transportation case. This way, they cannot get lost and are always at hand when needed. In addition, the parts are protected at least temporarily against the effects of unfavorable weather conditions, etc.

With a pendant configuration, when the speakers are stacked with the connecting adapters engaged, you cannot open the connection.

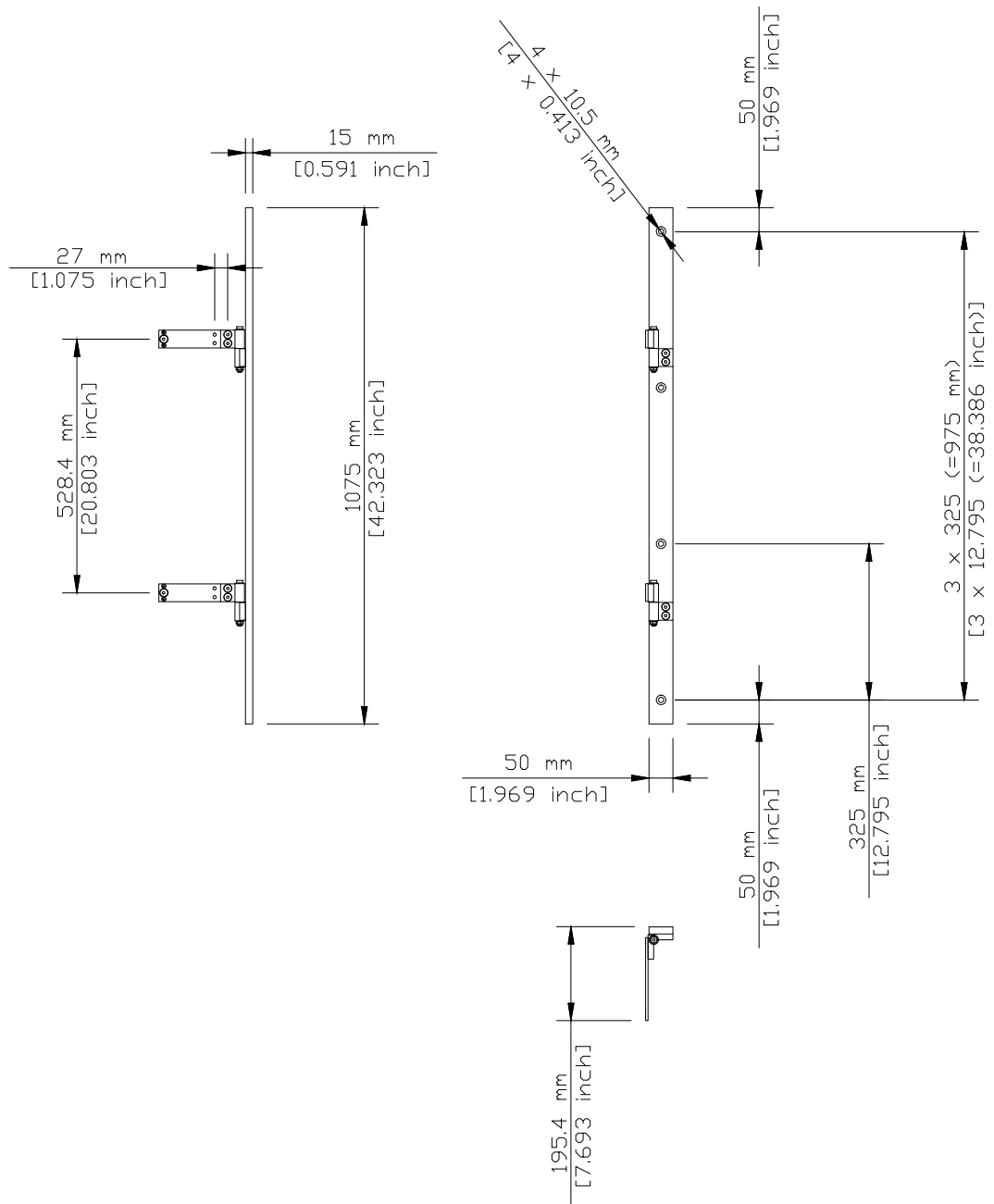
With upright mount (see page 9), when unmounting the configuration, start by removing the speaker at the top.

With pendant mount (see page 9), when unmounting the configuration, start by removing the speaker at the bottom.

1. Slightly lift the speaker to relieve the wall bracket.
2. Loosen the connecting bolts at the hinges.
3. Remove the connecting bolts from the hinges.
4. Lift up and remove the speaker. If necessary, remove the mounting plate from the speaker.
5. Remove the filler plugs from the wall bar.
6. Remove the wall-bracket bolts or drywall anchors, then unmount the bracket from the wall.

7. Dimensions and Weight

Weight: 3.1 kg



8. Transportation and Storage

All metal components are protected against short-term moisture. Despite, be sure to store, transport, and use the accessories in dry environments only. The speaker accessories must not be used permanently in corrosive environments.

Make sure that the system is adequately ventilated during longer storage periods so any residual moisture can escape from the equipment.

In addition, protect all system parts and VIDA L accessories from mechanical strains in order to prevent damage.

9. Care and Maintenance



Warning

For the owner and user, it is mandatory to be aware that speaker accessories used to fly or mount the speakers are fundamentally safety-relevant.

Over time, the accessories may exhibit signs of wear, for example, from mechanical strain, transport damage, corrosion, or improper handling.

As a basic principle, you must visually inspect the speaker accessory before and after you use it. For fixed installations, you must inspect it for signs of wear at regular intervals.

When performing those checks, particularly look for deformations, cracks, dents, damage to threads, and corrosion. Also check slings and lifts carefully for wear and deformation.

If as a result of these checks any uncertainty should arise with regard to safety or if specific faults are found, stop using the accessories and send in the product to KLING & FREITAG GmbH for inspection and repairs, if necessary.

Inspection regulations may vary depending on application and country of use. Observe all applicable regulations; when in doubt, contact the local authorities.

Many countries require regular inspection of mounting components and accessories. An additional annual inspection is typically required to be performed by a technical expert. Moreover, a legally certified or official authority must perform a detailed inspection every four years.

Therefore, be sure to maintain an inspection log. Enter the values determined for each speaker and accessory during the periodic checks into this log. This way, relevant data are always at hand in case of inspection. The log should also document maintenance measures and inspection intervals and contain parts lists.

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