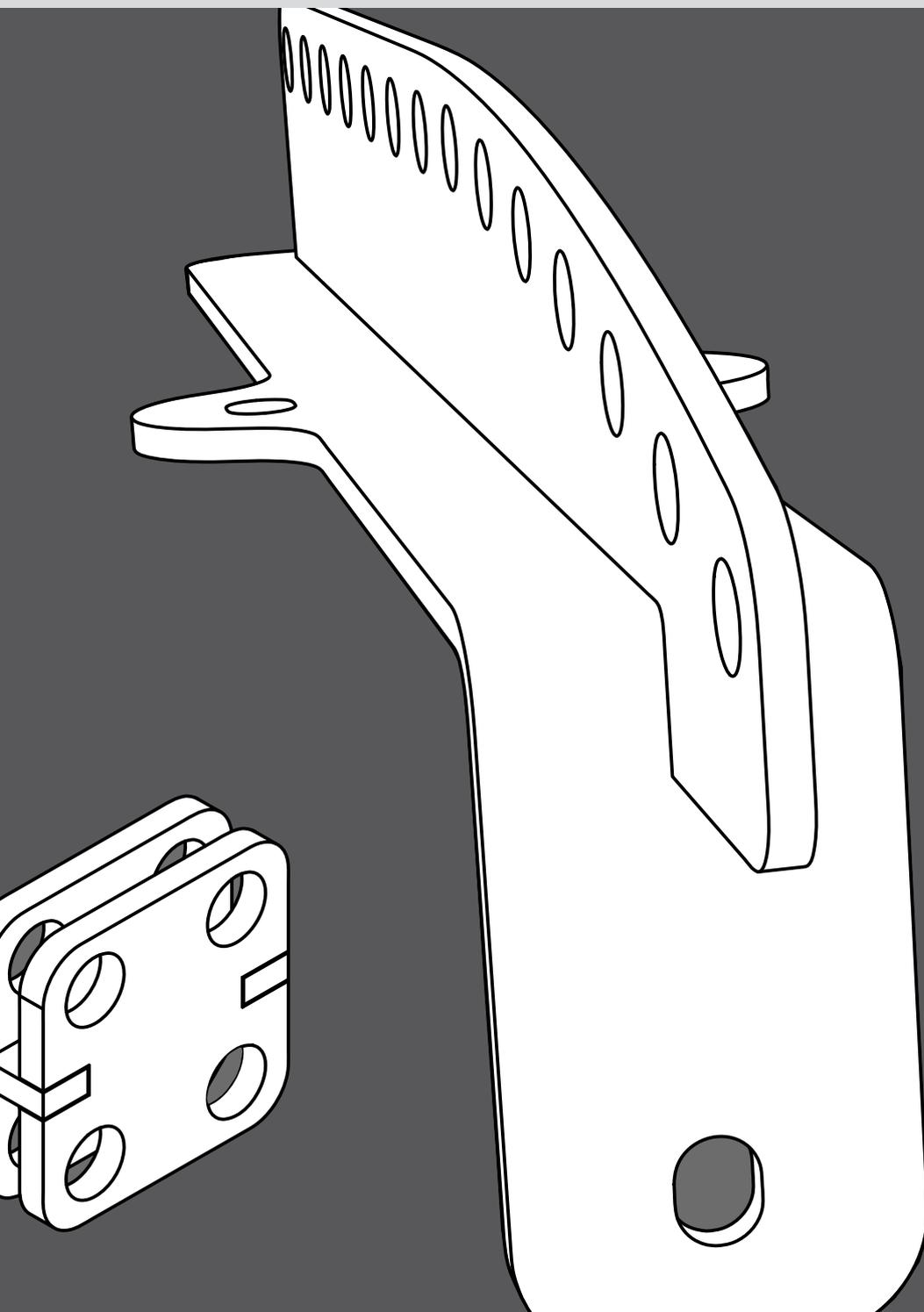


Z

Z5384/Z5551

Mounting instructions 1.5 en



General information

Z5384/Z5551 Mounting instructions

Version: 1.5 en, 09/2021, D2822.EN .01

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General safety

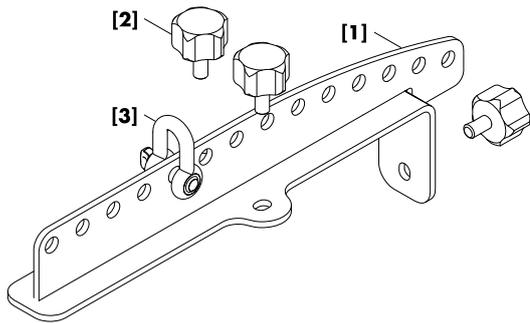
- Installation and setup should only be carried out by qualified and authorized personnel observing the valid national Rules for the Prevention of Accidents (RPA).
- It is the responsibility of the person installing the assembly to ensure that the suspension/fixing points are suitable for the intended use.
- Always carry out a visual and functional inspection of the items before use. In case there is any doubt as to the proper functioning and safety of the items, these must be withdrawn from use immediately.

Load safety information

The maximum permitted working load of the Flying adapter corresponds to a weight of a maximum of two V-Point or Vi-Point cabinets flown one below the other.

No additional loads must be added.

2 Z5384 VP Flying adapter

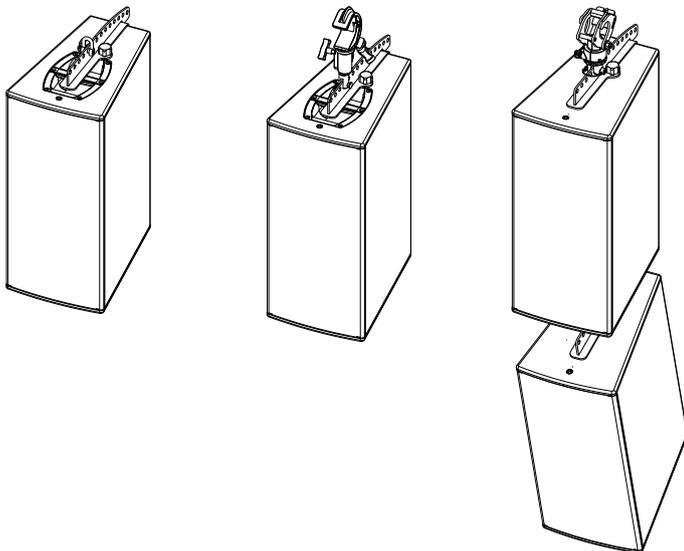


2.1 Z5384 Scope of supply and weight

Please verify the shipment for completeness and proper condition of the items.

Qty.	d&b Code	Description
1	Z5384	VP Flying adapter [1]
Including:		
3		Hand bolts [2]
1		1t Shackle [3]
1	D2822.EN .01	Z5384 Mounting instructions

Weight 1.5 kg (3.5 lb)



Rigging examples*

* **Shown:** V-Point/Vi-Point cabinets.

These rigging examples also apply to 24S/24S-D cabinets.

2.2 Z5384 Intended use

The d&b Z5384 VP Flying adapter must only be used in connection with d&b V-Point/Vi-Point and d&b 24S/24S-D cabinets as described in these mounting instructions.

The Flying adapter can be used with the following rigging components:



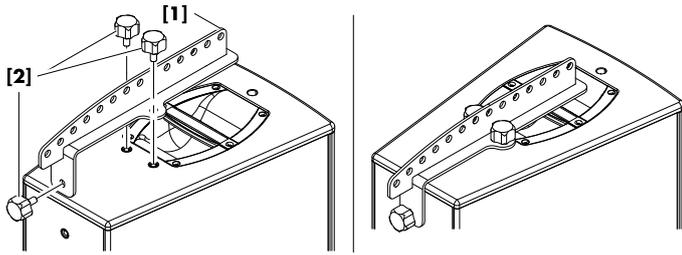
WARNING!

Potential risk of personal injury and/or damage to material!

Observe the maximum permitted load of the related accessories as stated in the respective manuals/mounting instructions.

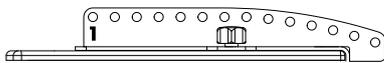
- Together with the supplied E6507 1t Shackle to suspend the cabinets using a steel wire rope or chain.
- Together with the d&b Z5015 TV spigot and Z5012 Pipe clamp to attach a **single** cabinet to overhead bars or truss with a tube diameter of up to 70 mm (2.75").
Alternatively, the d&b Z5147 Rota clamp can be used.
- Together with the optional d&b Z5551 VP Flying adapter link to set up a vertical array consisting of a **maximum of two (2)** cabinets.

In this case, the d&b Z5015 TV spigot and Z5012 Pipe clamp **MUST NOT** be used to suspend the array.
We recommend you, to use the d&b Z5147 Rota clamp for this purpose, as shown in the graphic opposite.



Assembly*

* **Shown:** V-Point cabinet. The same assembly procedure applies to Vi-Point and 24S/24S-D cabinets.



2.3 Z5384 Assembly

1. Attach the adapter [1] to the top panel of the cabinet as shown in the graphic opposite.
2. Fix the adapter using the three hand bolts [2].
 - ↳ Ensure the hand bolts are properly tightened before lifting any load.

2.4 Z5384 Adjustments

Vertical aiming

The adapter provides 14 locating holes (12.5 mm) to allow a single cabinet to be set to specified vertical angles as listed in the table below. The vertical angle is related to the center of gravity of the cabinet.

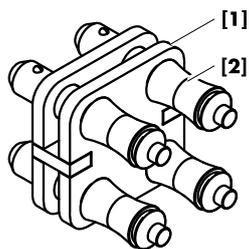
Hole grid	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Angle (°)* VP/ViP	+17	+13	+8.5	+4.5	0	-4.5	-8.5	-13	-17	-21	-25	-29	-33	-36
Angle (°)* 24S/24S-D	+18	+14.5	+10.5	+6.5	+2.5	-1.5	-5.5	-9.5	-13	-17	-21	-25	-28.5	-32

* **Positive value:** Cabinet points upwards. **Negative value:** Cabinet points downwards.

Horizontal aiming

The horizontal aiming is adjusted at the suspension point.

3 Z5551 VP Flying adapter link



3.1 Z5551 Scope of supply

Please verify the shipment for completeness and proper condition of the items.

Qty.	d&b Code	Description
1	Z5551	VP Flying adapter link [1]
Including:		
4		Locking pins [2] , linked in pairs with steel wires.

3.2 Z5551 Intended use

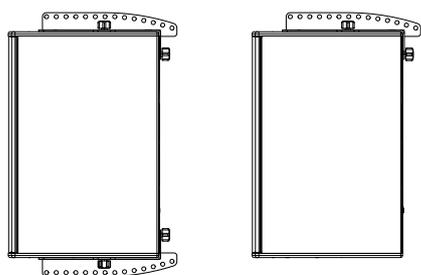
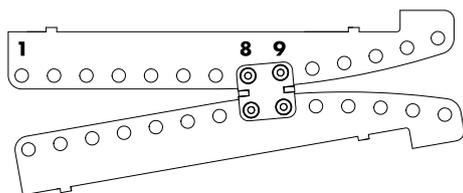
The Z5551 VP Flying adapter link allows two V-Point/Vi-Point or 24S/24S-D cabinets to be flown one below the other and enables the setting of specified vertical splay angles between the two cabinets.

For this purpose, the link is equipped with four Locking pins to allow easy interconnection of the cabinets.

Splay angle settings

Starting from hole eight (8) towards the back, the Flying adapter together with the link allows the setting of vertical splay angles ranging from 10° to 35° in increments of 5°.

Hole	8/9	9/10	10/11	11/12	12/13	13/14
Splay	10°	15°	20°	25°	30°	35°

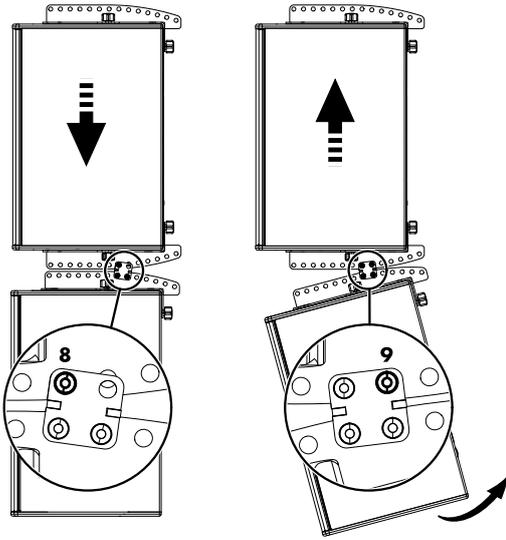


3.3 Z5551 Assembly

Preparing the cabinets

For this application, two additional Flying adapters are required. The attachment of the Flying adapters is carried out in the same manner as described in ⇒ Chapter 2.3 "Z5384 Assembly" on page 6.

1. Attach one flying adapter each to the top and bottom panels of the first (upper) cabinet.
2. Attach one flying adapter to the top panel of the second cabinet.



Joining the cabinets

Shown: Hole pair 8/9, vertical splay of 10°

Joining the cabinets

1. Lift the first (upper) cabinet to a suitable working height.
2. On the second (bottom) cabinet, attach the link to the corresponding hole pair (i.e. 8/9).
3. Fix the link in place with two Locking pins.
4. Lower the upper cabinet until the corresponding hole of the second flying adapter (hole 8) is in line with the link.
5. Insert one locking pin.
6. Slightly lift the entire assembly.
7. Raise the bottom cabinet until the second hole (hole 9) is in line with the link and insert the second Locking pin.
8. Recheck your work before lifting the assembly to its operating position.
 - ↳ Ensure all four Locking pins are fully inserted and properly locked

4 Maintenance and care

Storing/Transport

Due to their surface treatment the components are temporarily protected against moisture. However, ensure the components are in a dry state while stored or during transport and use.

During transport ensure the components are not stressed or damaged by mechanical forces.

Flying adapter and link

In particular pay attention to obvious damage, deformation, cracks and corrosion.

Cleaning

Regularly clean and lubricate the components using an anti-corrosion agent.

4.1 Inspections

To eliminate the potential risk of accident due to malfunctioning of the components, carry out regular visual and functional inspections of the components. If the components fail to operate correctly and/or safely, the adapter must be withdrawn from use immediately.

Locking pins

- Visual inspection for deformation, cracks and corrosion of the component.
- Inspection for missing ball bearings and damage.
- Functional inspection of the release mechanism to ensure it operates properly.
- Regularly lubricate the Locking pins using WD-40® or a similar product.

5.1 Conformity of components

This declaration applies to:

d&b Z5384, VP Flying adapter

d&b Z5551, VP Flying adapter link

manufactured by d&b audiotechnik GmbH & Co. KG.

All product variants are included, provided they correspond to the original technical version and have not been subject to any later design or electromechanical modifications.

We herewith declare that said products are in conformity with the provisions of the respective directives including all applicable amendments.

Detailed and applicable declarations are available on request and can be ordered from d&b or downloaded from the d&b website at www.dbaudio.com.

5.2 Disposal

When out of use the rigging components must be disposed of in accordance with the national environmental regulations.

Ensure that damaged rigging components are disposed of in a way that they cannot be used again.

