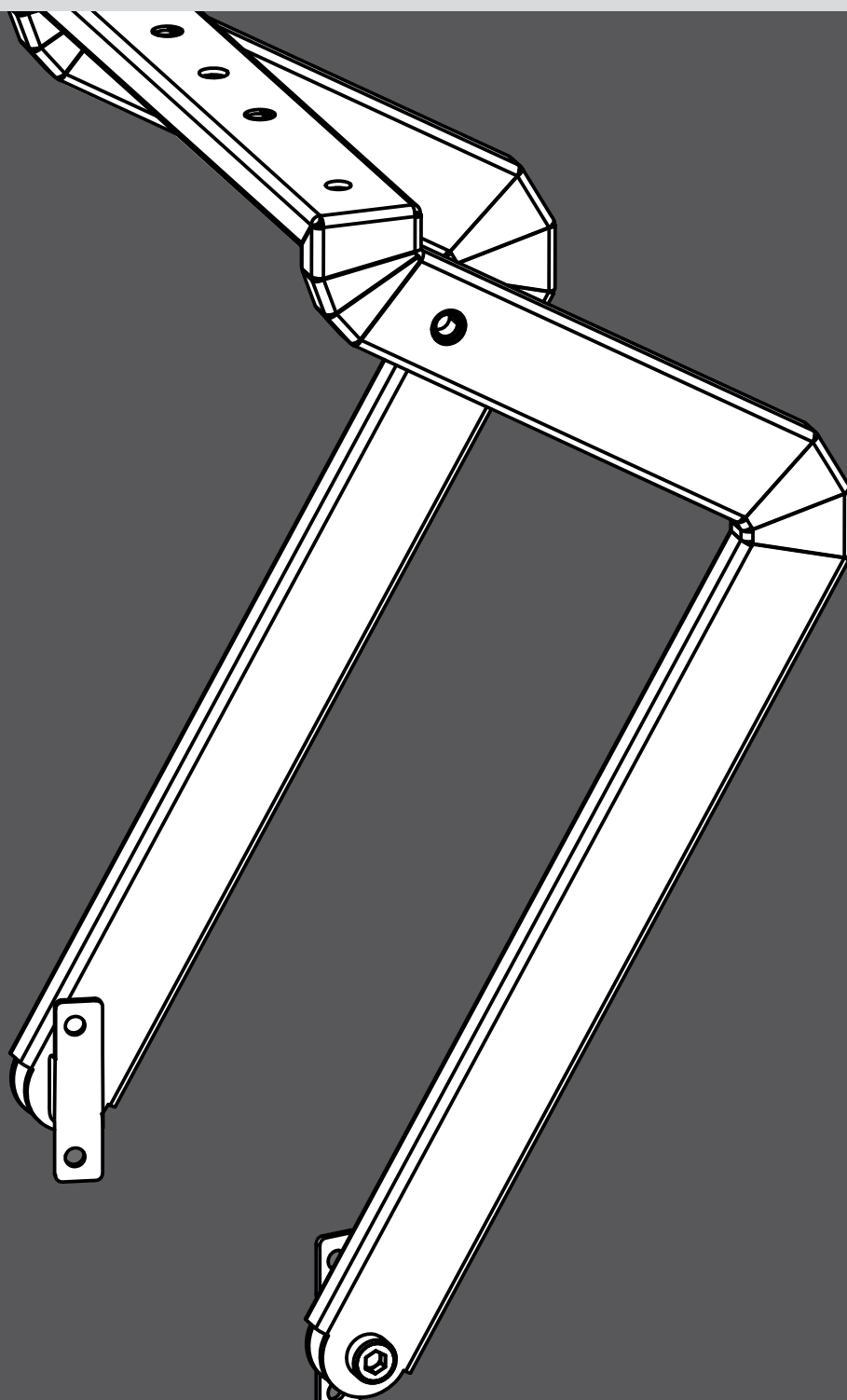


# Z

## **Z5553** **Mounting instructions 1.3 en**



## **General information**

Z5553 Mounting instructions

Version: 1.3 en, 01/2021, D2626.EN .01

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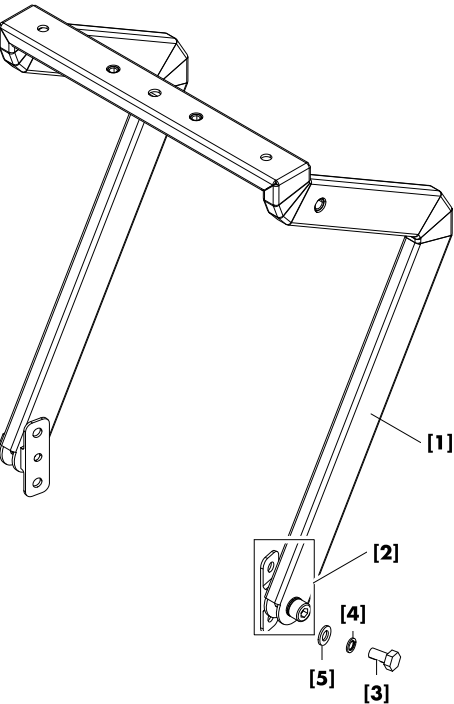
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1 Z5553 Flying bracket 24S



1.1 Scope of supply and weight

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

Qty.	d&b Code	Description
1	<b>Z5553</b>	Flying bracket 24S <b>[1]</b>
Including:		
2	B2449.051.00	Pre-assembled, rotatable fixing unit <b>[2]</b> consisting of: <ul style="list-style-type: none"><li>2 x Q1033.101.35 Allen hex screw M10 x 35, black</li><li>2 x Q5913.010 NORD-LOCK washer</li></ul>
4	Q3051.003.00	Hex head bolt M10 x 25 <b>[3]</b>
4	Q5301.000.00	Spring washer M10 <b>[4]</b>
4	Q5007.000.00	U washer 10.5, black <b>[5]</b>
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Weight .....5.1 kg (11.3 lb)

1.2 Safety precautions

General safety

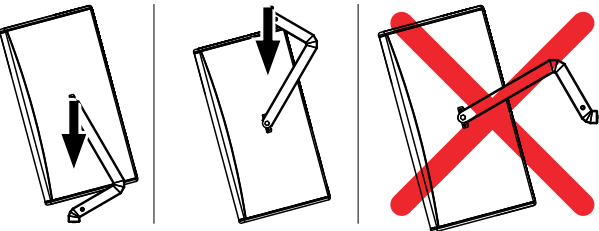
- Installation and setup should only be carried out by qualified and authorized personnel observing the valid national Rules for the Prevention of Accidents (RPA).
- It is the responsibility of the person installing the assembly to ensure that the suspension/fixing points are suitable for the intended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 In case there is any doubt as to the proper functioning and safety of the items, these must be withdrawn from use immediately.

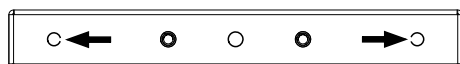
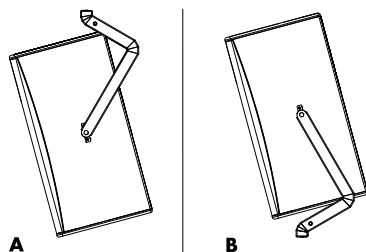
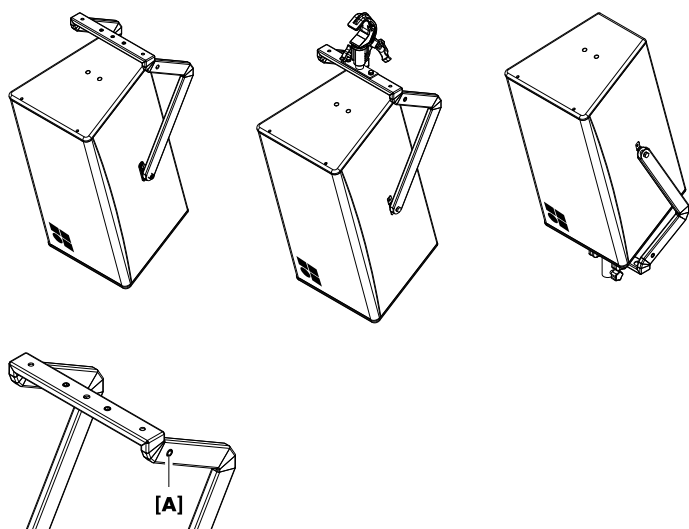
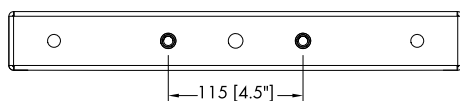
Load safety information

The d&b Z5553 Flying bracket 24S is designed to support one d&b 24S or 24S-D loudspeaker.

No additional loads must be added.

The bracket must only be used in an upright position or suspended vertically as shown in the graphic opposite.





### 1.3 Intended use

The d&b Z5553 Flying bracket 24S must only be used in conjunction with d&b 24S or 24S-D cabinets.

The tie bar of the bracket is supplied with two M8 threaded inserts at the standard d&b spacing (115 mm/4.5") to accept the following accessories:

The bracket can be:

- directly mounted to ceilings.
- vertically flown from overhead bars or truss with a tube diameter between 40 mm and 70 mm (1.5" and 2.75") using the Z5010 TV spigot with fixing plate in conjunction with the Z5012 Pipe clamp.
- mounted on loudspeaker stands with a tube diameter of 35 mm (1.4") using the Z5024 Loudspeaker stand adapter.

**Note:** For assembly and operation of these accessories, refer to the specific mounting instructions.

Two additional M10 threaded inserts **[A]** are provided which are intended for support purposes in flown applications. The inserts can accept two M10 eye bolts (such as d&b Q9032) which are used to lift the cabinet to its operating position using steel wire ropes.

Once the cabinet is fixed in its operating position, the steel wire ropes and eye bolts may be removed.

### 1.4 Mounting options and angle settings

The bracket can be attached in two ways:

**Type A** Flown applications.

**Type B** High-stand applications.

### 1.5 Assembly

#### Attaching the bracket to ceilings

##### NOTICE!

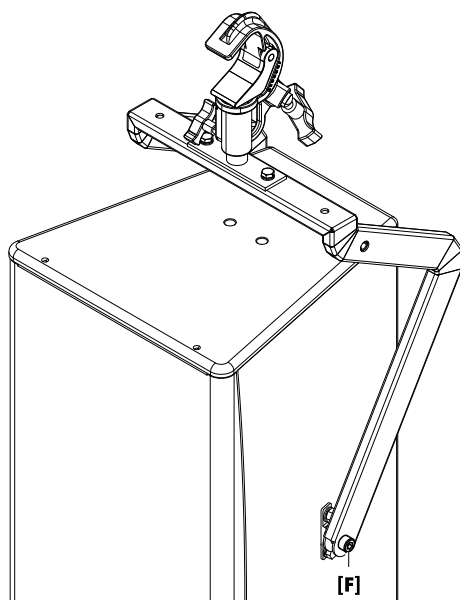
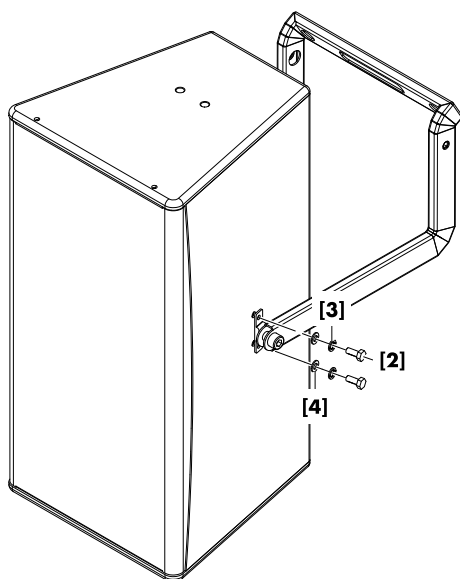
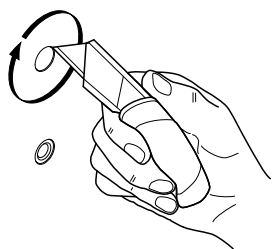
Only use mounting parts (fixing anchors and screws) that are suitable for the intended application.

Observe the occurring extraction forces acting on the fixing anchors and screws.

The rated extraction force is **385 N**.

To attach the bracket to the ceiling, use the holes shown in the graphic opposite to provide adequate support.

A corresponding fixing template is supplied with these mounting instructions. Refer to ⇒ Chapter 2 "Z5553 Fixing template" on page 7.



### Preparing the cabinet

The threaded inserts of the cabinet are covered by dummy caps in cabinet color. To remove the caps, proceed as follows:

1. Cut out the caps along the recessed spline using an appropriate cutting knife.
2. Carefully take off the caps and ensure the cabinet coating is not peeled off.

### Attaching the bracket to the cabinet

#### NOTICE!

Only use the supplied and specified screws [2], otherwise there is a risk of damaging the threaded inserts.

Always use the spring washers [3] and U washers [4] to prevent the bolts from slackening.

#### Tools required:

- Open-ended spanner/wrench (size #17)
1. From the rear, attach the bracket to the cabinet as shown in the graphic opposite.
  2. Insert the screws together with the spring and U washers.
  3. Properly tighten all screws.

### 1.6 Adjustments

The vertical and the horizontal aiming can be set continuously.

#### Vertical aiming

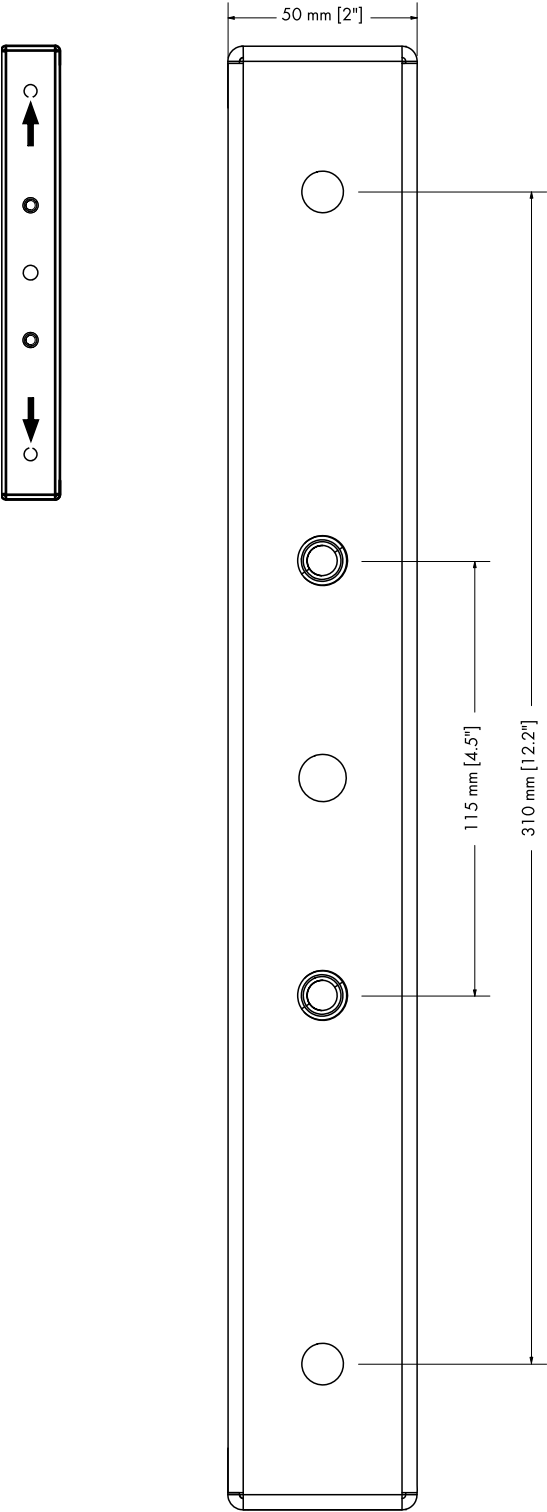
##### Tools required:

- Allen key (size #8)
1. Slightly slacken the fixing screws [F] on both sides.
  2. Set the loudspeaker to the required vertical angle.
  3. Retighten the fixing screws [F] on both sides.

#### Horizontal aiming

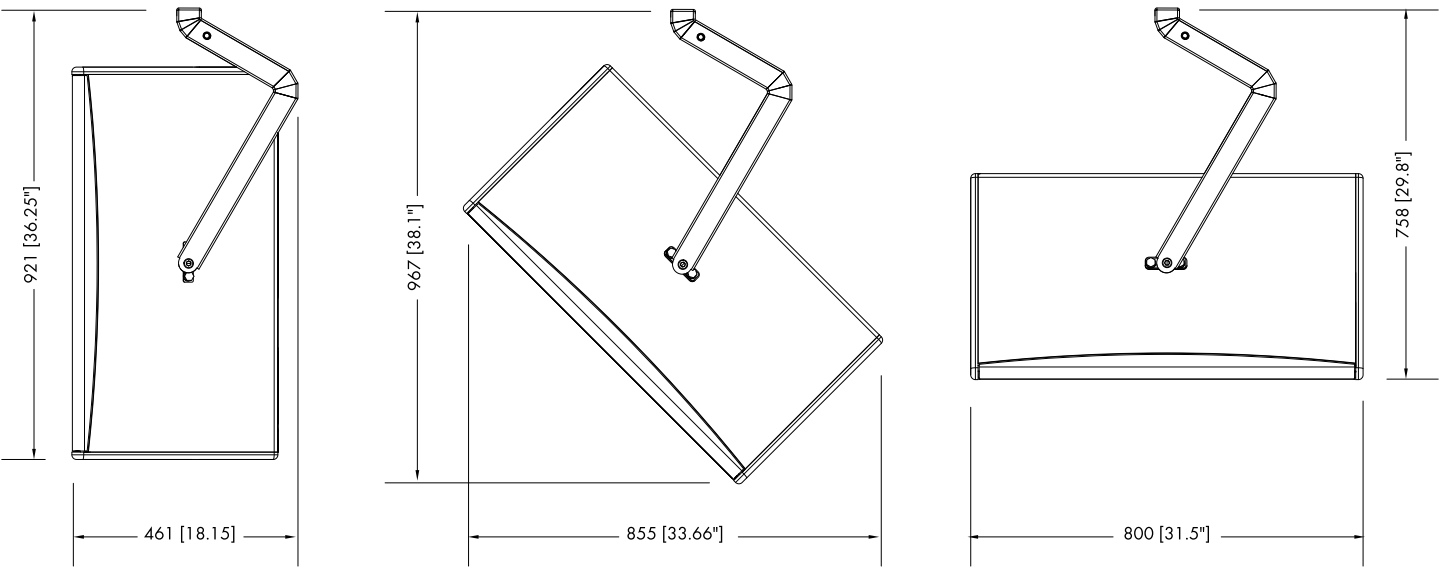
The horizontal aiming is set via the TV spigot assembly or the loudspeaker stand adapter.

2 Z5553 Fixing template

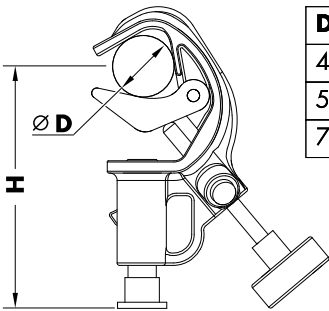


Z5553 Fixing template - Scale 1:2

3 Built-in dimensions



Z5553 Flying bracket 24S, built-in dimensions in mm [inch]



D	H
40 mm [1.6"]	205 mm [8"]
50 mm [2"]	197 mm [7.75"]
70 mm [2.75"]	181 mm [7"]

Built-in dimensions Z5010/Z5012 assembly





