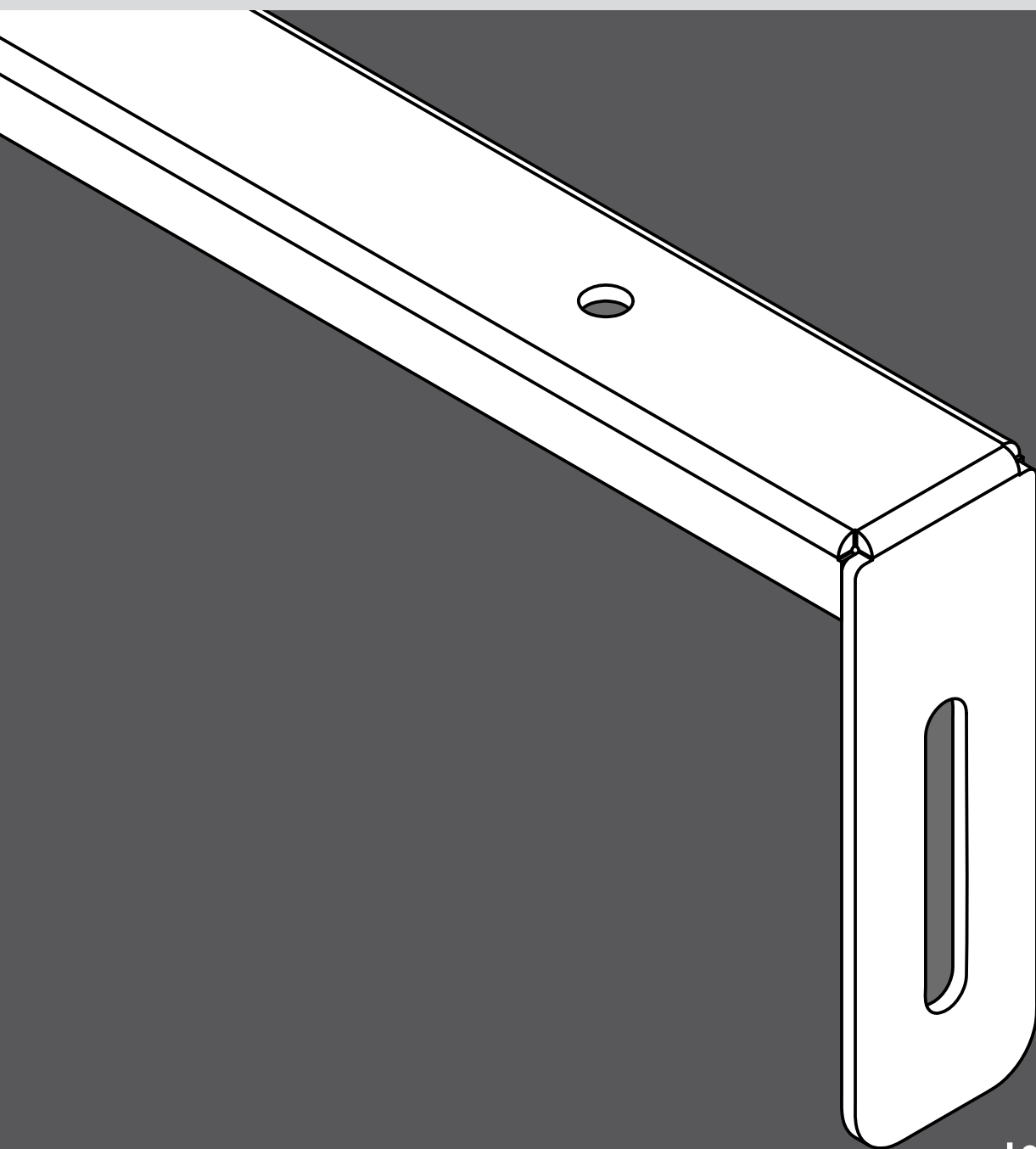


Z

Z5450 **Mounting instructions 1.1 en**



General information

Z5450 Mounting instructions

Version: 1.1 en, 08/2019, D2824.EN .01

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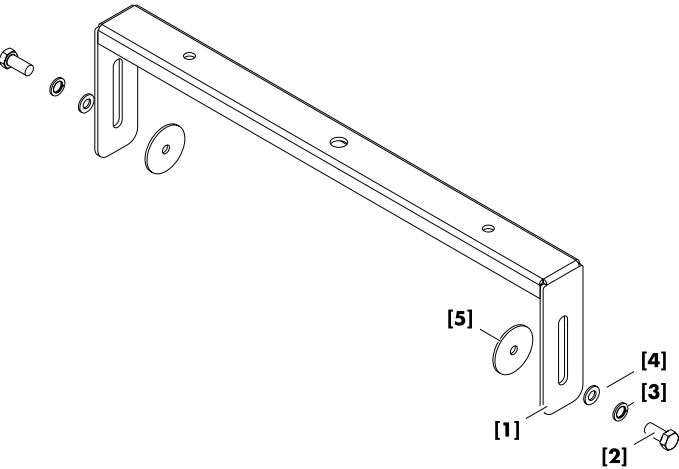
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1 Z5450 Horizontal bracket



1.1 Scope of supply

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

Qty.	d&b Code	Description
1	Z5450	Horizontal bracket [1]
Including:		
2		Hex head bolt M8 x 25 [2]
2		Spring washer [3]
2		U washer [4]
2		Rubber washer [5]
1	D2824.EN .01	Mounting instructions

Weight0.9 kg / 2.0 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 In case you have any doubt as to the proper functioning and safety of the items, these must be withdrawn from use immediately.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 Z5450 Horizontal bracket is 18 kg (39 lb) which corresponds to the weight of one B8-SUB or Bi8-SUB loudspeaker.

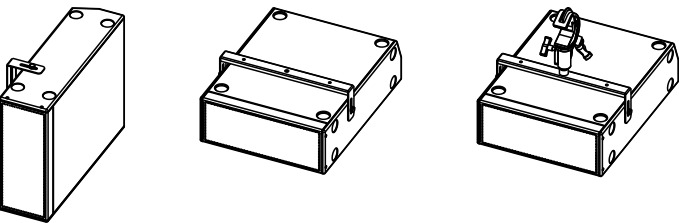
1.3 Intended use

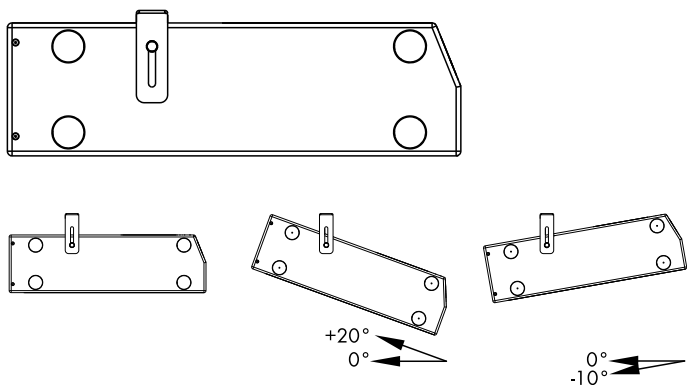
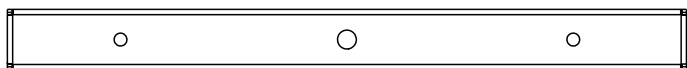
The d&b Z5450 Horizontal bracket must only be used in conjunction with d&b B8-SUB/Bi8-SUB loudspeakers as described in these mounting instructions.

The bracket can be:

- directly mounted to walls or ceilings or other suitable surfaces.
- horizontally flown and mounted to bars or trusses with a tube diameter of up to 70 mm (2.75") using the Z5029 TV spigot M10 and the Z5012 Pipe clamp.

Note: Refer to the specific mounting instructions for assembly and operation of these accessories.





1.4 Mounting options and angle settings

Mounting holes are provided on the tie bar of the bracket.

One 8.5 mm (0.33") hole is provided at each end of the tie bar for fixing the bracket directly to walls or ceilings or other suitable surfaces.

One 12.5 mm (0.5") hole in the center of the tie bar allows the attachment of the Z5029 TV spigot M10 and the Z5012 Pipe clamp.

Each end of the bracket is equipped with a 12.5 mm (0.5") elongated hole. This elongated hole allows a multitude of cabinet positions, e.g. with a low ceiling height the cabinet can be mounted as close as possible to the ceiling.

Angles can be set within the range of 30° (+20°/-10°). In general, angle settings depend on the chosen position of the cabinet within the bracket.

1.5 Assembly

Attaching the bracket to walls or ceilings

NOTICE!

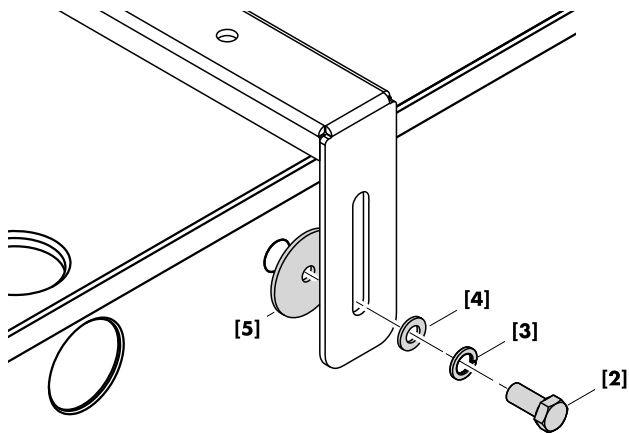
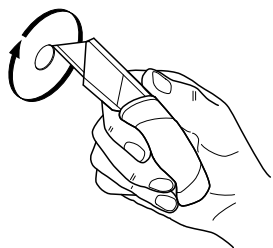
Only use mounting parts (fixing anchors and screws) that are suitable for the intended application.

Observe the occurring extraction forces acting on the fixing anchors and screws. The rated extraction forces for the respective application (ceiling or wall mounting) are listed in the following table.

Application	Rated extraction forces
Ceiling mounting	225 N
Wall mounting	120 N

To attach the bracket to ceilings or walls, 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 "Fixing template" on page 7.



Preparing the cabinet (Bi8-SUB)

Each side panel of the loudspeaker cabinet is equipped with an M8 threaded insert. The threads of the Bi8-SUB are covered by a dummy cap in cabinet color.

To remove the cap, proceed as follows:

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

Attaching the cabinet to the bracket

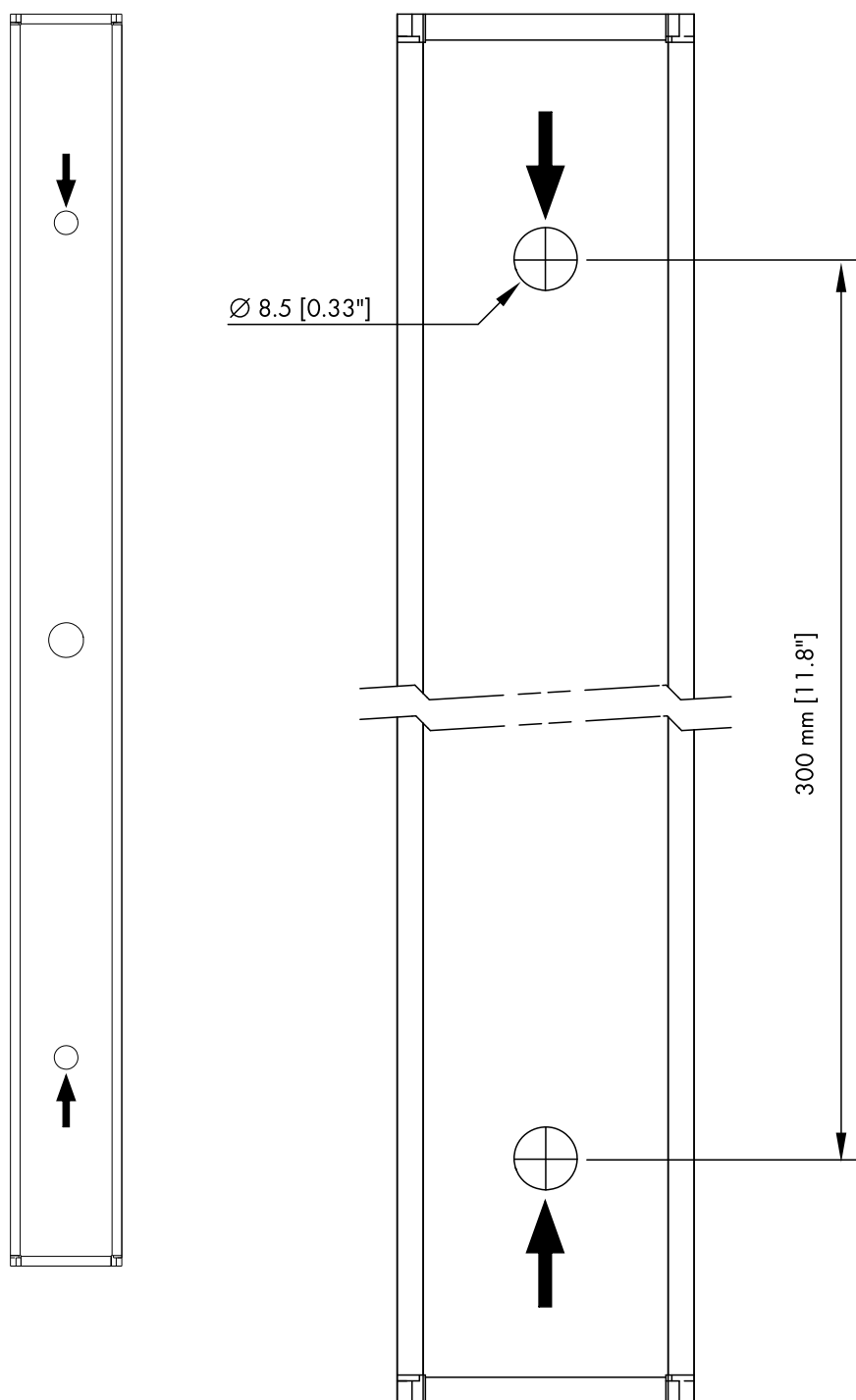
NOTICE!

- 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.

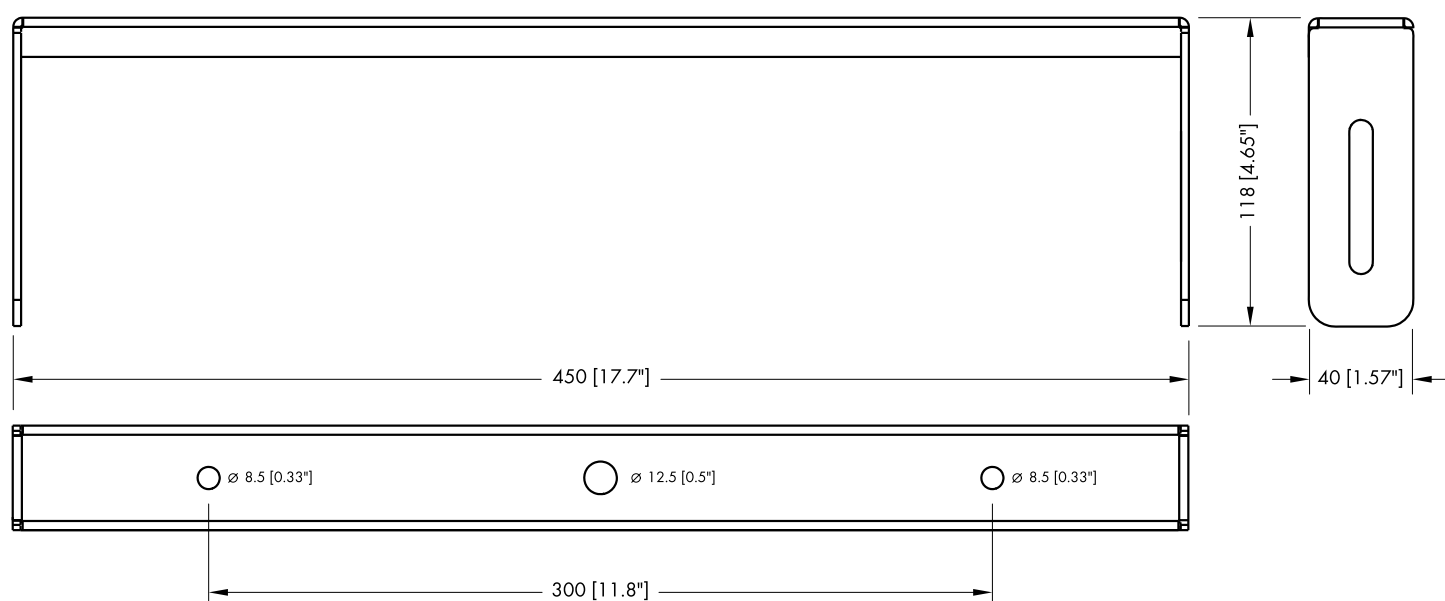
Tools required:

- Open-ended spanner/wrench size #13 (1/2" AF).
1. Attach the cabinet to the prepared bracket.
 2. Attach the rubber washers **[5]**.
 3. Insert the screws together with the spring and U washers.
 4. Align the cabinet and tighten the screws.

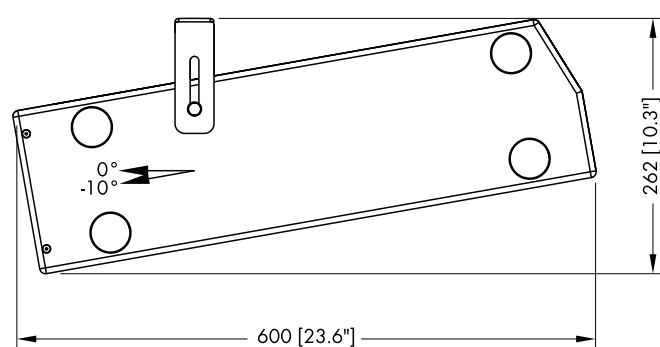
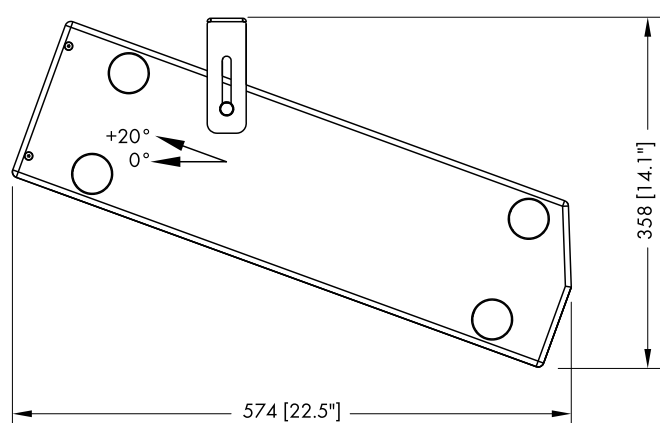
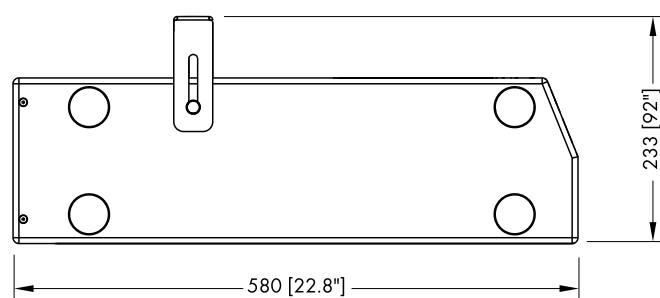
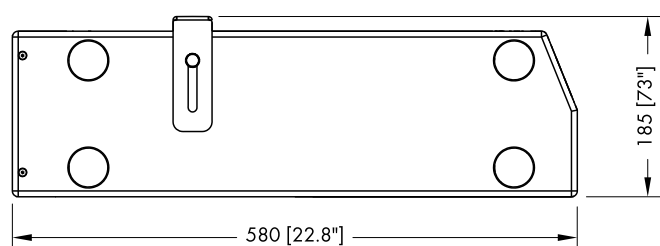
2 Fixing template



3 Built-in dimensions



Z5450 Horizontal bracket, dimensions in mm [inch]



Z5450 Horizontal bracket, mounting options and built-in dimensions in mm [inch]

4.1 Manufacturer's declaration

This declaration covers:

- d&b Z5450 Horizontal bracket.

National standards and technical specifications applied:

DIN 18 800, DIN 1055, DGUV Vorschrift 17, BGI 810-3.

Backnang, 2019-02-28



Frank Bothe,
Chief Technology Officer (CTO)
d&b audiotechnik GmbH & Co. KG



4.2 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.

