

Z5161

Q Flying bracket

Mounting instructions (1.2EN)

**WARNING!****References in the manual**

This refers to a potentially dangerous situation which may lead to personal injury.

CAUTION!

This refers to a potentially dangerous situation which may lead to damage to the equipment.

IMPORTANT!

This refers to a situation which may cause the equipment to malfunction.

Note:**Additional informations****Symbols on the equipment**

Please refer to the information in the operating manual.

**General Information**

Z5161 Q Flying bracket
Mounting instructions

Version 1.2EN, 06/2006, D2972.E.01

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As manufacturers we reserve the right to make alterations and modifications within the framework of legal provisions, as well as changes aimed at improving quality.

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Z5161 Q Flying bracket

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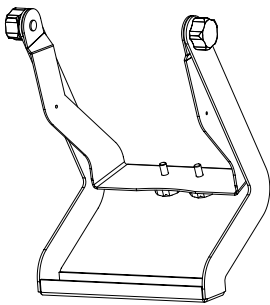


Fig. 1: Z5161 Q Flying bracket

1. Product description

The Z5161 Q Flying bracket enables Q loudspeaker cabinets (Q7/Q10) to be mounted and set to different horizontal or vertical angles.

The bracket is designed to fit tightly round the loudspeaker to produce the minimum visual impact.

The inner frame of the bracket is bolted to the top or bottom of the loudspeaker cabinet using two handbolts and therefore no tools are required.

2. Safety instructions

The Z5161 Q Flying bracket must only be used in conjunction with the d&b Q-Series loudspeaker as described in this mounting instructions.

Installation should only be carried out by fully trained personnel. There are certain rules for installation that must be complied with.

It is the responsibility of the person installing the assembly to ensure that the structure being attached to is suitable for the intended use.

Also ensure that the maximum permitted working load limit (WLL) for a loudspeaker stand used with the Z5161 Q Flying bracket and Z5024 Loudspeaker stand adapter is not exceeded.

Secondary safeties must always be provided and used when flying or fixing loudspeaker loads overhead.

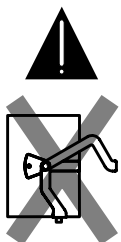
3. Load safety information

The maximum permitted working load limit (WLL) of the Z5161 Q Flying bracket is 22 kg/49 lb

The Q Flying bracket must only ever be used with the outer frame [A] vertically aligned whether suspended or placed on top of a loudspeaker stand.



WARNING!



WARNING!

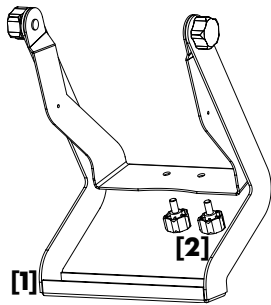


Fig. 2: Z5161 Q Flying bracket Part list

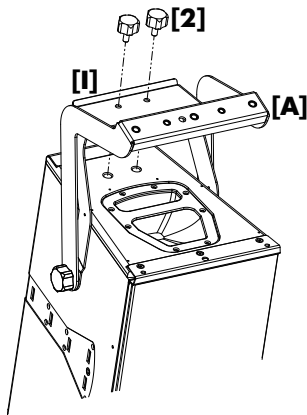


Fig. 3: Attaching the Z5161 Q Flying bracket to the cabinet

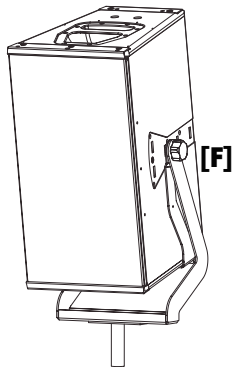


Fig. 4: Z5161 Q Flying bracket operation

4. Part list Z5161 Q Flying bracket

- 1 x Z5161 Q Flying bracket [1] including:
 - 2 x Handbolts M10x20 [2]

5. Weight Z5161 Q Flying bracket

4 kg/8.8 lb

6. Assembly

The fixing plate of the inner frame [1] of the bracket is bolted to the top or bottom M10 threaded inserts of the loudspeaker cabinet using the two handbolts [2].

The tie bar of the outer frame [A] is supplied with two threaded inserts M8 at the d&b standard spacing (115 mm) for attaching the following adapters:

- The Z5024 Loudspeaker stand adapter for attaching the cabinet to a loudspeaker high stand.
- The Z5010 TV spigot with fixing plate for attaching the cabinet to e.g. trusses in flown applications.

The two M10 threaded inserts at the edge of the tie bar are intended for the use with two M10 safety eye bolts (Q9032) to suspend the cabinet using steel wire ropes or to „park“ the two handbolts [2] during storage or transport if the bracket is not mounted to a cabinet so that the handbolts could not get lost.

7. Operation

The centre of gravity of a Q-TOP loudspeaker is in line with the bracket's axis of rotation. This prevents the vertical flying angle setting from limiting freedom of movement by creating a twisting force on the mounting support. The Q Flying bracket is locked in place each side of the cabinet using two handbolts [F].

Vertical adjustment

After slackening the two handbolts [F] set up the loudspeaker to the required vertical angle and tighten the hand bolts.

Horizontal adjustment

The loudspeaker is aligned horizontally at the Loudspeaker stand adapter or the TV spigot mounting.

8. Z5161 Q Flying bracket Dimensions

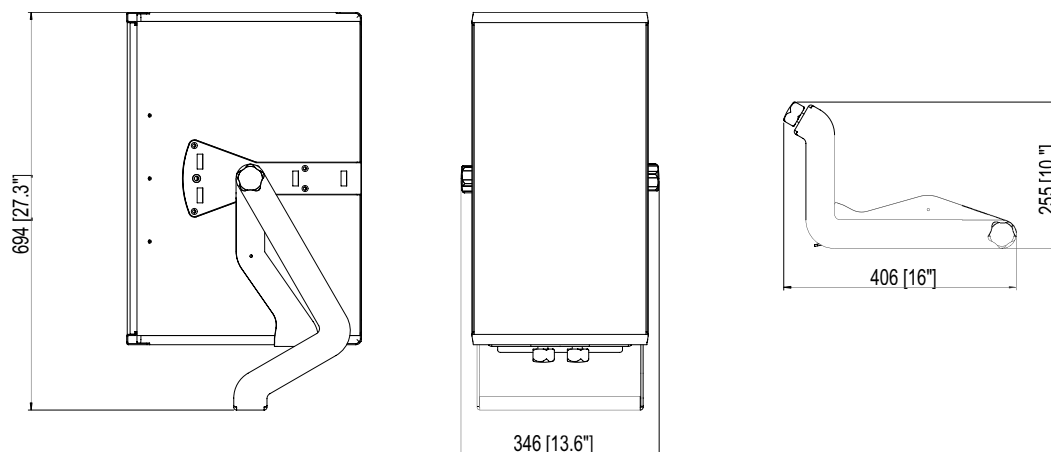


Fig. 5: Z5161 Q Flying bracket dimensions with the cabinet in mm [inch]



WARNING!

9. Maintenance and care

To eliminate the potential risk of accident because of malfunction of a component regular inspection of all system components is essential.

9.1. Test recommendations

- Visual inspection for deformation and damage (e.g. cracks and corrosion) of the outer **[A]** and inner **[I]** frame.
- Visual inspection of the threaded inserts of the tie bar of the outer frame for damage (e.g. cracks and corrosion)
- Functional inspection of the two handbolts **[F]** to check it functions properly.

