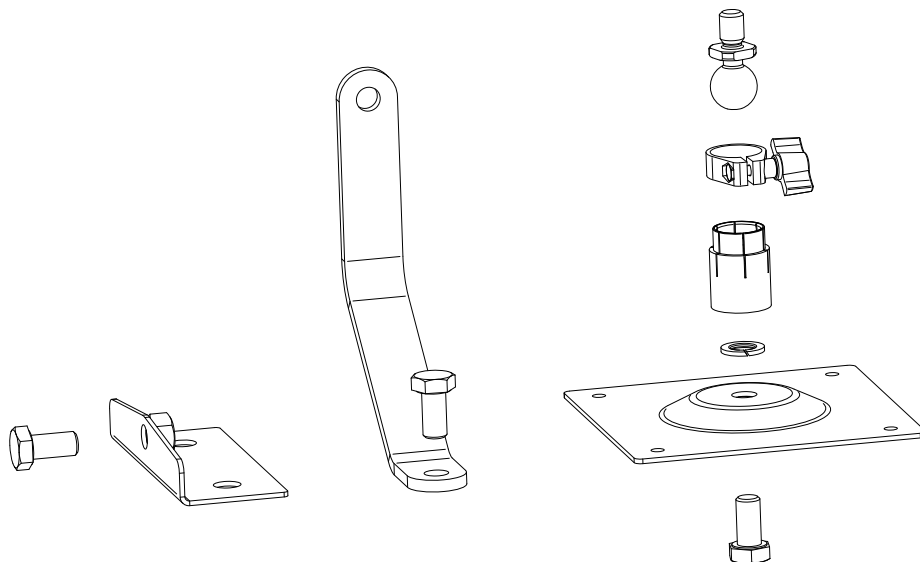




Introduction

Thank you for choosing a high-quality product “MADE IN GERMANY” from the brand TWAUDIÖ.

The mounting kit MKC5 is an accessory for the C5 and C5i loudspeaker.

It is characterized by a subtle look, a remarkable size to weight ratio and ease of use.

If you lend your product to another party, inform that party of the safety-related operating procedures and hand over this assembly guide. If you require additional copies of this manual, you can obtain them free of charge from TWAUDIÖ or download them from www.twaudio.de

Instructions in this user manual

Strictly adhere to the instructions contained in this operating manual that are marked as follows:



This symbol in combination with the signal word “Warning” identifies a potentially hazardous situation. Failure to comply with this safety instruction can lead to serious injury or even death.



This symbol in combination with the signal word “Caution” identifies a potentially hazardous situation. Failure to comply with this safety instruction can lead to light or moderate injury.



This symbol in combination with the signal word “Note” identifies a potentially hazardous situation. Failure to comply with this safety instruction can lead to product damage.



This symbol in combination with the signal word “Tip” identifies additional information or notes that will simplify working with TWAUDIÖ products on the basis of practical experience.

Notes on the products

**Read manual
before use!**

Before using the device, carefully read the assembly instructions and keep it with the MKC5 mounting kit.

General information

Assembly instructions: OM-MKC5

Version 3.0 en, 05/2025

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All information contained in this operating manual was correct to the best of our knowledge at the time of printing.

Quality warranties or assurance of suitability for a certain type of use based on the technical specifications, dimensions and weights are not granted by TWAUDIÖ.

TWAUDIÖ also shall not assume liability for any secondary damage (property damage and/or personal injury) nor for the failure to comply with this operating manual!

TWAUDIÖ reserves the right to update this document based on recent developments.

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1. Safety | Intended use

Please adhere to the following safety instructions to avoid risks when using accessories.

The MKC5 mounting kit was developed for use in professional sound systems. The mounting kit may only be used by trained and qualified personnel.

Note the operating modes described in this assembly instructions. Other uses are not permissible.

Damage caused by improper use is not covered by TWAUDIO.



Before every operation, check the scope of delivery of the MKC5 mounting kit for its completeness and ensure that all parts are in perfect condition.

The scope of delivery includes specified components. Only use the recommended and certified components.



The MKC5 mounting kit may only be used with the C5 or C5i loudspeaker.

This rigging manual describes how to use the MKC5 mounting kit correctly. Any other use shall be deemed improper and may result in damage or even injury.

Modifications or alterations to individual parts of the MKC5 mounting kit are not permitted! Danger to life!



The MKC5 mounting kit is designed both for indoor and outdoor use.



The MKC5 mounting kit may only be used by trained and qualified personnel. Personnel must check the MKC5 mounting kit for suitability before each use.



The MKC5 mounting kit must be taken out of operation immediately as soon as visible damage to the parts can be seen.



Please keep all elements of the MKC5 mounting kit away from children! The small parts can easily be swallowed and lead to suffocation!



The payload of the MKC5 mounting kit is designed for not more than one C5 or C5i loudspeaker. Do not exceed this payload.



The spring washer must always be used as securing. This prevents the screws from loosening. Spare parts you can get from TWAUDIO.

If the C5 or C5i loudspeaker is moved frequently, the screw connections may loosen! Check all screw connections regularly. Tighten if loose. If this is no longer possible, the fastening elements (hexagon screw no. 1, hexagon nut no. 9, spring washer no. 8, ball pin no. 7) must be replaced.



Before mounting the MKC5 mounting kit check that e.g. trusses or ceilings are capable to carrying the payload of the components.



Make sure that no water pipes, electrical lines or any other lines are behind the intended place of mounting.



Only use wall plugs and screws which are suitable for the intended mounting and structural fabric. All screws must be set and tightened properly. Ensure that the fixing holes have the correct depth and diameter. Always use all fixing holes.



When moving (assembling, dismantling, maintaining) the MKC5 mounting kit with C5 or C5i loudspeaker, ensure sufficient space to prevent collisions with other objects.



Do not squeeze or twist the electrical cables of the C5 or C5i loudspeaker during the installation of the MKC5 mounting kit! The respective national electrotechnical rules and regulations are applicable.

2. Overview

2.1 Components

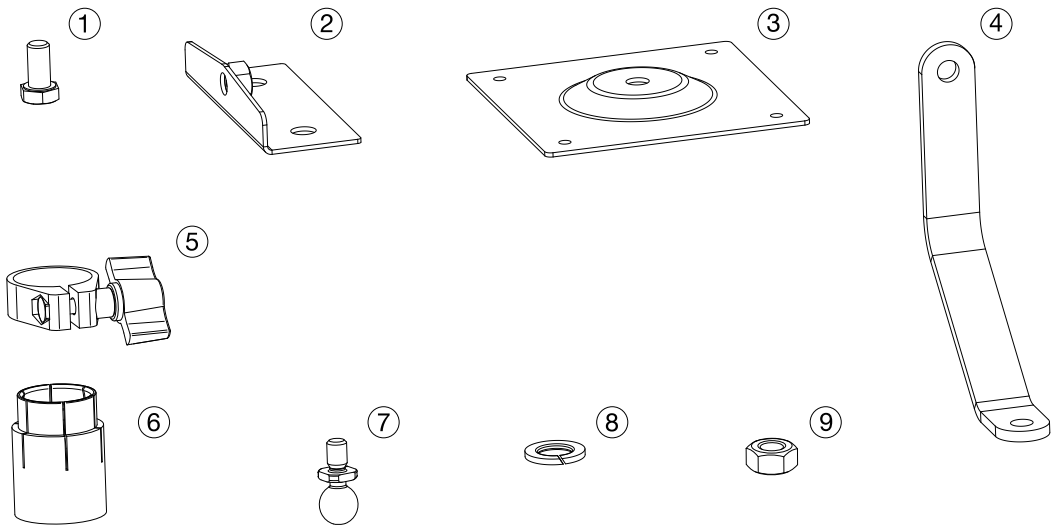


Figure 2.1 - Overview

1.	Hexagon screw M10 x 16.....	3 pieces
2.	Adapter bracket	1 piece
3.	Wall plate.....	1 piece
4.	Mounting bracket	1 piece
5.	Clamp with thumbscrew.....	1 piece
6.	Ball mount.....	1 piece
7.	Ball pin	1 piece
8.	Spring washer	1 piece
9.	Hexagon nut M10.....	1 piece

2.2 Tool

An open-end wrench SW17 is required to mount the individual parts of the MKC5 mounting kit.

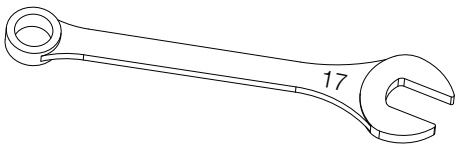


Figure 2.2 - Open-end wrench SW17



An anti-twist protection is fixed at the ball pin and the hexagon screws. This prevents the ball pin and screws from loosening.

3. Commissioning

3.1 Wall plate



Attach the wall plate to ceilings, walls or other suitable surfaces. Then attach the wall plate to the C5 loudspeaker. Use the appropriate mounting material from our scope of delivery.

3.1.1 Size wall plate

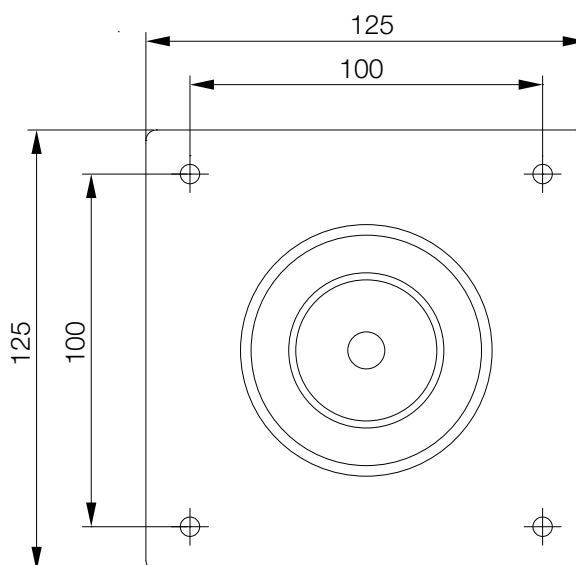


Figure 3.1.1 - Size wall plate

3.1.2 Installation dimensions upright

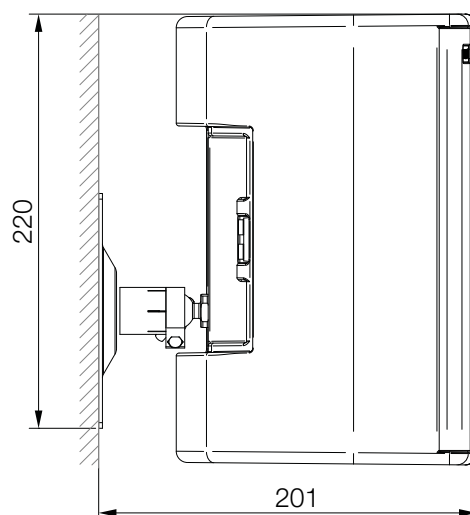


Figure 3.1.2.1 - Wall installation C5 or C5i loudspeaker upright

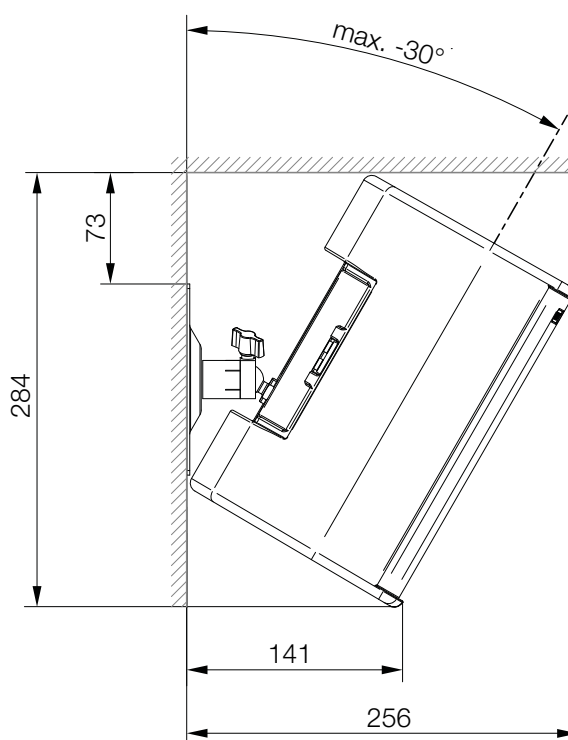


Figure 3.1.2.2 - Wall installation C5 or C5i loudspeaker upright tilted forward

3.1.3 Installation dimensions cross

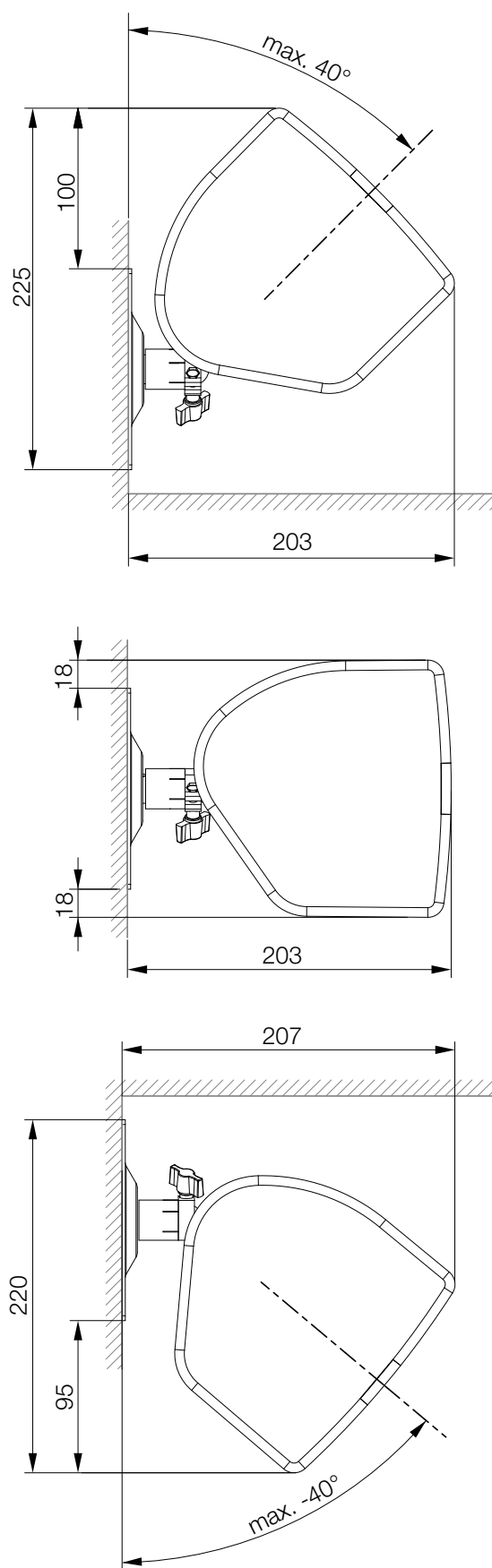


Figure 3.1.3 - Wall installation C5 or C5i loudspeaker cross

3.1.4 Pre-assemble the wall plate



Mount the hexagon screw (see figure 2.1, No. 1), the wall plate (see figure 2.1, No. 3), the spring washer (see figure 2.1, No. 8) and the ball mount (see figure 2.1, No. 6).

Tighten the screw sufficiently! (18Nm)



Check that the spring washer is present between the wall plate and the ball mount!

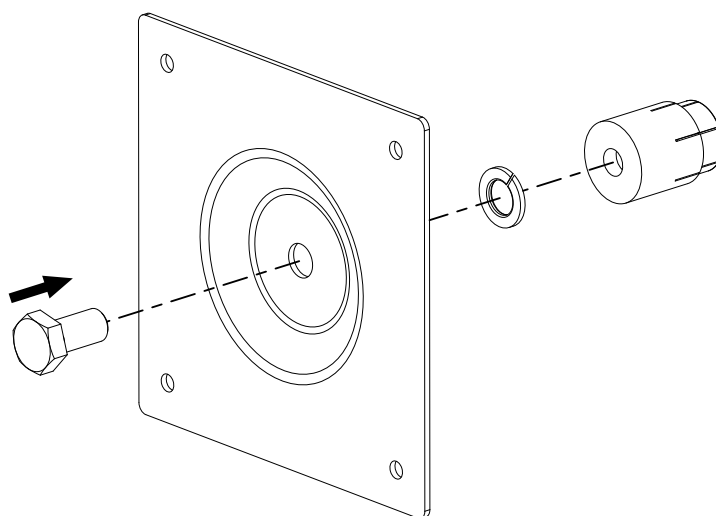


Figure 3.1.4 - Pre-assemble the wall plate

3.1.5 Attaching the pre-assembled wall plate at wall/ceiling



When attaching the wall plate to the wall or ceiling, observe the warnings listed in Chapter 1 and use the appropriate fastening material.

Use all four mounting holes!

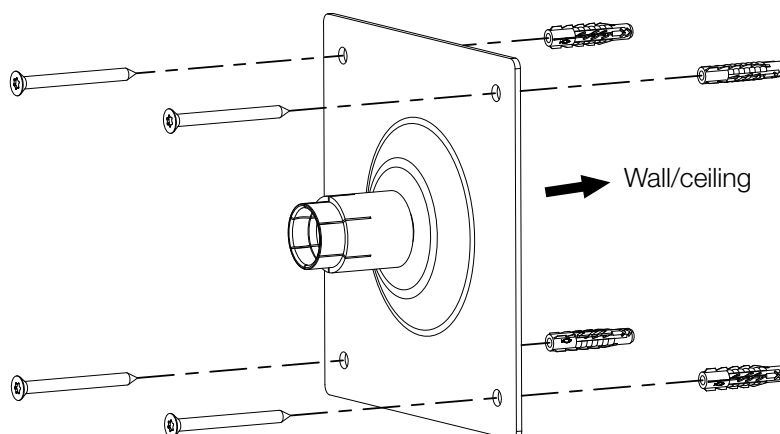


Figure 3.1.5 - Attaching pre-assembled wall plate at wall/ceiling

3.1.6 Mount the ball pin at the C5 or C5i loudspeaker



Mount the ball pin (see figure 2.1, no. 7) at the C5 or C5i loudspeaker.

Tighten the ball pin sufficiently! (18 Nm)

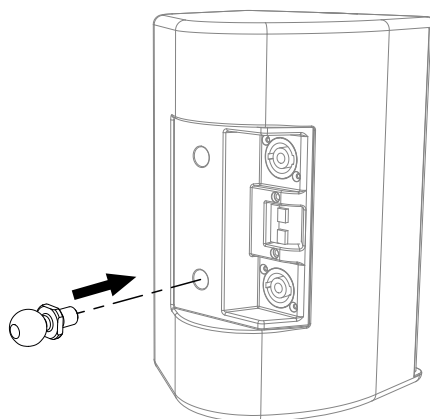


Figure 3.1.6 - Mount the ball pin at the C5 or C5i loudspeaker

3.1.7 Clamp on ball pin



Place the clamp with thumbscrew (see figure 2.1, No. 5) on the ball pin.

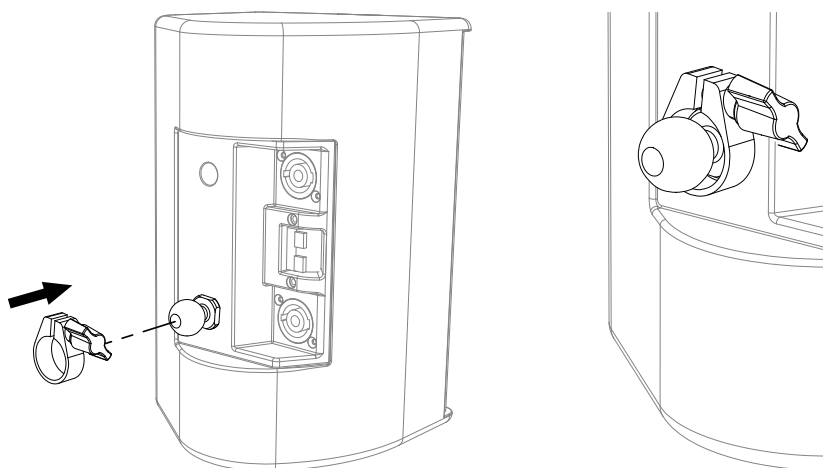


Figure 3.1.7 - Slide clamp on ball pin

3.1.8 Attaching the pre-assembled wall plate to the C5 or C5i loudspeaker



Plug the pre-assembled wall plate (see figure 3.1.4) onto the ball pin.

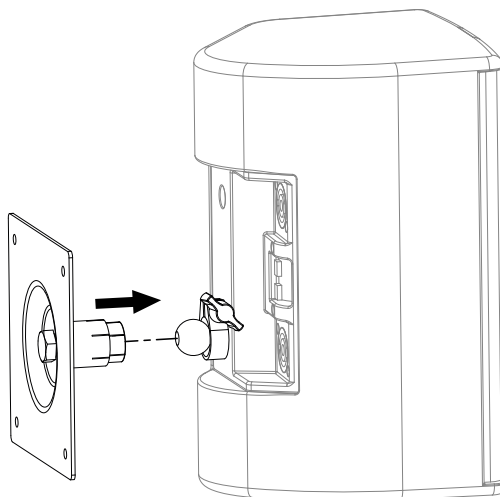


Figure 3.1.8.1 - Attaching the pre-assembled wall plate



Slide the clamp with thumbscrew onto the ball mount.

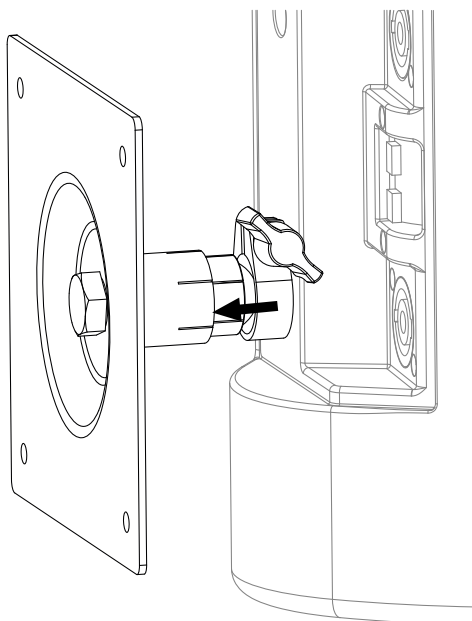


Figure 3.1.8.2 - Slide the clamp with thumbscrew onto the ball mount



Tighten the thumbscrew of the clamp!

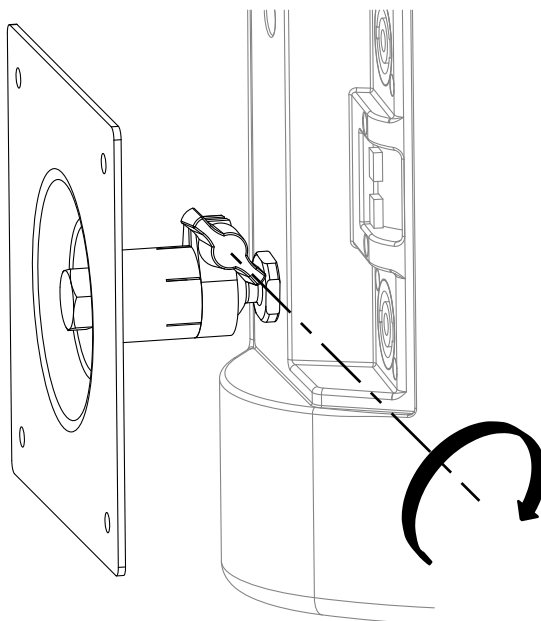


Figure 3.1.8.3 - Tighten the thumbscrew

3.1.9 Wall plate mounted on C5 or C5i loudspeaker

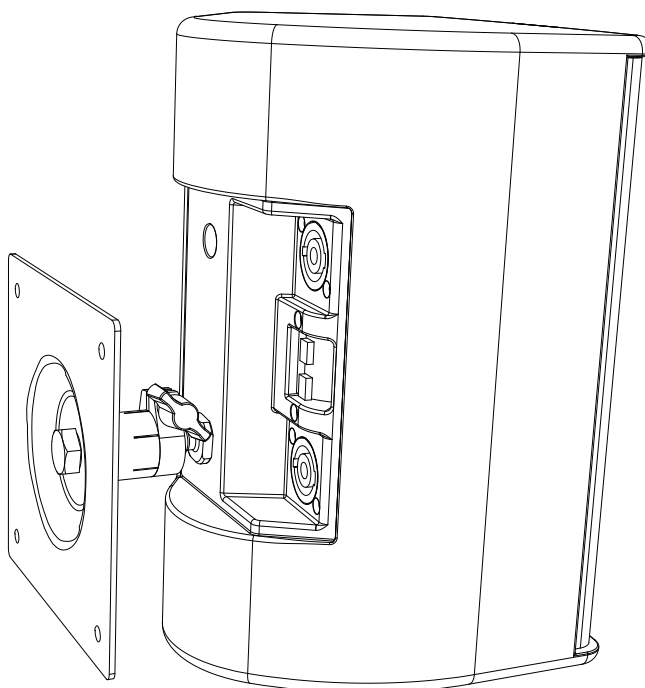


Figure 3.1.9 - Wall plate mounted on C5 or C5i loudspeaker

3.2 Adapter bracket



Attach the adapter bracket to the C5 or C5i loudspeaker. Then mount the wall plate to the adapter bracket so that the system setup can be attached to ceilings, walls or other suitable surfaces. Use the appropriate mounting material from our scope of delivery.

3.2.1 Installation dimensions upright

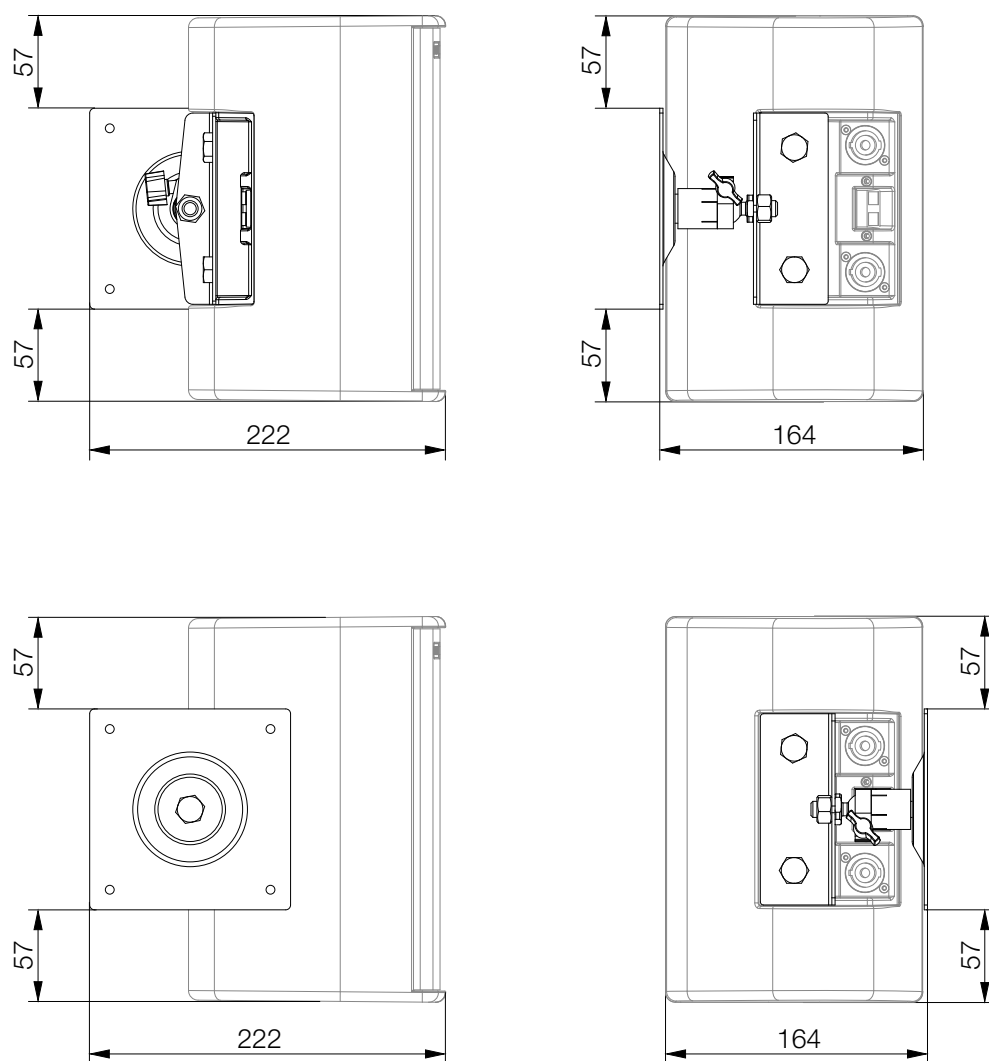


Figure 3.2.1 - Installation dimensions adapter bracket at C5 or C5i loudspeaker upright

3.2.2 Installation dimensions cross

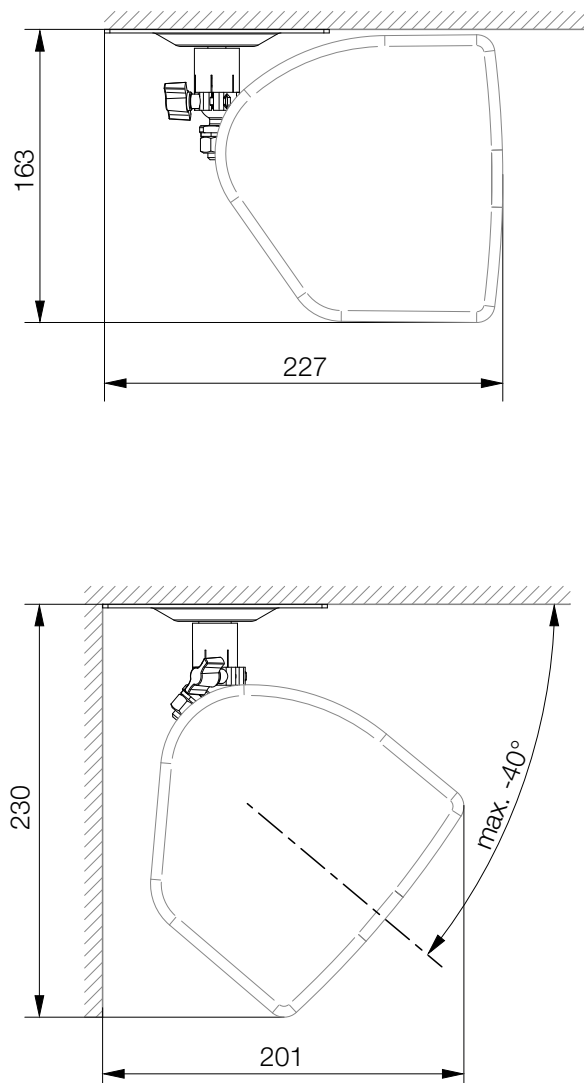


Figure 3.2.2 - Installation dimensions adapter bracket at C5 or C5i loudspeaker cross

3.2.3 Pre-assemble the wall plate



Mount the hexagon screw (see figure 2.1, No. 1), the wall plate (see figure 2.1, No. 3), the spring washer (see figure 2.1, No. 8) and the ball mount (see figure 2.1, No. 6).

Tighten the screw sufficiently! (18Nm)



Check that the spring washer is present between the wall plate and the ball mount!

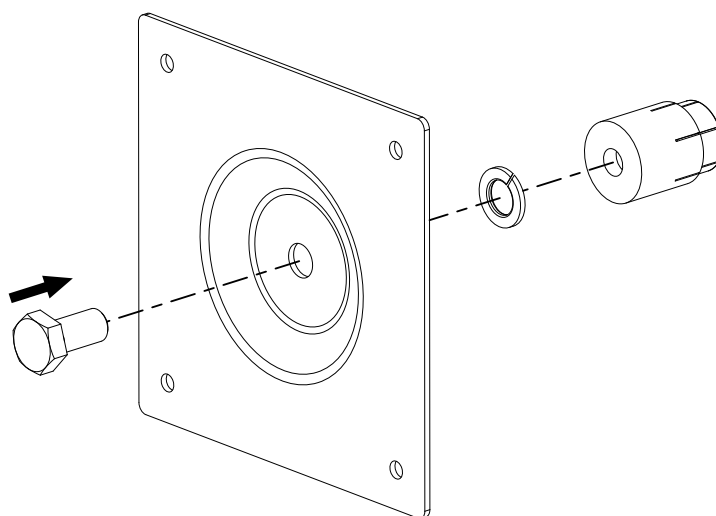


Figure 3.1.4 - Pre-assemble the wall plate

3.2.4 Attaching the pre-assembled wall plate at wall/ceiling



When attaching the wall plate to the wall or ceiling, observe the warnings listed in Chapter 1 and use the appropriate fastening material.

Use all four mounting holes!

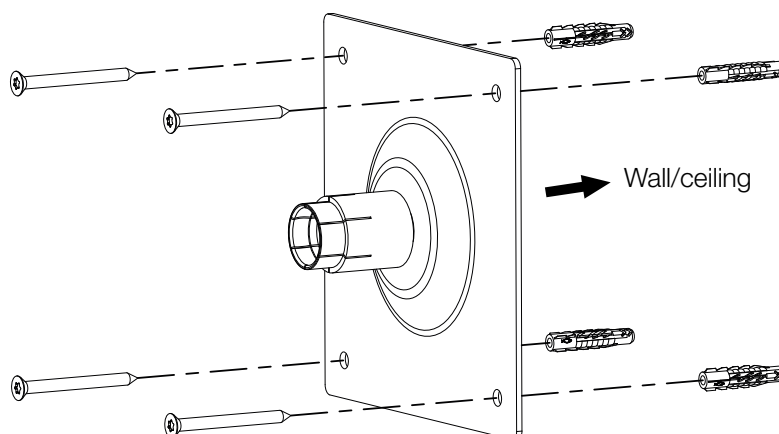


Figure 3.1.5 - Attaching pre-assembled wall plate at wall/ceiling



Note that there are two different ways to attach the adapter bracket (see figure 2.1, No. 2) to the C5 or C5i loudspeaker.

Tighten all screws and the ball pins sufficiently! (18Nm)

3.2.5 Mounting option 1: adapter bracket to the C5 or C5i loudspeaker

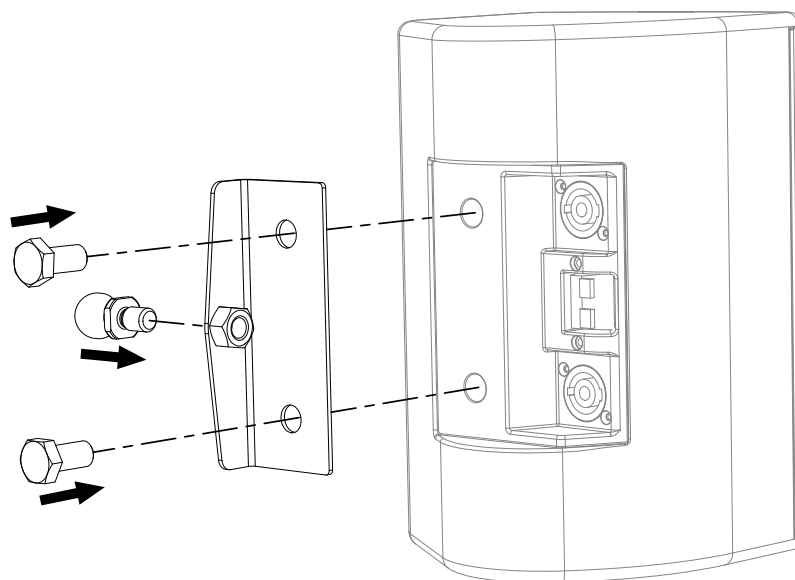


Figure 3.2.5 - Mounting option 1

3.2.6 Mounting option 2: adapter bracket to the C5 or C5i loudspeaker

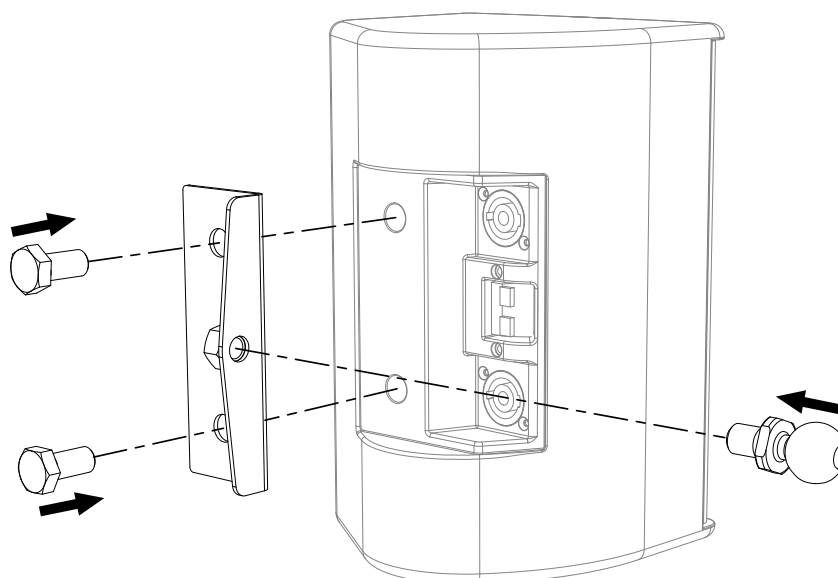


Figure 3.2.6 - Mounting option 2

3.2.7 Clamp on ball pin



Place the clamp with thumbscrew (see figure 2.1, No. 5) on the ball pin.

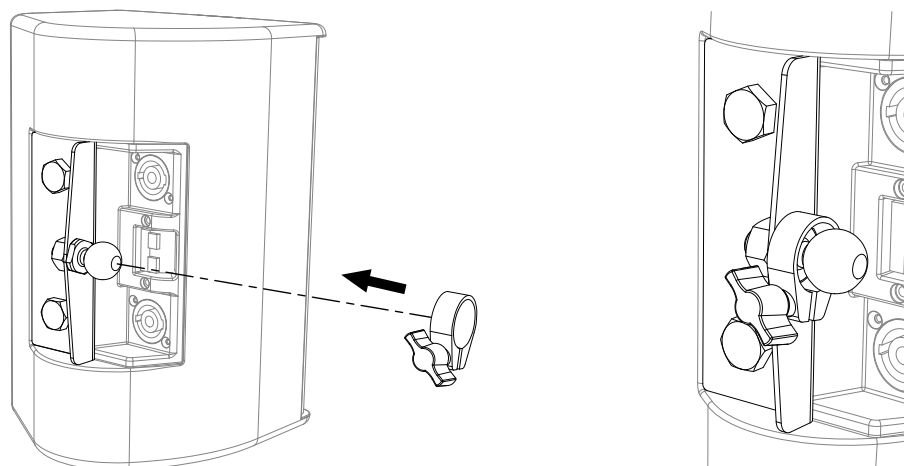


Figure 3.2.7 - Slide clamp on ball pin

3.2.8 Attaching the pre-assembled wall plate to the C5 or C5i loudspeaker



Plug the pre-assembled wall plate (see figure 3.2.3) onto the ball pin.

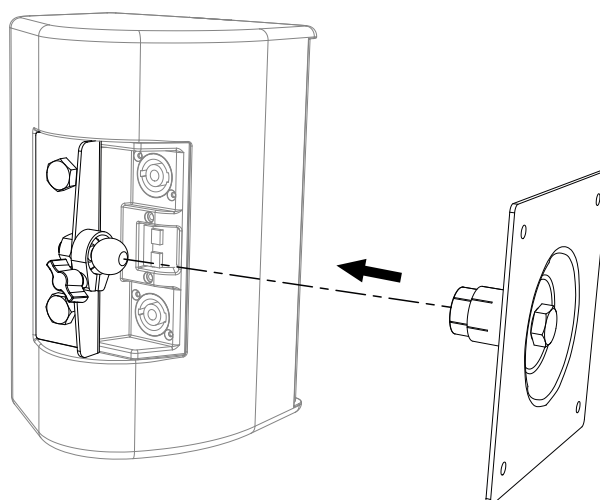


Figure 3.2.8.1 - Attaching the pre-assembled wall plate



Slide the clamp with thumbscrew onto the ball mount.

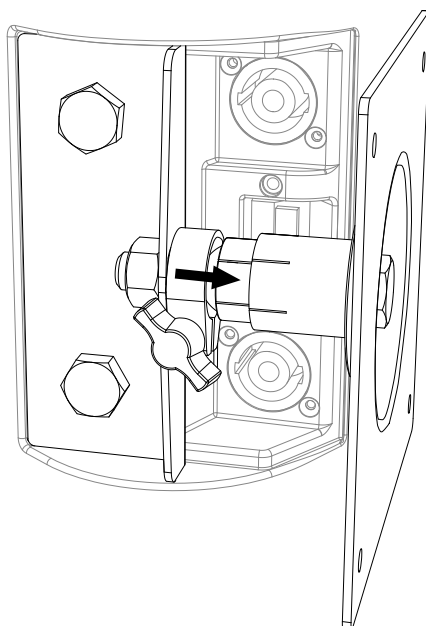


Figure 3.2.8.2 - Slide the clamp with thumbscrew onto the ball mount



Tighten the thumbscrew of the clamp!

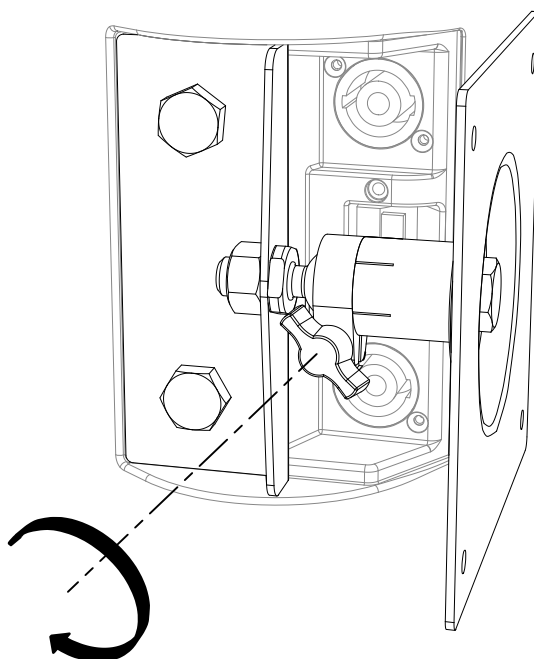


Figure 3.2.8.3 - Tighten the thumbscrew

3.3 Mounting bracket



Attach the mounting bracket to ceilings, walls or on tripods or threaded rods. Then attach the mounting bracket to the C5 or C5i loudspeaker. For this purpose, use the appropriate mounting material from our scope of delivery.

3.3.1 Installation dimensions upright

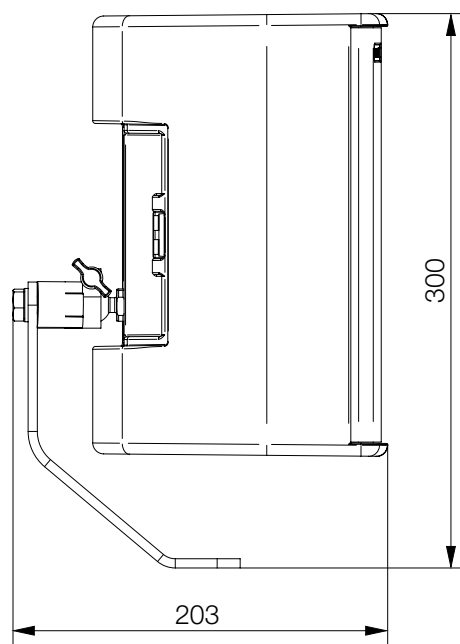


Figure 3.3.1.1 - Mounting bracket at C5 or C5i loudspeaker upright

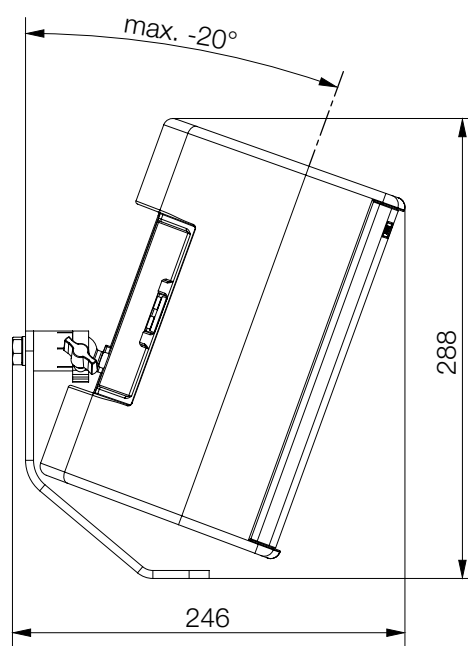


Figure 3.3.1.2 - Mounting bracket at C5 or C5i loudspeaker upright tilted forward

3.3.2 Installation dimensions cross

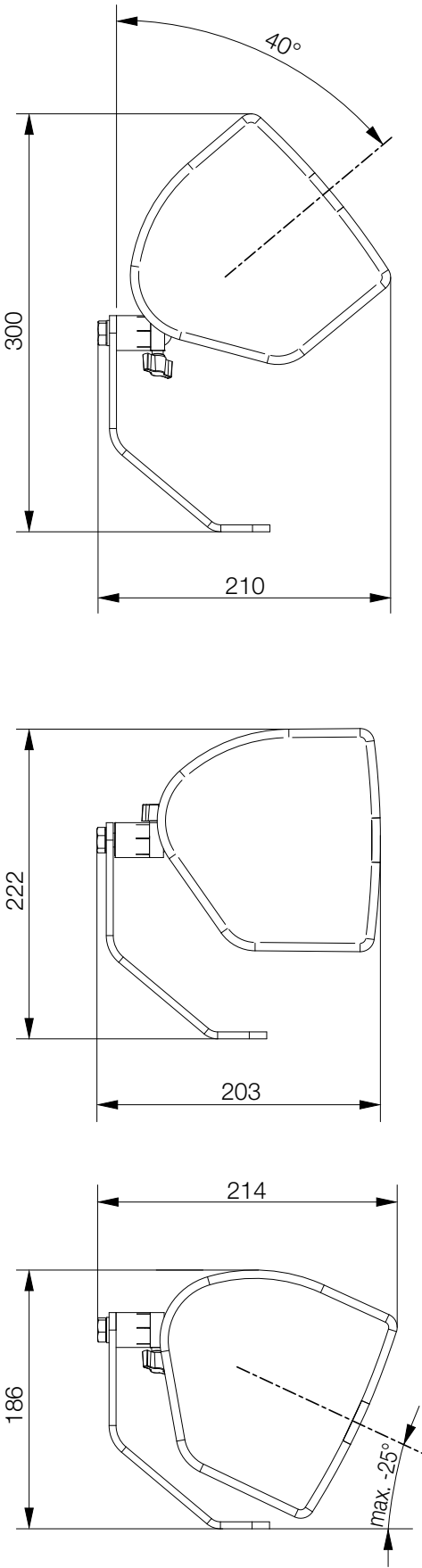


Figure 3.3.2 - Mounting bracket at C5 or C5i loudspeaker cross

3.3.3 Installation dimensions threaded rod to ceiling

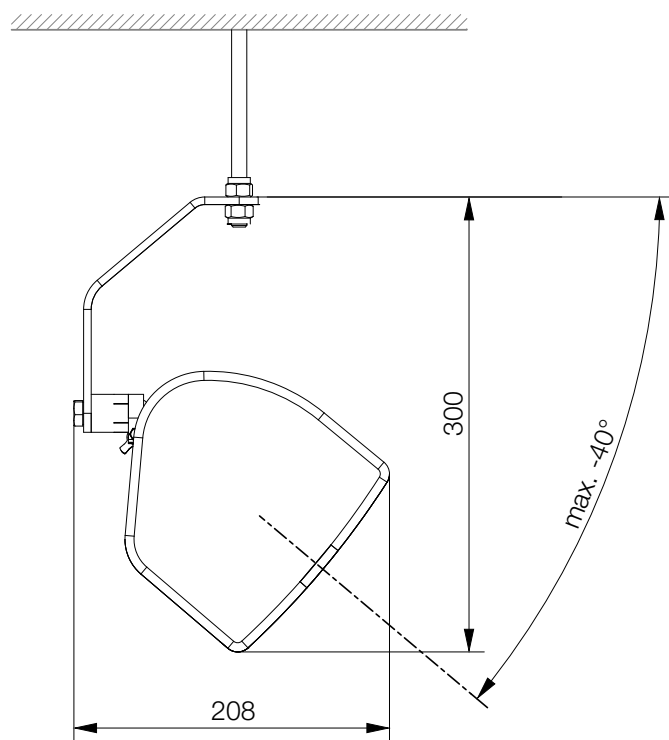


Figure 3.3.3.1 - Installation dimensions C5 or C5i loudspeaker tilted downwards

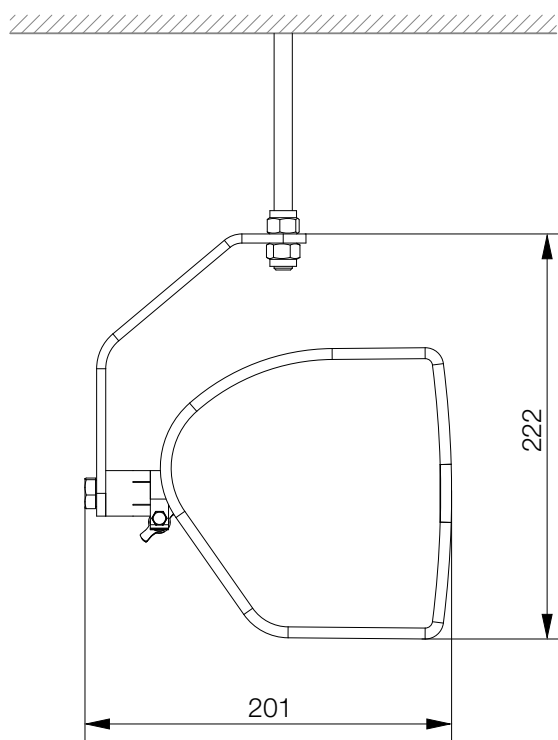


Figure 3.3.3.2 - Installation dimensions C5 or C5i loudspeaker straight

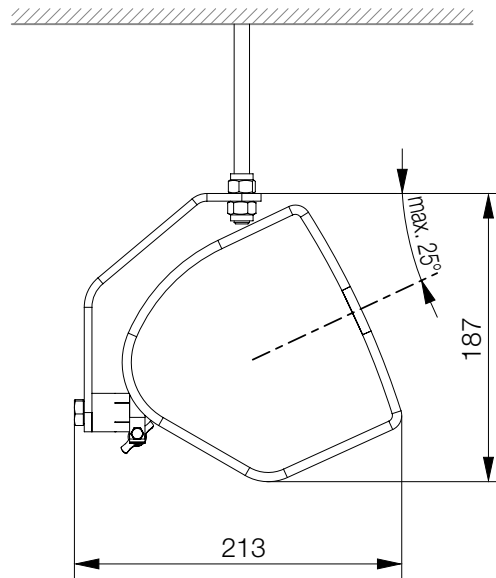


Figure 3.3.3.3 - Installation dimensions C5 or C5i loudspeaker tilted upwards

3.3.4 Pre-assemble the mounting bracket



Mount the hexagon screw (see figure 2.1, No. 1), the spring washer (see figure 2.1, No. 8), the mounting bracket (see figure 2.1, No. 3) and the ball mount (see figure 2.1, No. 6).

Tighten the screw sufficiently! (18Nm)



Check that the spring washer is present between the hexagon screw and the mounting bracket!

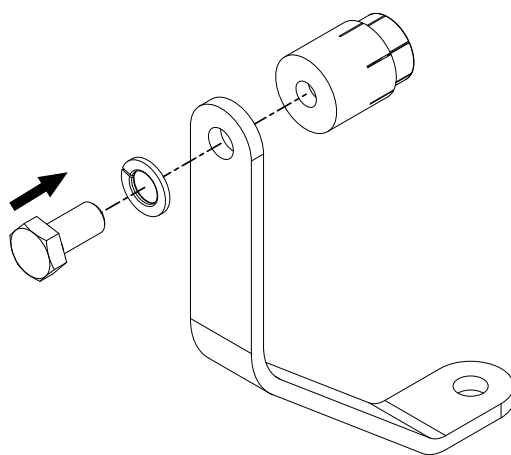


Figure 3.3.4 - Pre-assemble the mounting bracket

3.3.5 Attaching the pre-assembled mounting bracket to a threaded rod



When attaching the mounting bracket to a threaded rod attached to the ceiling, observe the warnings listed in Chapter 1 and use the appropriate fastening material.

Please note that the two M10 hexagon nuts with clamping part are not included in the scope of delivery.

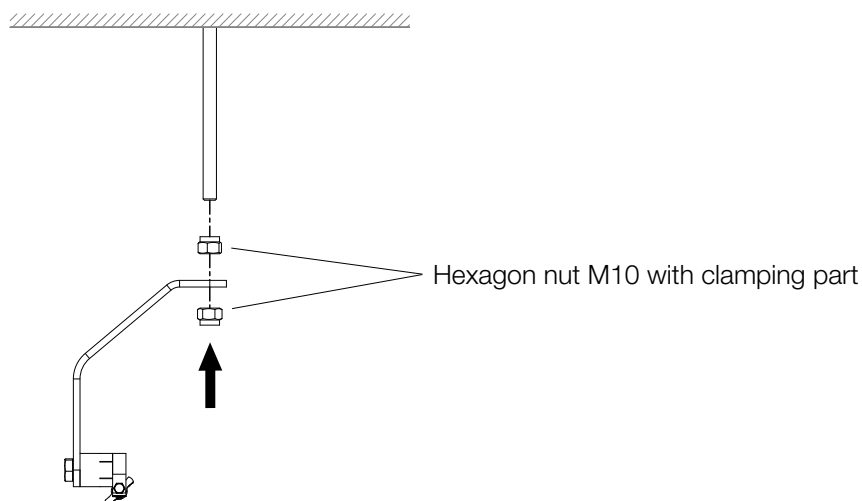


Figure 3.3.5 - Attaching the pre-assembled mounting bracket to a threaded rod

3.3.6 Mounting bracket attachment on the HSA10I



Mount the pre-assembled mounting bracket to the HSA10I using the hexagon screw (see figure 2.1, No. 1).

Tighten the screw sufficiently! (18Nm)

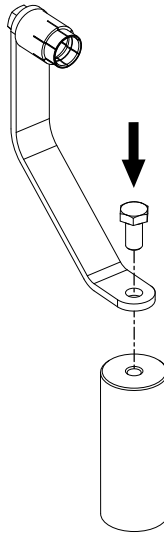


Figure 3.3.6 - Mounting bracket attachment on the HSA10I

3.3.7 Mounting bracket attachment on the HSA10A



Mount the pre-assembled mounting bracket to the HSA10A using the hexagon nut (see figure 2.1, No. 9).

Tighten the screw sufficiently! (18Nm)

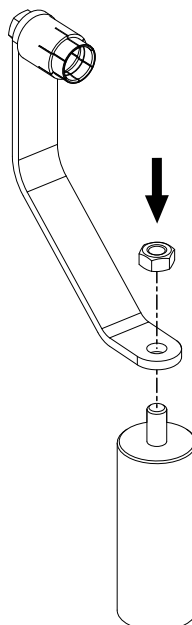


Figure 3.3.7 - Mounting bracket attachment on the HSA10A

3.3.8 Mount the ball pin at the C5 or C5i loudspeaker



Mount the ball pin (see figure 2.1, no. 7) at the C5 or C5i loudspeaker.

Tighten the ball pin sufficiently! (18 Nm)

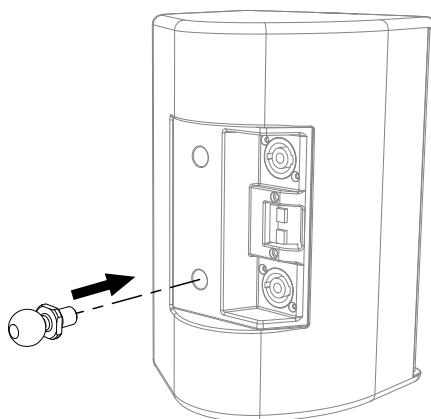


Figure 3.3.8 - Mount the ball pin at the C5 or C5i loudspeaker

3.3.9 Clamp on ball pin



Place the clamp with thumbscrew (see figure 2.1, No. 5) on the ball pin.

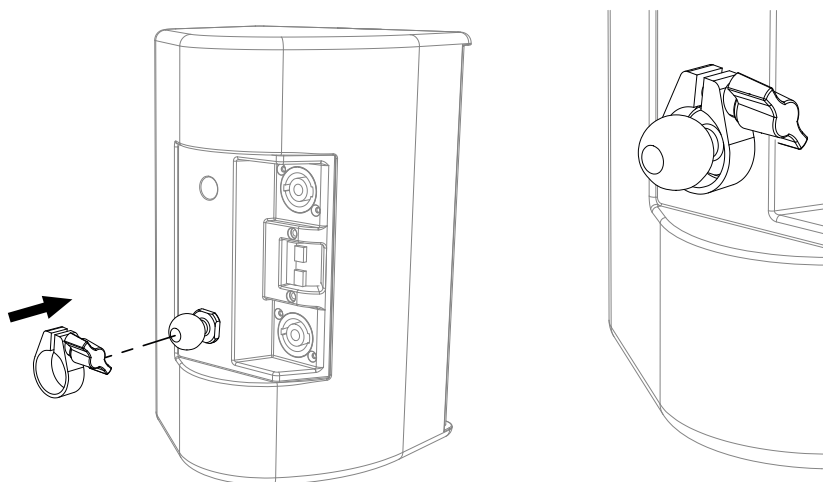


Figure 3.3.9 - Slide clamp on ball pin

3.3.10 Attaching the pre-assembled mounting bracket to the C5 or C5i loudspeaker



Plug the pre-assembled mounting bracket (see figure 3.3.4) onto the ball pin.

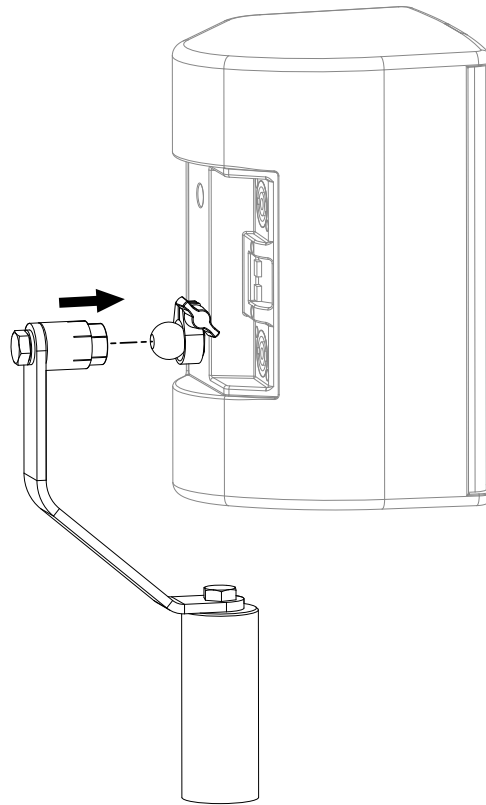


Figure 3.3.10.1 - Attaching the pre-assembled mounting bracket



Slide the clamp with thumbscrew onto the ball mount.

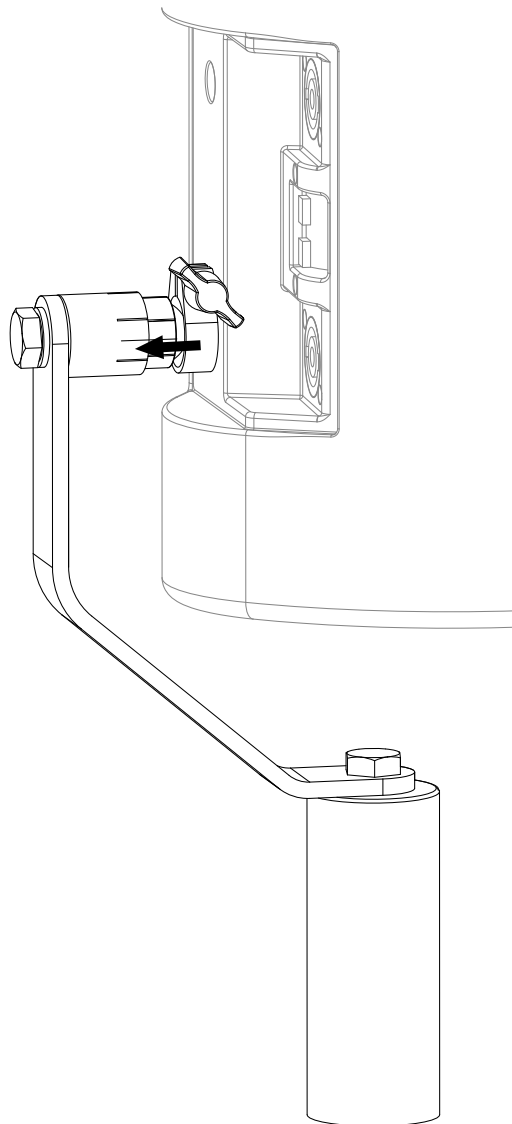


Figure 3.3.10.2 - Slide the clamp with thumbscrew onto the ball mount



Tighten the thumbscrew of the clamp!

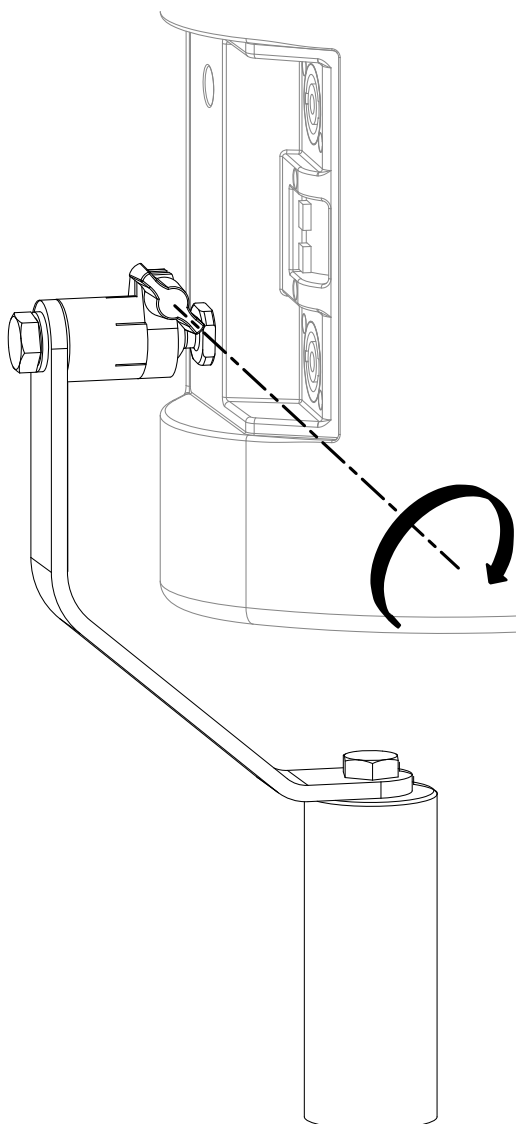


Figure 3.3.10.3 - Tighten the thumbscrew

4. Transport and storage



Ensure that the surfaces of the parts of the mounting kit are not damaged during transport and storage. Moisture may penetrate where steel surfaces are exposed by scratches and result in corrosion.

This is why the products should be transported in a safe, careful, dry and largely dust-free manner.

The following accessory parts for the mounting kit are available from TWAUDIO:

- Accessories on demand from our service.

The original packaging is unsuitable as permanent storage and transport packaging.

5. CE Conformity Declaration

Copy and translation of the original CE Conformity Declaration:



We hereby declare that the below-referenced components by virtue of their design and construction, and in the configuration placed on the market by us, satisfy the safety and health requirements of the applicable EC directives. This declaration becomes invalid in case of modifications that have not been approved by us.

This declaration applies to the following components

- MKC5

as well as all model variants based on these, provided that they correspond to the original factory models and have not been technically modified in any way.

Applicable directives:

- 2001/95/EG

Applicable national standards and technical specifications:

- DIN EN 18800
- DIN EN ISO 12100
- DGUV Vorschrift 17 und 18

Ludwigsburg, Germany, January 1st, 2021

A handwritten signature in black ink, appearing to read 'Wüstner'.

Bernhard Wüstner

6. Disposal

If you have any question regarding the disposal of used devices, please contact us under the following telephone number:

+49 (0) 71 41 - 48 89 89 0

In countries outside of the European Union, comply with local regulations.

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