

24185 Speaker wall/ceiling mount **KÖNIG & MEYER**

Stands For Music

- adjustable to any angle by special swivel joint assembly

SAFETY INSTRUCTIONS

- load bearing weight: max 10 kg
- not suitable for outdoors or moist rooms
- please refer to local mounting instructions (may possibly deviate from the examples provided in Section C)
- use 4 screws/anchors for the wall mount
- only use trained technicians to install the system
- only mount on suitable walls with the corresponding mounting materials (not included in the delivery)
- walls, that are too weak or have electrical and water conduits are not suitable. In case of doubt consult a qualified technician.
- Check the stability of the installation regularly.
- The universal ball joint is connected to the holding tube with two threaded pins **4** and may only be loosened when changing the position of the loudspeaker. In this process it is best to have two people hold the loudspeaker to ensure that it does not dislodge.
- Careful and attentive handling is required when adjusting the loudspeakers, due to the possibility of pinching or wedging of your hand.
- Check to ensure that the loudspeaker is suitable; particularly the threaded bushings.

INSTRUCTIONS

A PARTS Are all listed parts in the delivery and in working order?

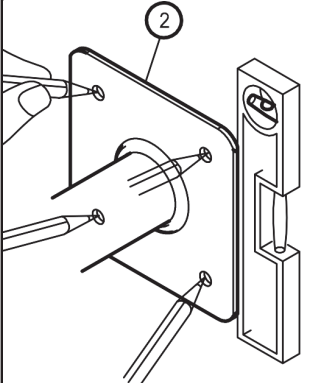
1 Threaded bolt 3/8" / **2** Wall plate with support tube

3 Joint / **4** Pointed threaded pin M6 x 10 mm (2x)

5 Allen wrench SW3 for M6 / **6** Adapter 3/8" to 5/8" (only for 24185-517-55)

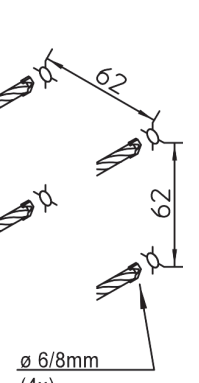
ATTACH WALL PLATE TO THE WALL

B 1. Find a location on the wall where you wish to mount the wall plate, ensuring that it is vertical.
2. Mark the drill holes.



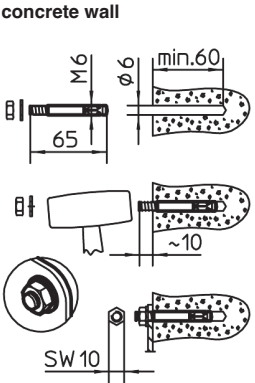
62
62
Ø 6/8mm (4x)

3. Drill the holes for the wall plugs, 4x
- Ø 6 for anchor bolts
- Ø 8 for dowels



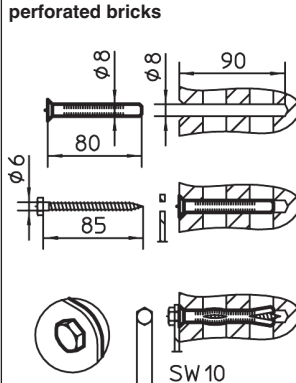
C 2. a. For installation into stone or masonry walls, use an appropriate wall anchor (not supplied).
b. For installation on a wood or plaster wall, it is recommended that the wall adapter be attached to a supporting wall stud, or other suitable support. The two Center holes in the wall plate can be used for a stud wall installation.

concrete wall



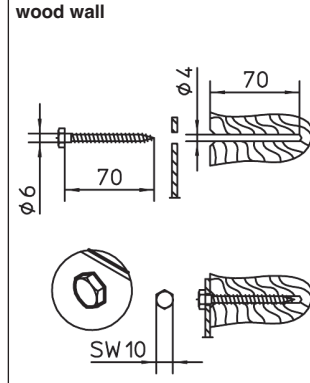
M6
65
Ø 6
min. 60
~10
SW 10

perforated bricks



Ø 8
80
90
85
Ø 6
SW 10

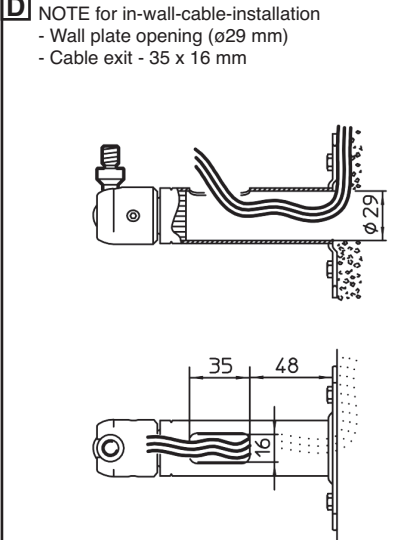
wood wall



Ø 4
70
70
Ø 6
SW 10

POSITION OF THE CABLE OPENING MOUNT THE JOINT AND THREADED BOLT

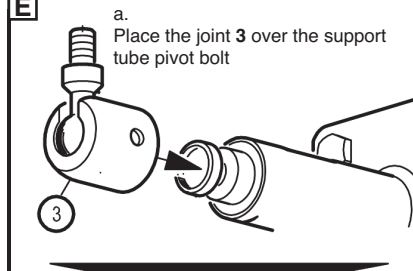
D NOTE for in-wall-cable-installation
- Wall plate opening (Ø29 mm)
- Cable exit - 35 x 16 mm



Ø 29
35 48
16

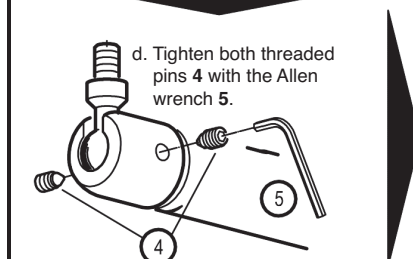
E

a. Place the joint **3** over the support tube pivot bolt



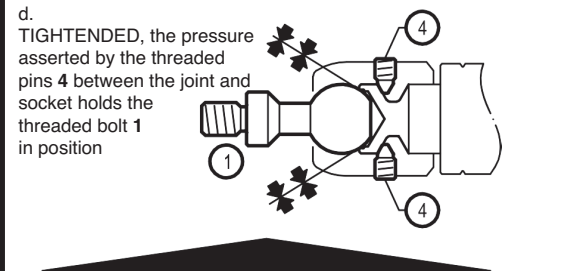
3

d. Tighten both threaded pins **4** with the Allen wrench **5**.



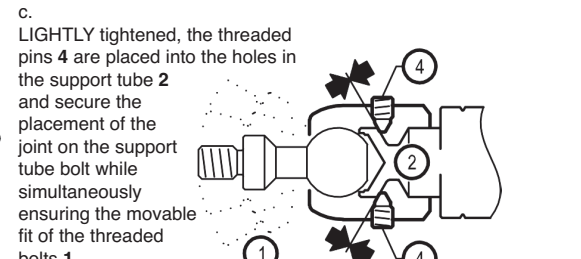
4 **5**

d. TIGHTENDED, the pressure asserted by the threaded pins **4** between the joint and socket holds the threaded bolt **1** in position



1 **4**

c. LIGHTLY tightened, the threaded pins **4** are placed into the holes in the support tube **2** and secure the placement of the joint on the support tube bolt while simultaneously ensuring the movable fit of the threaded bolts **1**.



1 **2** **4**

SPEAKER MOUNTING

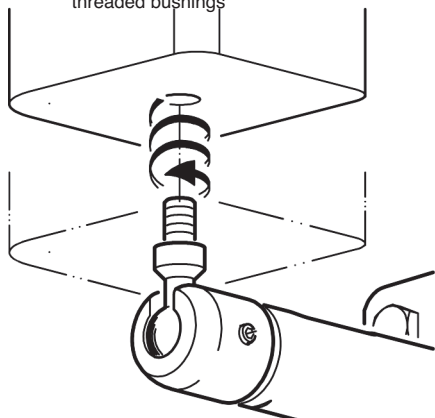
F NOTE: For safety reasons ensure that two people perform this work: one for the loudspeaker and one for the threaded bolts.

To connect the loudspeaker to the threaded bolts we offer the following two options:

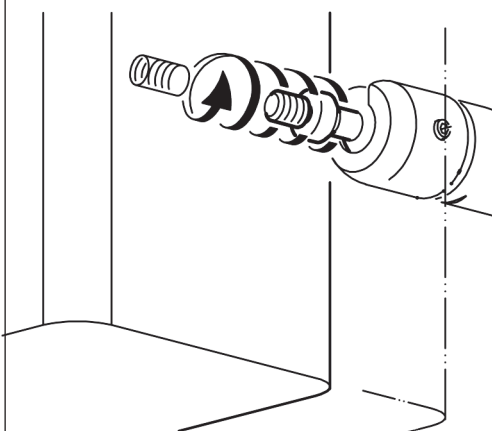
1. The loudspeaker is screwed in as far as it will go* on the fixed threaded bolt of the mount (refer to **E.d**).

This is particularly the case if:

- a. smaller loudspeaker housings
- b. the floor of the box has sunken-in threaded bushings



2. The LOOSE fixed threaded bolts (refer to **E.c**) are screwed as far as they will go* into the loudspeaker. Usually with:
 - a. larger loudspeaker housings
 - b. loudspeaker threaded bushings are located on the back wall



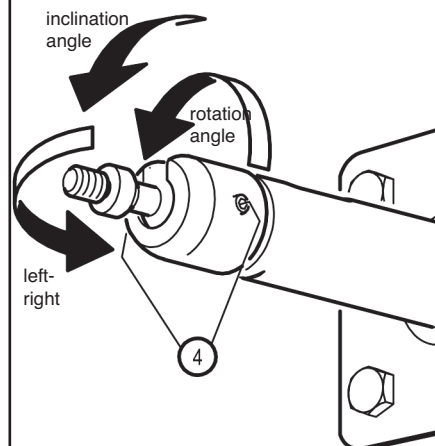
* Screwing it in as far as it will go can result in loudspeakers that are not squared up properly. The way to correct this is described in Section **G**.

SPEAKER ADJUSTING

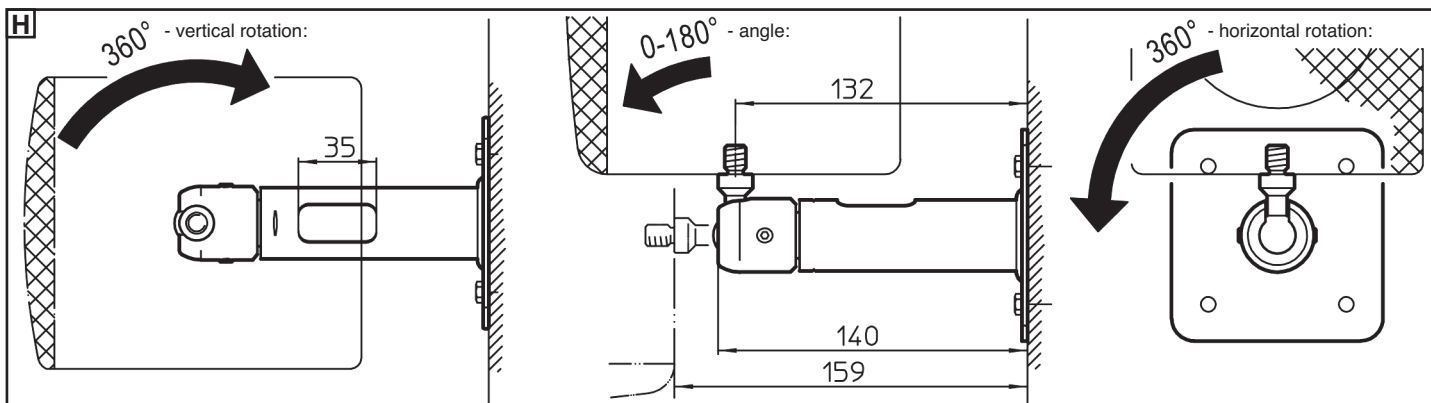
G Variable adjustments both for angle and direction.

- a. Hold the loudspeaker
- b. loosen both threaded pins **4** somewhat,
- c. Place the loudspeaker in the desired position
- d. Re-tighten both threaded pins.

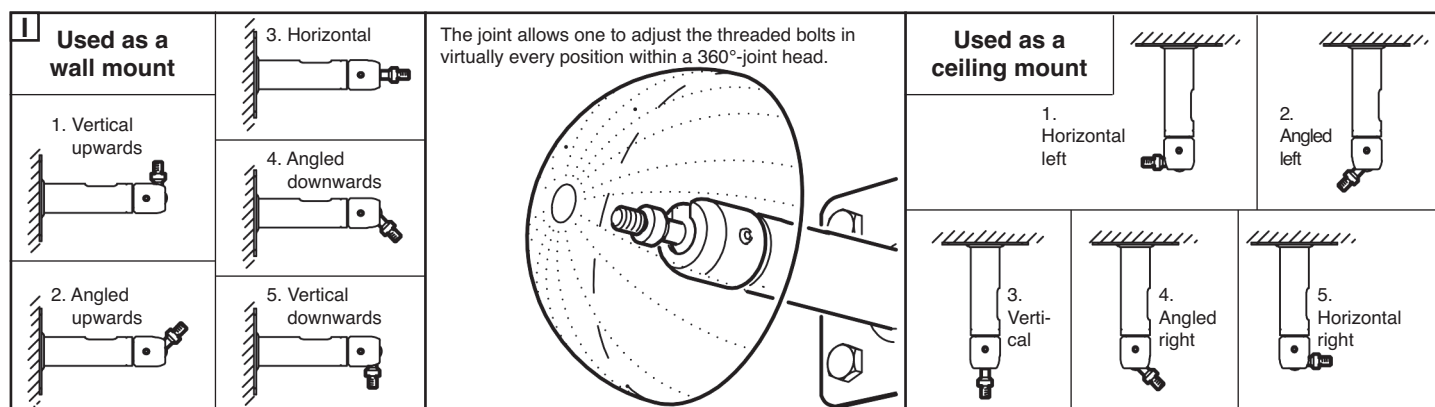
NOTE: For safety reasons ensure that two people perform this work.



DIMENSIONS & SETTINGS



THE MOUNT IN DAY TO DAY USE - APPLICATION EXAMPLES



CHECKING, MAINTENANCE, CLEANING

- During maintenance work, watch out for possible injuries
- Inspect bolted assemblies regularly
- For cleaning it is best to use a damp cloth and a mild, nonabrasive detergent.

FAULT FINDING (F) and REPAIR (R)

F - Speaker sits loosely of the threaded bolt

R - Check screws, if needed tighten screws

- Check the threaded inserts of the loudspeakers

F - The loudspeaker does not stay in its position

R - Check the weight of the loudspeaker (max. 10 kg)

- Tighten threaded pins **4**

TECHNISCHE DATEN

Material	Tubes, Plates - steel, black powder coated swivel joint - zinc die-cast, black powder coated Gewindestifte, Klemmbolzen - Stahl, verzinkt
Load	Speaker, max. 10 kg
Dimensions	Wall plate: 95 x 95 mm, Depth: 159 mm
Weight	0.7 kg

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GENERAL SAFETY AND ASSEMBLY INSTRUCTIONS

MOUNTING ACCESSORIES for overhead installations (e.g. wall, ceiling and truss mounts)

1. General safety instructions

These mounting accessories may only be mounted and used:

- by qualified personnel familiar with the relevant regulations,
- in accordance with local and state regulations and the regulations for occupational insurance schemes
- as described in the assembly instructions (=installation and operating instructions),
- after a fault-free functional and visual inspection (completeness, operational safety; special attention must be paid to deformations, notches, cracks, wear, damage to threads; corrosion and legibility of markings),
- without changing or processing the components,
- indoors (not in damp rooms).

2. General installation instructions

- The installation should be carried out by qualified personnel.
- Depending on the nature of the walls/ceilings and the type of load, fasteners of suitable design and sufficient dimensions must be used.
- In particular take into account the reduced load-bearing capacity of wall and ceiling coverings, facing plywood and insulation panelling.
- The specified tightening torques must be observed for all screw connections. If nothing is specified, the maximum tightening torques for the respective screw connection apply.

3. Safety measures

Box systems must be secured against falling down in the area of stages or studios. A distinction is made between two types of protection:

1. Mobile installation (e.g. flying speakers, installation using C-hooks on trusses, manually detachable fastening elements) requires a second, independently acting safety element on the unit.
2. Stationary mounting allows the second securing element to be dispensed with if the fastening is sufficiently dimensioned and can only be detached with tools plus being protected against self-loosening.
Nevertheless, we recommend using a second securing element.

4. Safety factors

Fasteners of loudspeaker boxes are safety-relevant parts that can endanger life and health of people in case of failure. Depending on the country in which the article is used, the country-specific standards and guidelines for the sector "loudspeakers" must be observed respectively followed.

5. Inspection and maintenance

Overhead mounting is highly security relevant and requires an appropriate awareness of the potential danger. A safety inspection of the mounting accessories is essential. If damage and/or malfunctions are found on accessories, the product must not be used again until it has been completely overhauled.

- First of all, a visual and functional check must be carried out before initial operation, paying particular attention to deformations, cracks, wear, corrosion, fault-free functioning and the legibility of markings.
- A regular inspection of fastening and accessory parts is recommended and also mandatory in many countries. We recommend an annual visual inspection by qualified personnel and additionally a detailed inspection by an official expert every four years.
- We urgently recommend keeping an inspection logbook for the recurring tests where all accessories are entered together with their data and where they can be viewed at any time for possible inspections.