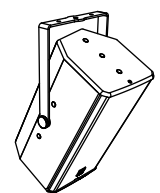




EN | | VERSION 1.0 | 10/23/2020



USER'S MANUAL

K&F CA 106 PRO U-type Speaker Mount

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1 Introduction

1.1 Icons Used



This icon indicates a risk of injury or death. Not following these instructions may result in serious health problems including potentially fatal injuries.



This icon indicates a possibly dangerous situation. Not following these instructions may cause minor injuries or damage.



This icon marks instructions for proper use of the described products. Not following these instructions may cause malfunctions or damage.



This icon marks information provided for simplified use of the described products.

1.2 About this user's manual

EN | Translation of the original instructions

All KLING & FREITAG manuals are originally authored in German.

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All specifications regarding the features of the described products and applicable safety guidelines provided in this manual are based on information available at the time of publishing.

We assume no responsibility for technical specifications, dimensions, weights, and properties.

All information in this manual is subject to change without notice.

To ensure safe operation, all persons using the speaker system must have access to these user's manual and all other relevant material during installation. Ohne dieses gelesen, verstanden und griffbereit vor Ort zu haben, darf das Lautsprechersystem weder aufgebaut noch eingesetzt werden.

KLING & FREITAG spare manuals are separately available for order or can be downloaded from our website: www.kling-freitag.de

Contact Us: info@kling-freitag.de

KLING & FREITAG GMBH, Wohlenbergstr. 5, D-30179 Hannover

Phone +49 511 96 99 70, fax +49 511 67 37 94 (other countries)

2 Intended Use

Mount this speaker mount to a K&F CA 106 PRO speaker only. When doing so, be sure to mount the speaker mount to the threaded inserts centrally located on the two longest side panels of the speaker.

Be sure to mount this speaker mount vertically at all times!

Also, be sure to use accessories to the CA 106 PRO speaker system for stationary indoor installations only. The system is not designed for repeated assembly, reconfiguration, disassembly, or transport.

Any use not described in this User's Guide is not an intended use.

Unauthorized changes to the product are not permitted.

3 Product Description

The CA 106 PRO U-type Speaker Mount is a holder used for suspending or putting up CA 106 PRO speakers. You can direct the speaker properly using the appropriate accessories.

The U-type Speaker Mount is fastened to the speaker by means of two captive thumbscrews inserted into the threads centrally located on each long speaker side panel. You can vertically align and fasten the speaker along the axis of rotation of this connection. The speaker mount can be screwed directly to the ceiling or be suspended either using two eyebolts or centrally from a support such as a pipe clip. You can also mount the CA 106 PRO Speaker Mount to a stand using an appropriate adapter. This allows for vertical speaker alignment on the stand.

3.1 Optional Accessories

Optional accessories provide for more fastening options:

TV spigot 20 mm

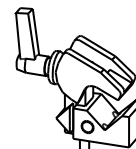
Colour: black



Super Clamp

for 30 – 50-mm pipes or plates, 15 kg load (max.), incl. M10 threaded pin for fastening U-Mount Wall/Ceiling brackets or adjustable speaker mounts

Colour: black



Pipe Clamp

for 30 – 50-mm pipes, 20 kg load (max.), incl. M10 threaded pin for fastening U-Mount Wall/Ceiling brackets or adjustable speaker mounts

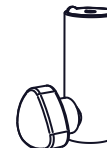
Colors: black or aluminum



Stand socket M10

for fastening a speaker mount to a stand, incl. M10 x 25 mounting screw, washer, and spring washer (black)

Colour: black



M8 x 20 eyebolt

Colour: black

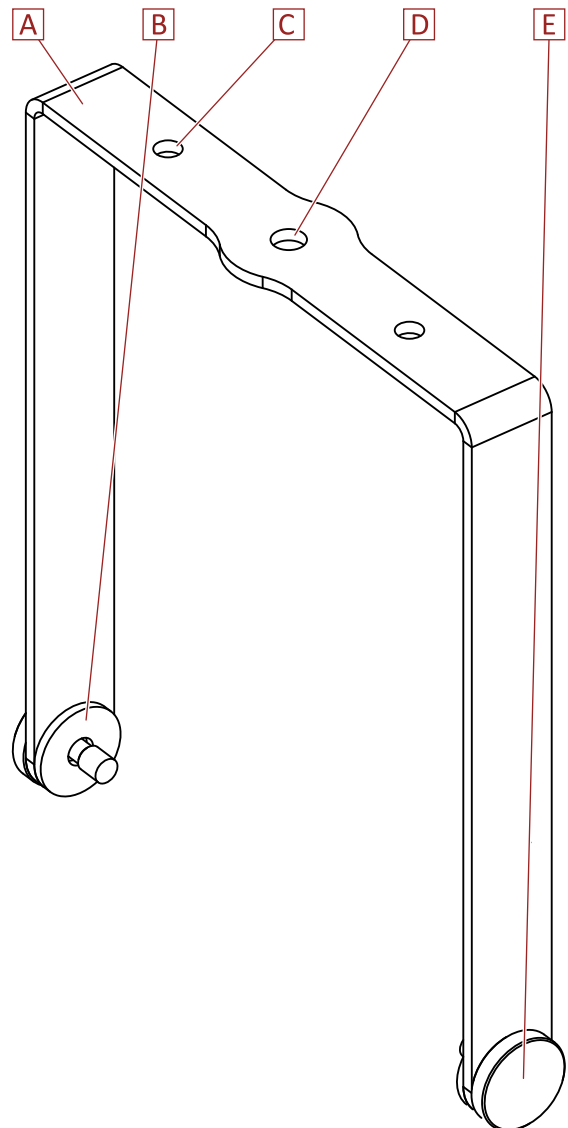


3.2 Items Included

- U-type Speaker Mount (1 item)
- Manual (1 item)

3.3 Speaker Mount Parts and Features

- [A]** U-type Speaker Mount
- [B]** Rubber washer
- [C]** 2 holes for M8 bolts
- [D]** Hole for M10 bolt
- [E]** Thumbscrew

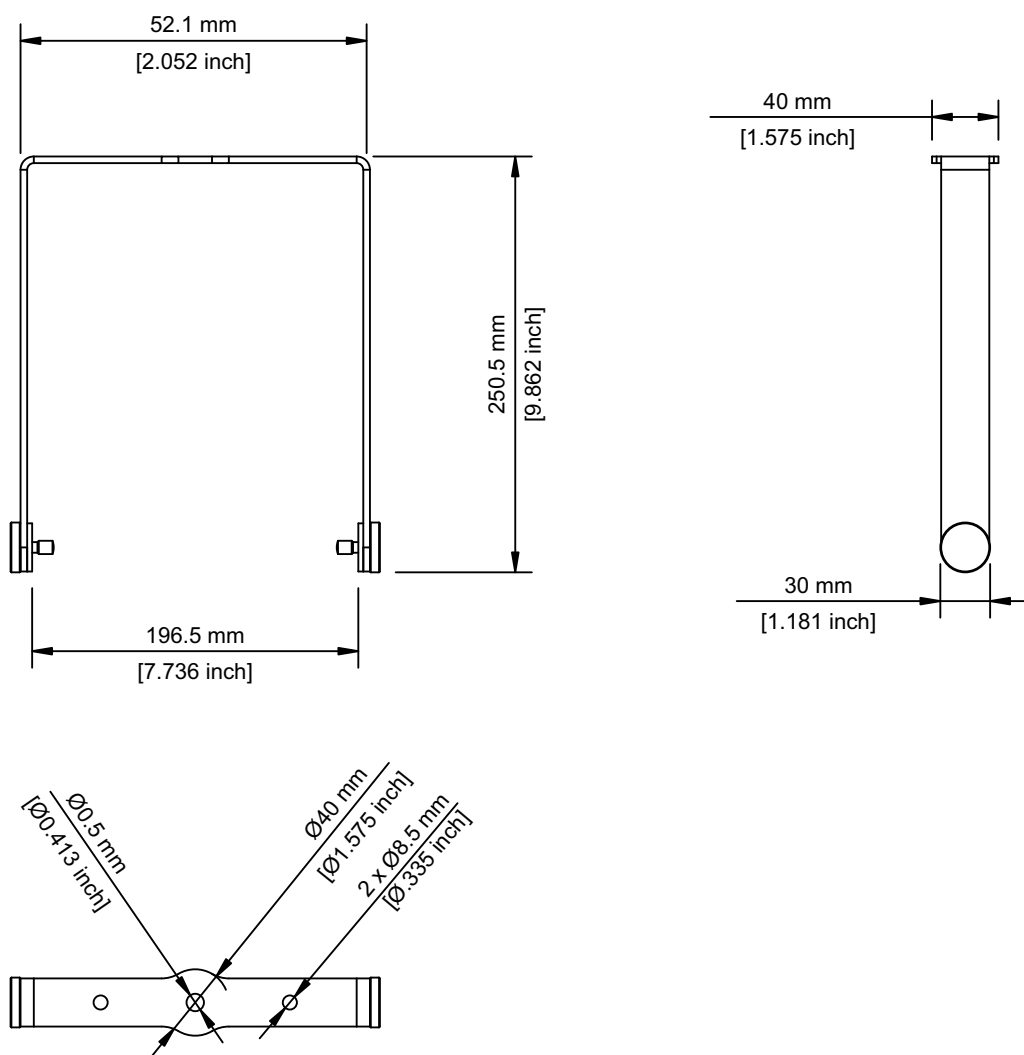


3.4 Technical Specifications

3.4.1 Overview

Load capacity	1 CA 106 PRO speaker
Weight	0.7 kg
Colors	RAL 9005 (black), standard RAL 9010 (white), standard RAL spot color, on request

3.4.2 Dimensions



4 Safety Instructions

WARNUNG

Risks imposed by falling or overturning parts

- Be sure to install, suspend, fasten, and use Kling & Freitag speaker accessories only using the designated fixtures as specified in this document.
- During installation, be sure to cordon off the installation site to prevent any risks caused by falling parts.

Safety Instructions for Suspending the Speakers

Suspended loads pose a safety risk.

- Have all installation works including suspension as well as wall or ceiling mount performed by qualified event technicians or appropriately trained persons.
- Only qualified technicians are permitted to perform the installation steps. Be sure to use personal protective equipment at all times.
- Be sure to have all works carried out by untrained hands checked and approved by a qualified expert.
- The technicians installing the speaker on site are responsible for and guarantee safe setup and use.
- Before installing, check the stability, strength, and materials of walls, ceilings, and boarding. For example, always use appropriate wall anchors for panels and check for sufficient strength.
- Note that the suspension points on the hall ceiling (i.e. shackles, attachment points, or chain hoists) must comply with the DGUV regulations 17 (BGV C1) or similar locally applicable accident-control standards. The maximum load must have been certified by an authorized expert.
- Be sure to tighten all bolts and screws to the specified torque.
- Unless otherwise stated, use only KLING & FREITAG original parts for mounting the speakers. Never use other parts (in particular, parts not made by KLING & FREITAG).
- Make sure all fittings used are suitable for the task at hand and meet all relevant safety requirements.
- Ensure that all connections are secured against coming loose and that only authorized, statically tested and correctly sized supports, mounting equipment, wire ropes and chains are used.
- Be sure to always visually inspect all safety-related speaker and accessory components before use. If there are signs of wear, cracks, or deformation, etc., replace the affected parts immediately. Visual inspection also includes checking all screwed connections of supporting components.
- The information described here does not relieve the user of the duty to follow the given safety requirements and legal regulations.

5 Installation

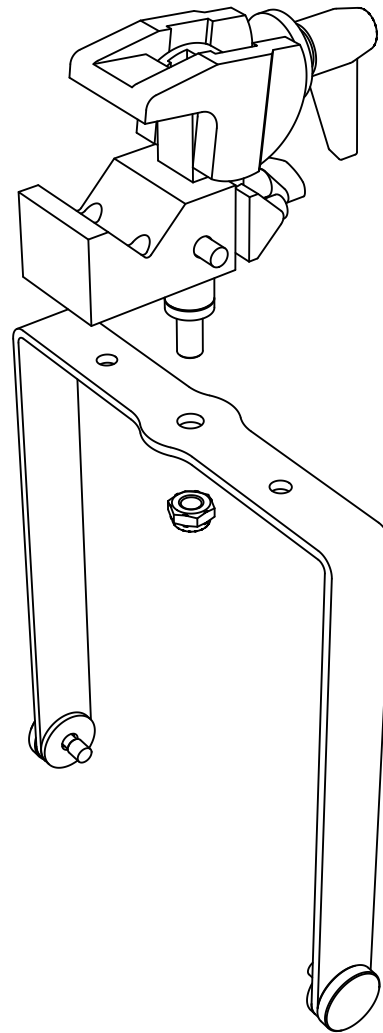
5.1 Mounting the Speaker

1. Mount any optional accessories required for installation to the holes provided in the bracket base.

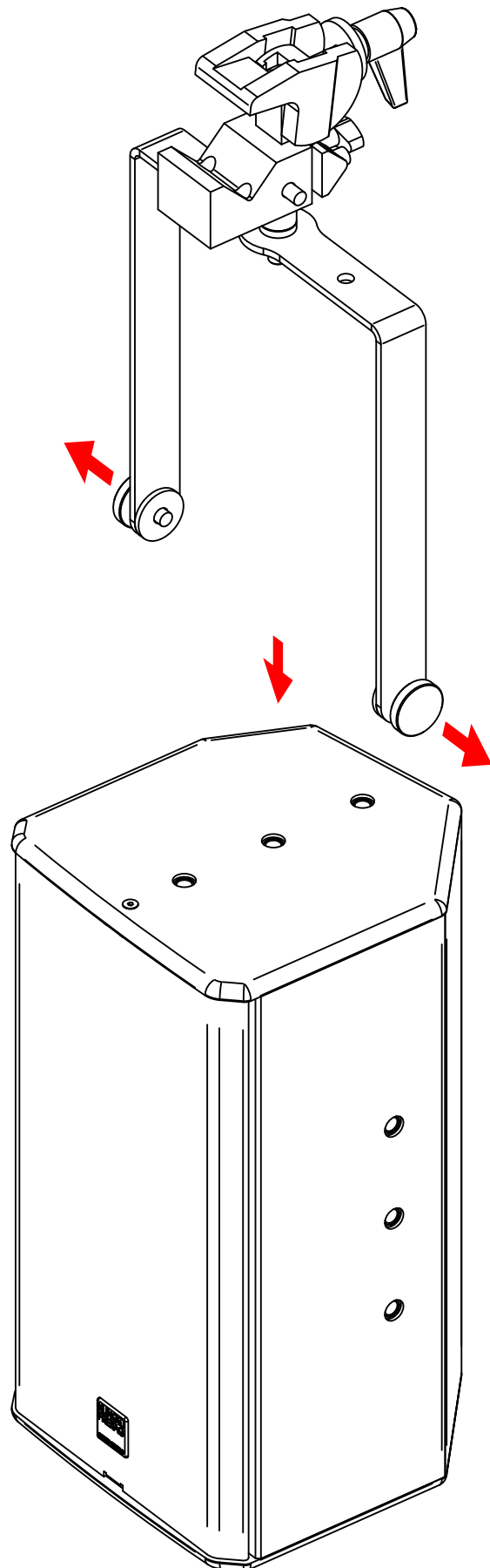
⚠️ WARNUNG

Risks imposed by falling parts

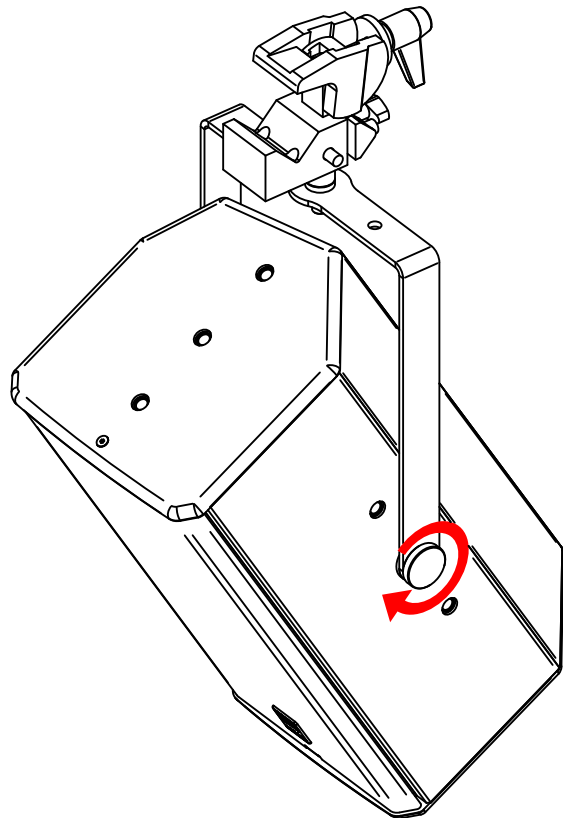
Tighten the connection to the speaker mount to prevent loosening.



2. Pull the thumbscrews outwards and slightly pull the bracket legs apart.
3. Slide the speaker mount over the side panels of the speaker and align the thumbscrews with the holes centrally located on the speaker side panels.



4. Align the speaker as desired and tighten the thumbscrews by hand as tight as possible.

**⚠️ WARNUNG****Risks imposed by falling parts**

The rubber washers provide for some protection against the thumbscrews loosening. With stationary installations, secure the thumbscrews against loosening using screw-locking fluid.

HINWEIS**Unwanted Speaker Relocation**

Always insert the thumbscrews into the threaded inserts centrally located on the speaker's side panels to make sure the speaker is suspended at the center of gravity and cannot relocate in operation.

6 Maintenance.

WARNUNG

Risk of falling parts due to undetected damage

- Visually inspect all speaker accessories before and after use.
- With stationary installations, visually inspect the entire setup every six months.
- When performing those checks, particularly look for deformations, cracks, dents, damage to threads, and corrosion. Also check slings and lifts (e.g. shackles, chains, and steel ropes) carefully for wear and deformation. The inspection must be carried out by a qualified expert.
- If as a result of these checks any uncertainty should arise with regard to safety or defects are found, don't use the speaker any longer. Contact your retailer.
- All repair work must be performed by Kling & Freitag after evaluation carried out by engineering.

- Many countries require regular inspection of mounting components and accessories. An additional annual inspection is typically required to be performed by a technical expert. Moreover, a legally certified or official authority must perform a detailed inspection every four years.
- Therefore, be sure to maintain an inspection log. Enter the values determined for each speaker and accessory during the periodic checks into this log. This way, relevant data are always at hand in case of inspection. This inspection log book shall be updated with the inspection steps, test intervals and parts lists.
- If necessary, use multifunction oil for care.

7 Transportation and Storage

This product is protected against the effects of temporary humidity and moisture, etc. Nevertheless, be sure to store, transport, and use it in dry

Make sure that the system is adequately ventilated during longer storage periods so any residual moisture can escape from the equipment.

In addition, make sure that the product is protected from mechanical strains in order to prevent damage.

To protect the speaker from the above impacts, we recommend using suitable transport and storage equipment.

8 Disposal

Dispose of this product according to local ordinance regulations.

Ensure that the product cannot be re-used or used otherwise after disposal.

9 Declaration of Conformity

EG-Konformitätserklärung

(Declaration of EG-Conformity)



Hersteller:
(Manufacturer)

Kling & Freitag GmbH
Junkersstraße 14
30179 Hannover
Deutschland

**Bevollmächtigter
für die Zusammenstellung der
technischen Unterlagen:**

(Authorized representative
for the compilation of technical
documents)

Kling & Freitag GmbH
Abt. Entwicklung
Dipl. Ing. Arne Muscheites
+49 (0)511 / 96997-50
Deutschland

Produkt:
(Product)

**Lautsprecherzubehör
CA 106 PRO U-Schwenkbügel**

Hiermit erklären wir, dass das genannte Produkt den Schutzanforderungen der folgenden EG-Richtlinien entspricht, einschließlich deren zum Zeitpunkt dieser Erklärung gültigen Änderungen:

(We hereby declare that the designated product is compliant with the safety requirements of the following EU directives - including the changes which applied at the time of the declaration:)

- 2006/42/EG, Maschinenrichtlinie (Machinery Directive)

Zur Beurteilung hinsichtlich der Einhaltung wurden folgende harmonisierte Normen herangezogen:

(Conformance of the products with the requirements is approved by compliance with the following harmonized European standards:)

Folgende internationale und nationale Normen und Vorschriften wurden angewandt:

(The following national and international standards and specifications were applied:)

- Eurocode 1/DIN EN 1991-1-1 : 12/2010
- Eurocode 3/DIN EN 1993-1-1 : 12/2010
- IEC 62368-1: 2014 (Second Edition)
- DIN EN ISO 12100 : 2011-03
- DIN ISO/TR 14121-2 : 2013-02
- DGUV Vorschrift 17 (BGV C1)

Hannover, 04.08.2020

Jürgen Freitag, Geschäftsführung (CEO)



**THANK
YOU** FOR
CHOOSING
K&F.



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