

Adjustable Speaker Mount GRAVIS 15



User's Manual

Translation of the original instructions

Version 1.4

Released: 19.01.2017



**Important Information,
Please Read Before Use!**

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1. Introduction

Thank you for purchasing a KLING & FREITAG product. To guarantee trouble-free operation and enable the KLING & FREITAG GRAVIS 15 speaker system to achieve its full potential, please read these user's manual carefully before use. This item is a quality accessory for the GRAVIS 15 speaker system. Combining it with your existing speaker system creates an extremely versatile pro-grade tool that meets all requirements in terms of audio quality and safe installation.

1.1 Icons Used



Warning

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



Caution

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



Notice

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



Tip

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

1.2 About these user's manual

© KLING & FREITAG GMBH. All rights reserved.

All specifications regarding the features of the described products and applicable safety guidelines provided in these user's 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 these user's manual is subject to change without notice.

To ensure safe operation, all persons using the speaker accessories must have access to this guide and all other relevant material during installation. The speaker accessories must not be set up nor operated unless these user's manual has been read, understood and kept readily available on site.

The original language of all KLING & FREITAG user's manuals is German.

If you need user manuals from KLING & FREITAG, you can order a replacement or download it from our www.kling-freitag.de.

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2. Product Description

2.1 Intended Use



Warning

The adjustable speaker mount GRAVIS 15 is solely for commercial use and may only be used with the loudspeaker GRAVIS 15 in the manner described here.

The Adjustable Speaker Mount GRAVIS 15 may not be used to lift and secure people or objects other than the above-mentioned speaker systems.

The Adjustable Speaker Mount GRAVIS 15 is protected from temporary climatic conditions. For long-term use, however, it is designed to be used indoors only.

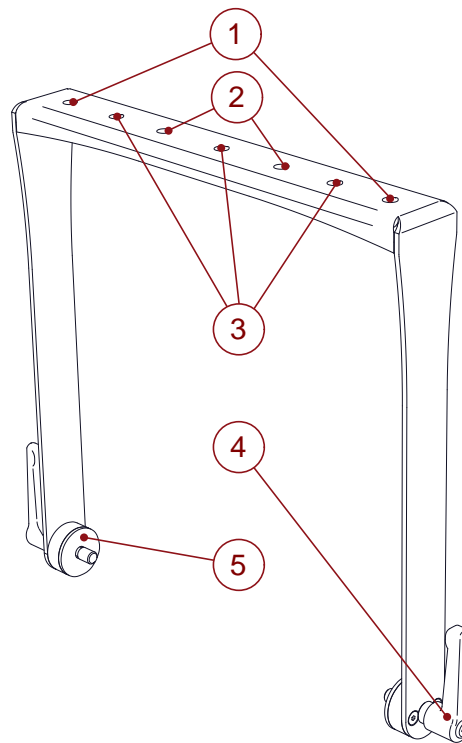
When used with the TV spigot 20 mm and the TV hook clamp, the Adjustable Speaker Mount GRAVIS 15 can be mounted on trusses or pipes with a diameter of 30 – 50 mm.

With the M10 flange you can mount the Adjustable Speaker Mount GRAVIS 15 on a speaker stand or a distance rod.

2.2 Items Included

- Adjustable Speaker Mount GRAVIS 15 with captive metal clamp lever
- (1x) User's Manual

2.3 Components



1. Thread M10
2. Thread M8
3. Drill hole Ø 10.5 mm
4. Clamp lever
5. Rubber washer

3. Safety Instructions

3.1 Mounting the Speakers / Wall and Ceiling Installation



Warning

Suspended loads pose a safety risk.

Only qualified technicians are permitted to perform the installation steps. Be sure to use personal protective equipment at all times.

The technicians installing the speaker on site are responsible for and guarantee safe setup and use.

Never use signal cables or power cords for suspending, aligning, or securing the systems.

Before installing, check the stability, strength, and materials of walls, ceilings, and boarding. For example, use suitable rawlplugs for wall panels and make sure the strength is sufficient.

Note that the suspension points on the hall ceiling (i.e. shackles, attachment points, or chain hoists) must comply with the DGUV regulations 17 and 18 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.

3.2 Admissible load capacity

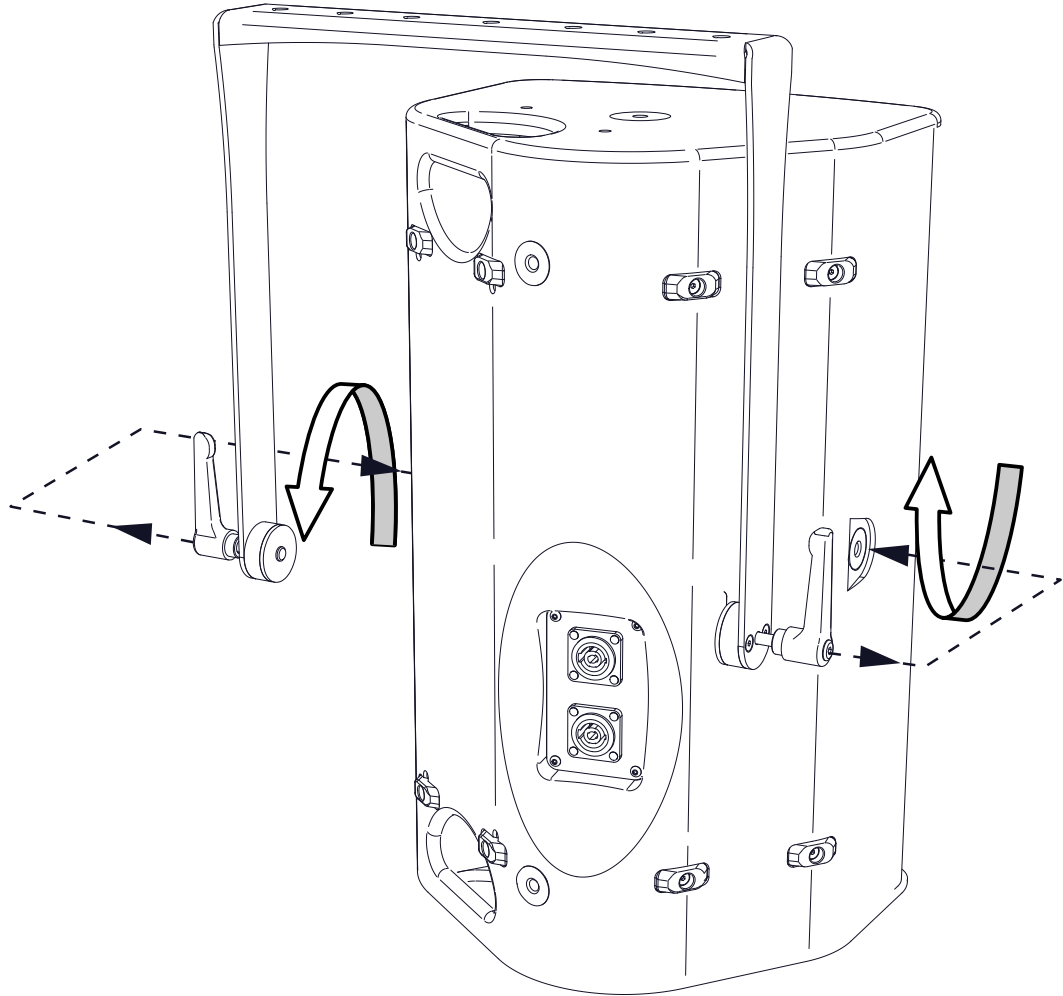


Warning

The speaker accessory Adjustable Speaker Mount GRAVIS 15 may only be loaded with one speaker model GRAVIS 15.

The speaker accessories may [...] mounted.

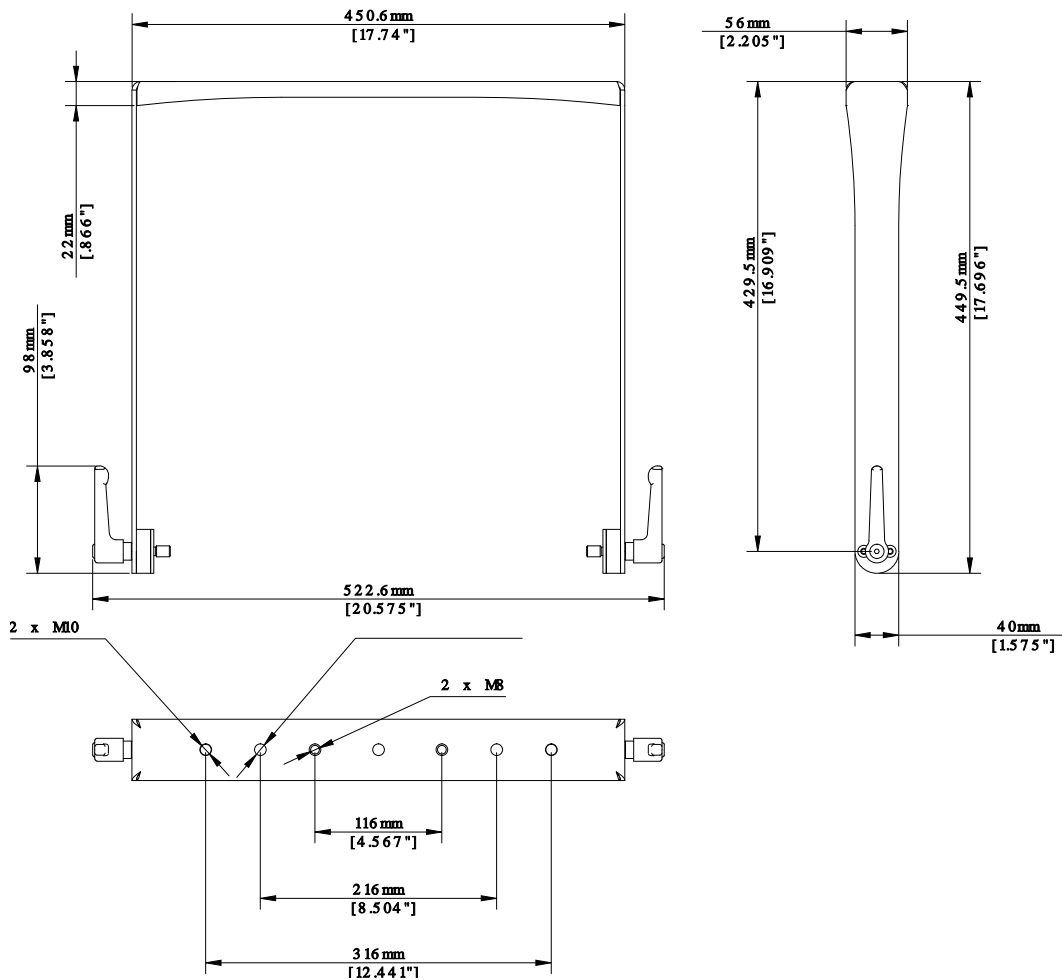
4. Installation and Usage Instructions



1. Pull the clamp lever outward.
2. As shown, position the clamp lever thread of the swivel arm above the M10 thread in the sides of the speakers and tighten the swivel arm slightly.
3. Adjust the speaker as desired.
4. Tighten the clamp lever.
5. Pull the clamp lever outward. Turn the clamp lever to a visually appealing position.

5. Dimensions and Weight

Self-weight: 2.8 kg



6. EC Declaration of Conformity

according to EC Machinery Directive 2006/42/EG

We:

KLING & FREITAG GmbH
Junkersstr. 14
30179 Hanover
Germany

hereby declare under our own responsibility that the following product(s):

Type:

Mechanical speaker accessory


Model(s):

Adjustable Speaker Mount GRAVIS 15

complies with the requirements of the EC health and safety directives.

The following standards have been applied:

- DIN EN ISO 12 100
- DIN EN 18 800
- BGV C1

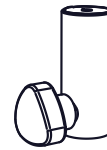


Hannover, January 5, 2016

Jürgen Freitag (CEO)

7. Accessories

Stand socket M10



M10 x 17 Eyebolt



Pipe Clamp for TV Spigot



TV spigot 20 mm



**Warning**

8. Care and Maintenance

1. For the owner and user, it is mandatory to be aware that speaker accessories used to fly or mount the speakers are fundamentally safety-relevant.

Note that the mains cables are delivered with varying connector options or with open wires (mains side), depending on the country or order number.

The accessory Adjustable Speaker Mount GRAVIS 15 can exhibit signs of wear over the years, i.e. from mechanical strain, transport damage, corrosion, or improper handling.

As a basic principle, you must visually inspect the speaker accessory Adjustable Speaker Mount GRAVIS 15 before and after you use it. For fixed installations, you must inspect it for signs of wear at regular intervals.

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.

If as a result of these checks any uncertainty should arise with regard to safety or if specific faults are found, the Adjustable Speaker Mount GRAVIS 15 system may no longer be used and you must send in the product to KLING & FREITAG GmbH for inspection and repairs, if necessary. If defects are ascertained, then you must send in the product to KLING & FREITAG GmbH for inspection and repairs, if necessary.

Inspection regulations may vary depending on application and country of use. Observe all applicable regulations; when in doubt, contact the local authorities.

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. The log should also document maintenance measures and inspection intervals and contain parts lists.

2. Clean this speaker accessory regularly using a corrosion-prevention penetrating oil (for example, WD-40®).

9. Transportation and Storage

The speaker accessory Adjustable Speaker Mount GRAVIS 15 is protected against short term moisture. Store, transport, and use the accessories in dry environments only. This speaker accessory is not designed for long-term use in a corrosive environment.

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

Furthermore, you have to ensure that the accessory Adjustable Speaker Mount GRAVIS 15 is protected from mechanical strain to prevent possible damage.

10. Disposal

Dispose of this product in compliance with your national regulations.

Ensure that after being disposed of that this product cannot be used again or in any other way.

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