K&M KÖNIG & MEYER
Stands For Music

21364 Distance Rod »Ring Lock«

- steel connecting rod for satellite systems
- load up to 35 kg
- technical information: expanding mandrel system ø 35-37 mm, threaded bolt M20, total height: 880 mm, weight: 1.2 kg

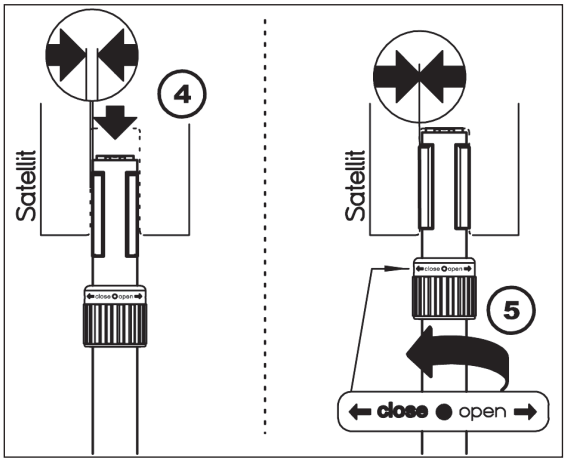
Thank you very much for selecting this product. These instructions provide the information on all the important assembly and handling steps required for assembly. We recommend that you store a copy of these instructions for future use.

SAFETY NOTICES

- The load of 35 kg only applies in conjunction with a proper installation of subwoofer and satellite speaker, i.e.:
  A. level and sustainable surface
  B. The subwoofer must be heavier than the satellite
  C. Satellite is to be secured against sideways impact.
- Ensure functioning speaker material, in particular the mounting adapter must be the correct size and quality.
- Pay attention to the fixed screw connections on the distance rod and connector plate.

ASSEMBLY INSTRUCTIONS

1. Subwoofer must have a M20 female thread (for example: K&M-Adapter 24116).
2. Screw the distance rod with theaded bolt in the subwoofer ensuring a tight fit.
   OBSERVE: a loose thread connection should always be tightened.
3. Adjust the expanding mandrel system ring lock towards OPEN to the smallest diameter.
4. Place the satellite on the upper expanding mandrel system.
5. Now turn the upper ring lock to the left (direction CLOSE) until the splints fit tightly.



USER INFORMATION

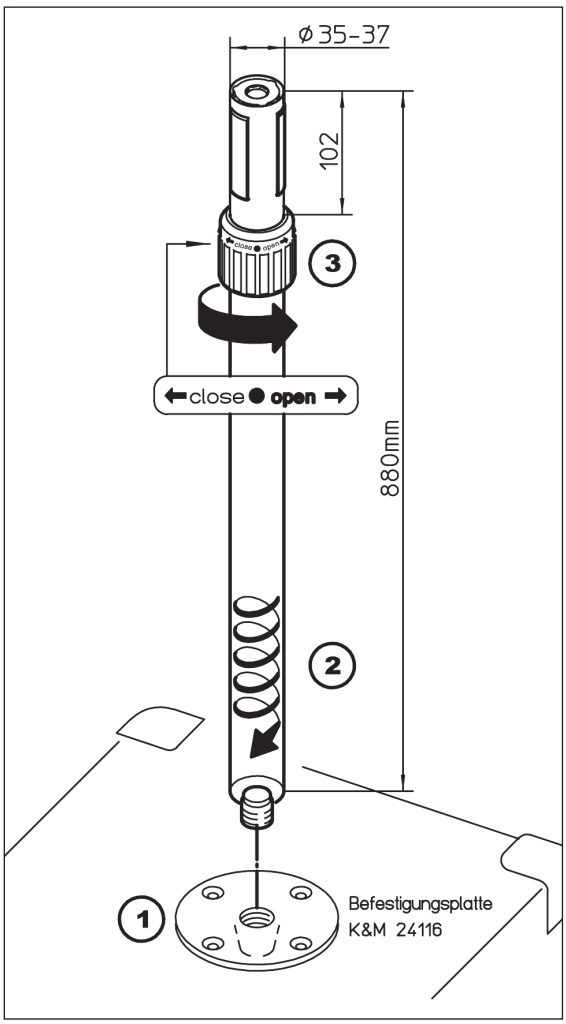
Adjust the direction of the speaker

Turn the ring lock to the right (direction OPEN).
Place satellite speaker in the desired position.
Now turn the ring lock left (direction CLOSE).
OBSERVE: Do not loosen the basic rod.

INSPECTION, MAINTENANCE, CLEANING

- Maintenance is always to be performed when the system is not under strain.
- Check the functioning of the ring lock regularly.
- For cleaning purposes utilize a slightly damp cloth with a non-abrasive cleaning solvent.

ERROR IDENTIFICATION (E) and CORRECTION (C)
E: Adapter sleeve does not fit on the stand:
C: Check if the stand tube has the required: ø 35 mm.
E: Speaker teeters on the expanding mandrel system:
C: Re-tighten the ring lock (direction CLOSE) until the speaker is stable.
C: Speaker mounting adapter may not exceed ø 37 mm.
E: Speaker is difficult to adjust:
C: Lift the speaker up a bit during the adjustment.



TECHNICAL INFORMATION / SPECIFICATIONS

Material	tube - steel, powder coated, color black screws -steel, galvanized ring lock- aluminum mandrel elements – PA
Load	max. 35 kg
Dimensions	H: 880 mm, Expanding mandrel system: ø 35-37 x 102 mm
Package	H x W x B: 900 x 50 x 50 mm
Weight	1.2 kg
Accessories (optional)	Adapter sleeve 21326: for speaker mounting adapter with 38 mm diameter (= US-Variant)

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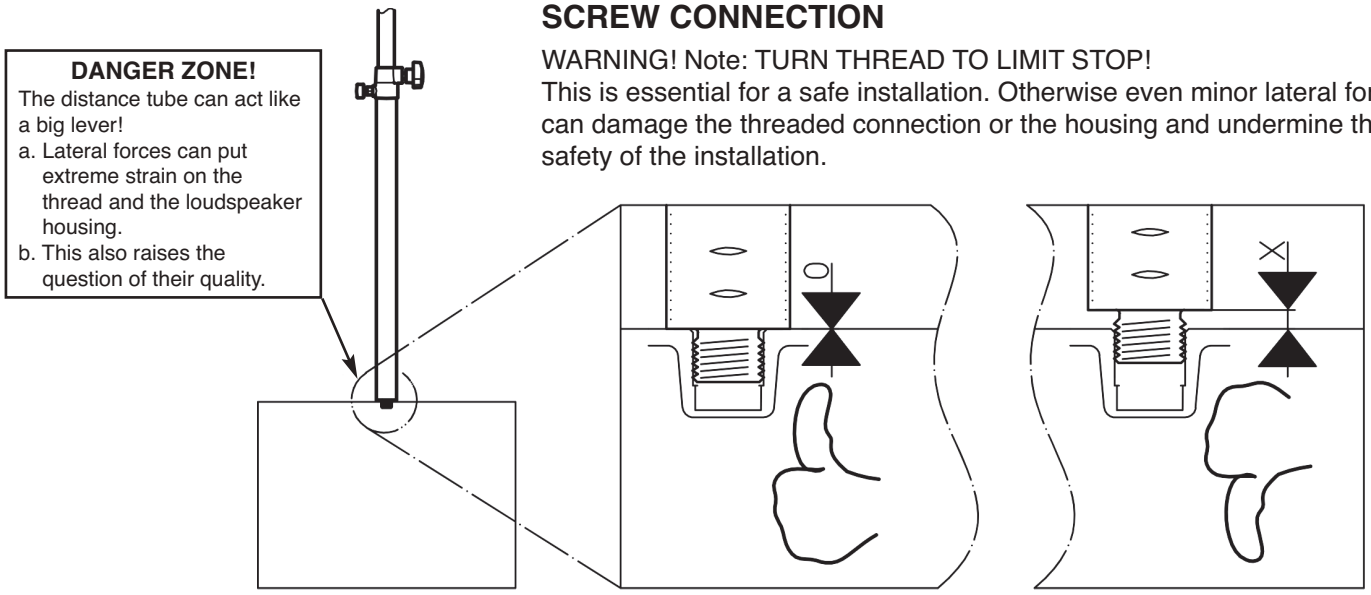
SCREW CONNECTION

WARNING! Note: TURN THREAD TO LIMIT STOP!
This is essential for a safe installation. Otherwise even minor lateral forces can damage the threaded connection or the housing and undermine the safety of the installation.



SUMMARY

König & Meyer does not know:

1. which loudspeaker combination will be used
2. the state of the surface
3. the quality of the loudspeaker sockets and housing
4. the effect of possible lateral forces

For these four reasons, for which we are not responsible, we can define "no general load capacity" for our distance tubes.

Rather, the individual load-bearing capacity must be determined:

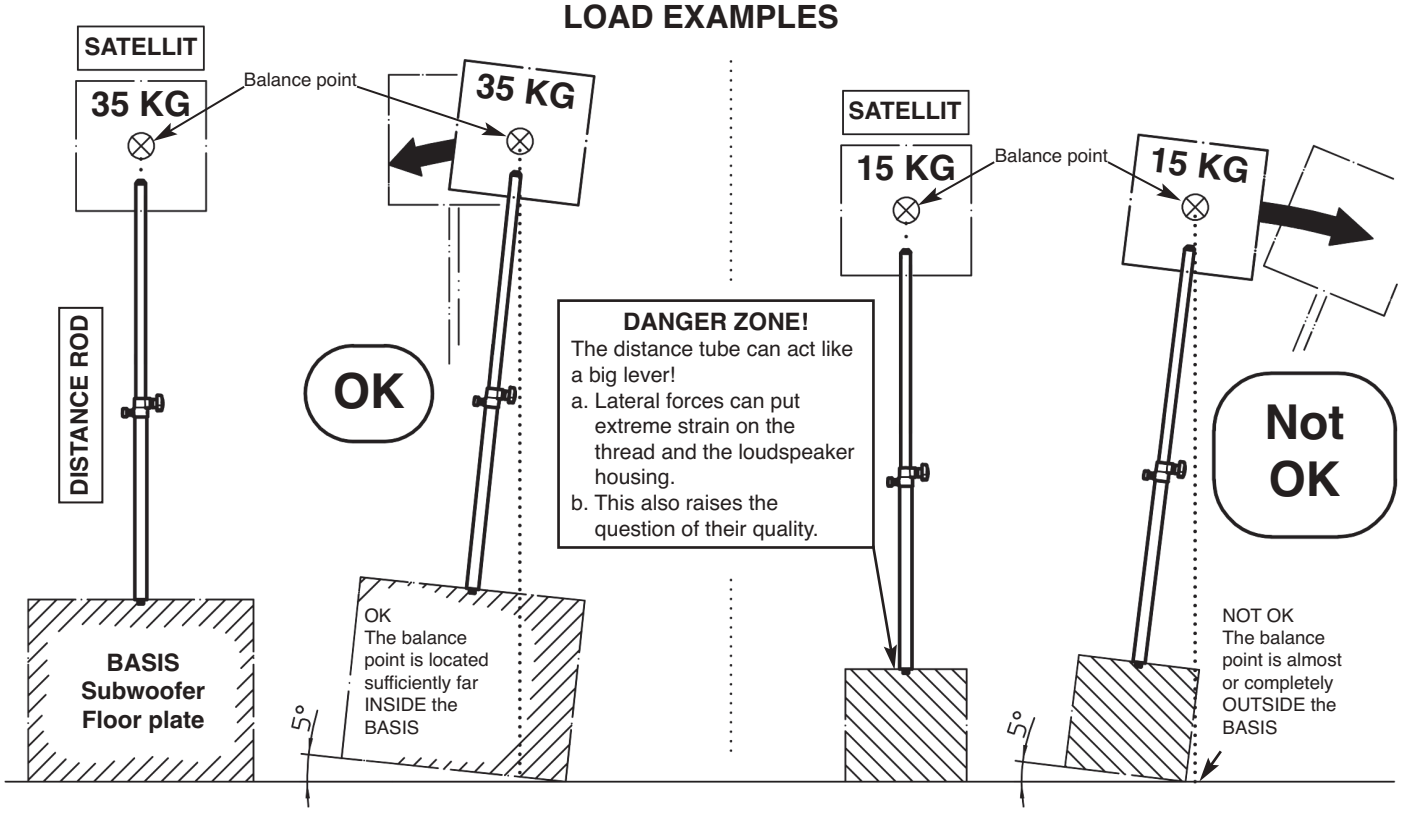
Compare:

A) The **design load capacity** – what is the maximal load capacity for this design? (In this case the max. is max. 35 kg).
B) The **stability load-bearing capacity** – how many kg can it carry under local conditions before it tilts (? kg - passing the 5° tilting test on site.
- Attention: Ensure the safety of the test).

The lower of the two values applies.

This almost always corresponds to the maximum load determined in the 5° tipping test, but not more than max. 35 kg!

LOAD EXAMPLES



Safety data sheet for K&M Distance rods

KÖNIG & MEYER
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These safety instructions are valid for the following articles:

Plug-in tubes: 21333, 21336, 21338, 21348, 21356
Screw tubes: 21329, 21334, 21337, 21339, 21340, 21347, 21357, 21364, 21367, 21368, 26736
»Ring Lock«: 21360, 21366

APPLICATION

The following components generally belong to the installation of a distance rod:

1. Base (base plate or subwoofer)
2. Distance rod
3. Load (satellite or similar)

Distance rods do not operate on their own, but only together with a base (base plate or subwoofer).

SAFETY INSTRUCTIONS

The installation must be adequately protected against the risk of tipping. This is considered to be the case if it meets the test criteria of the standard specification (DIN56950-3). There it says:

The installation is: a. inclined by 5°,
b. fully extended,
c. positioned in the most unfavourable position (alignment of the base, load distribution etc.)

In fact, this test setup simulates whether the installation offers sufficient resistance to possible lateral forces.

Cause/increase of lateral forces	**Remedy** (how they are switched off or minimized)
- Sloping and unstable surface	➤ Use only level and stable surface
- Excentric loads	➤ If possible, place the load centrically, otherwise reduce it accordingly
- Air in the plug connection between tube and base	➤ Use of the K&M 85890 levelling adapter or K&M »Ring Lock« systems
- Unfavourable relationship between base and load	➤ Generally: lower centre of gravity, i.e. ensure appropriate conditions - anchor base if necessary or weigh it down
- External influences (wind, pushes, etc.)	➤ provide for protection or distance

It also depends on the quality and design of the connection between base and distance rod:

- The quality of the sockets and loudspeaker cabinets must be given. Particularly, the effect of lateral forces strains the sockets and boxes.
- Depending on the size of the loudspeaker sockets, the plugged distance rods make more or less "air" available to warrant the mobility of the connection. This allows the tube and satellite to sit at different angles on the subwoofer.
- Distance rods with »Ring Lock« system initially function like plug-in tubes; only the tightening of the locking ring(s) results backlash-free fitting of the tube.
- Distance rods with M20 screw connections must always be firmly screwed on up to the stop (see picture screw connection).

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