

# 21467 Speaker Stand

## » Ring Lock«

- Load capacity: 50 kg\*
- A patented expanding mandrel system provides a tight and firm fit for the speaker
- Professional, solid, transportable
- similarly adapted for home, property, public area
- Height; min. 1370 mm / max. 2160 mm, foot circle: 1320 mm
- Expanding mandrel system:  $\varnothing$  35-36,5 mm, weight: 4,6 kg

Thank you for choosing this product. This instruction manual informs you about the important steps to set up and handle the product. We recommend to keep the manual in a place for a possible later use.

### SAFETY INSTRUCTIONS

- Load capacity: max. 50 kg\*
- Before and after use check stand for damage. Damaged Stands may not be used.
- Before use:
  - check the functional capability of: K&M-stand, speakers and tools concerning: completeness, integrity, usability
  - choose only trained installers (2 persons with professional and physical qualification)
- Optimal stability conditions:
  - use only on even and stable surface
  - avoid off-center loading
  - set up brace 4 in horizontal position
- Safety in operation:
  - unauthorized persons should keep distance to protect from stumble and tilting
  - inspect bolted assemblies regularly
  - always insert the safety pin (14) after positioning of the speaker
  - do not push and pull the loaded stand on the floor; it can cause damages on the base
- Safety in maintaining and removing
  - first remove load
  - pay attention to possible hazards (squeezing, hurting) by collapsing

### MOUNTING INSTRUCTIONS

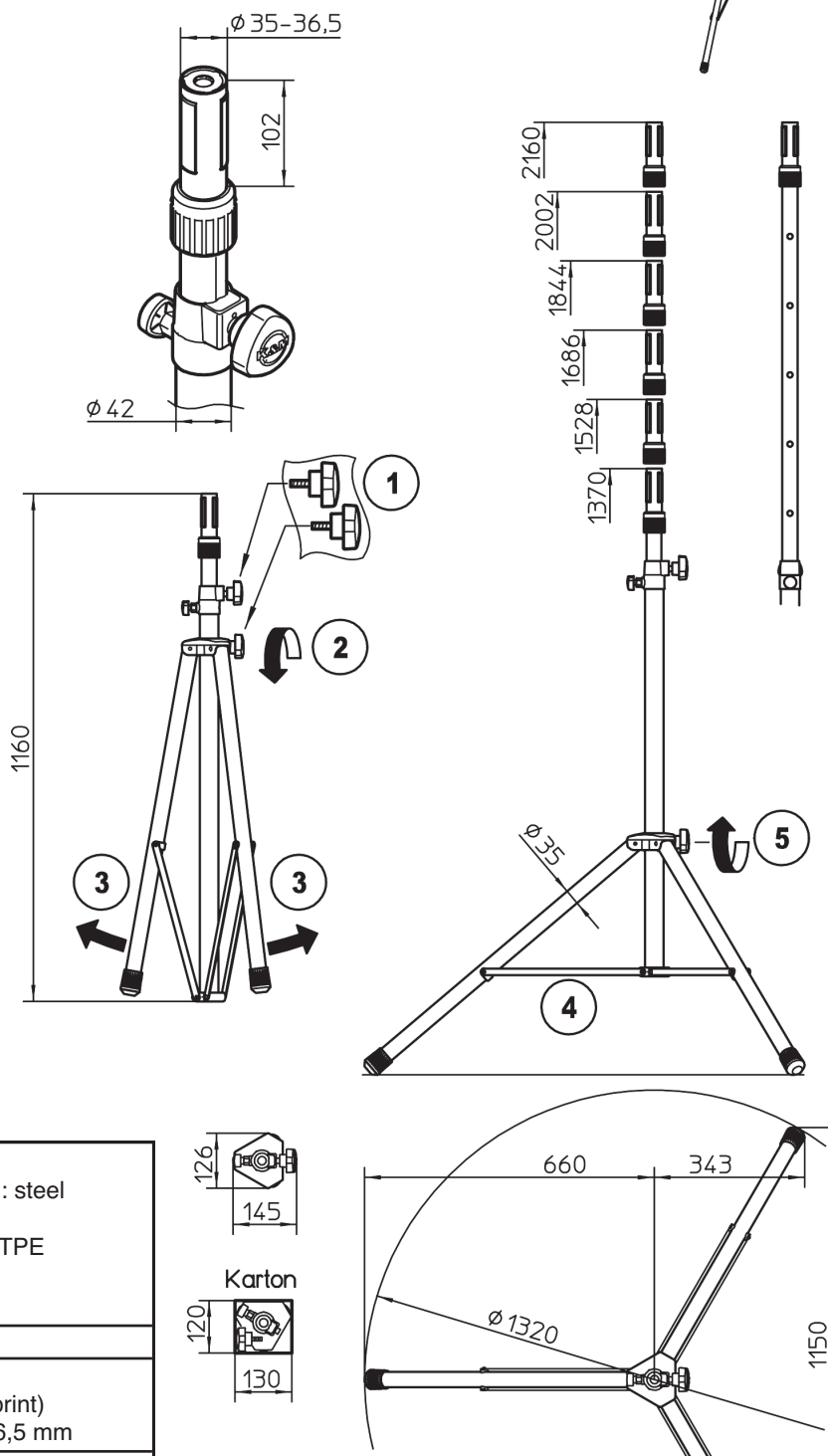
- The mounting of the 21467 is easy to handle
- 1 screw-in both locking knobs
  - 2 loosen the locking knob on the base clamp
  - 3 spread legs apart to max. base width
  - 4 braces should come into a horizontal position
  - 5 tighten locking knob

#### NOTE:

Do not over tighten the locking knobs.  
This will result in undue stress to the fitting.  
Just enough to hold the extensions position firmly.

### SPECIFICATIONS

|                        |                                                                                                                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material               | basic rod, leg rods: aluminum<br>expandable rod, braces, locking pin: steel<br>clamps: zinc die-cast<br>Parquet protector, shock absorber: TPE<br>ring lock: aluminum<br>mandrel elements: Polyamide (PA)               |
| Load capacity          | max. 50 kg*                                                                                                                                                                                                             |
| Dimensions             | max. footprint: diameter 1320 mm<br>height: 1370 - 2160 mm (max. footprint)<br>expanding mandrel system: $\varnothing$ 35-36,5 mm                                                                                       |
| Collapsed, kg          | 1160 x 145 x 126 mm, 4,6 kg                                                                                                                                                                                             |
| Card box, kg           | 1185 x 130 x 120 mm, 5,3 kg                                                                                                                                                                                             |
| Accessoires (optional) | Carrying Case 21311 or 21312 (for two 21467)<br>Flange Adaptor (z.B. 19580, 19654, 19656 etc.)<br>Screw-on Adaptor (24281)<br>Adapter Sleeve 21326: $\varnothing$ 38 mm (=US-Variante)<br>Warning Strip "CAUTION" 21402 |



\* With centric loading, on a horizontal surface and without lateral forces (wind, shocks etc.)

## USERS INFORMATION / FUNCTIONS

### ATTENTION!

- Do not undervalue the weight of the load (max. 50 kg\*),
- Attaching and moving of the load should be done by trained installers.
- While moving the load hold the extension in a safe and firm way.
- Always secure the extension with the locking pin.

### AFFIX THE SPEAKER TO THE STAND

- Turn the expanding mandrel system - ring lock to the right (direction OPEN) to the smallest diameter.
- Place the speaker on the expanding mandrel system.
- Now turn the ring lock to the left (direction CLOSE) until the splints fit tightly.

### ADJUST THE DIRECTION OF THE SPEAKER

- OPEN ring lock **6** and adjust the speaker in the desired direction.
- Re-tighten the ring lock **8** (direction CLOSE).

### EXTEND / RETRACT SPEAKER

Involved Persons:

FI - First Installer: holds the loaded extension

SI - Second installer: handles locking knob and locking pin

#### Action:

- FI - **9** holds the extension firmly
- SI - **10** loosens the locking knob
- 11** pulls the head of the locking pin until the extension is able to move
- FI - **12** lifts the extension in desired height;
- NOTE: for easier finding of the pin hole this hole should be seen for a moment above the clamp
- SI - **13** unhands the head of the locking pin so it's able to latch into the hole of the extension
- FI - **14** lowers the extension slowly until the locking pin is latching into the hole
- SI - **15** tightens the locking knob

Remove the load in reverse order.

**IMPORTANT:** ensure that the Second Installer immediately tightens the clamping screw (15) in the event the extension cannot be held securely by the First Installer.

### CHECK, MAINTENANCE, CLEANING

- Careful handling of the stand maintains the ability to extend & retract the stand, the loadability & safety of the installation.
- Look for possible dangers/risks (pinching, collision, tipping) during maintenance work. Maintenance is always to be performed when the system is not under strain.
- For cleaning and maintenance purposes it is best to utilize a dmap cloth and a non abrasive cleaning solvent.

#### FAULT-FINDING (F) and REPAIR (R)

F: Stand totters:

- R: Arrange even ground.
- R: Spread legs into max. width and tighten the locking knob.

F: Extension totters and/or is running in:

- R: Tighten locking knobs **15**
- R: Make sure that the pin **13** is in work

F: Speaker teeters on the expanding mandrel system:

- R: Re-tighten the ring lock
- R: Check speaker mounting adapter (max.  $\varnothing$  36 mm)

F: Speaker is difficult to adjust

- R: Lift the speaker up a bit during the adjustment
- R: Loosen ring lock **6** a little more

