21430 Overhead microphone stand

- Mobile microphone stand made of steel for studio and stage
- High safety, due to the 10 kg die cast base with a low center of gravity
- Expansive extension area as well as a wide array of uses:
+ Stand offers an up to 2.2 m variable extension
+ The boom arm can be extended (up to 2 m) and adjusted to the perfect angle, with a 3 kg counterweight
+ Additional mini boom arm, that can be variably adjusted independent of the position of the boom arm

Thank you for choosing this product. The instructions provide directions to all of the important set up and handling steps We recommend you keep these instructions for future reference.

SAFETY NOTES

- Load bearing weight: Microphone
- Always check the functionality and safety/stability of the stand; damaged stands may not be used.
- The floor must be load bearing and even.
- Tighten screws - but not too tight.
- In particular the base tube must be screwed into the die cast base as far as it will go (see Ill. 3 a)
- ATTENTION! The die cast base (Ill. B) is do heavy and can result in risk if handled improperly.
  NOTE: during assembly do not drop and be sure not to crush extremities. We recommend protective gloves.

TRANSPORT OPERATION

- The stand is to be secured to ensure that it does not roll away; To accomplish this adjust the adjustment lever on the casters.
- The stand is to be moved by hand - do not let go.
- Ensure that when moving the stand that the extended boom does not injure or damage persons or objects.
- In the case the connection of the microphone with the stand is "loose", remove the microphone before moving the stand.

In the case of a small area overextended loads reduce **STAND STABILITY**.
This does not have to happen, thanks to:
- 10 kg die cast base that provides a low center of gravity.
- Boom arm balances the weight of the microphone through a 3 kg counterweight.
- Safety ring on the extension arm of the stand.

AND DON'T FORGET

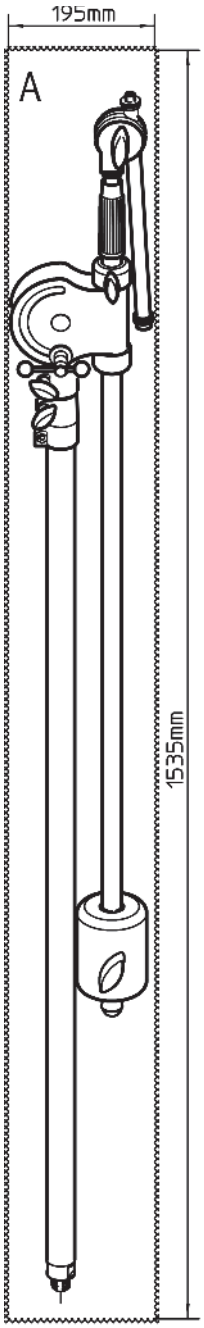
- the boom arm should also be placed above a caster.
- Casters should point in an outward direction.

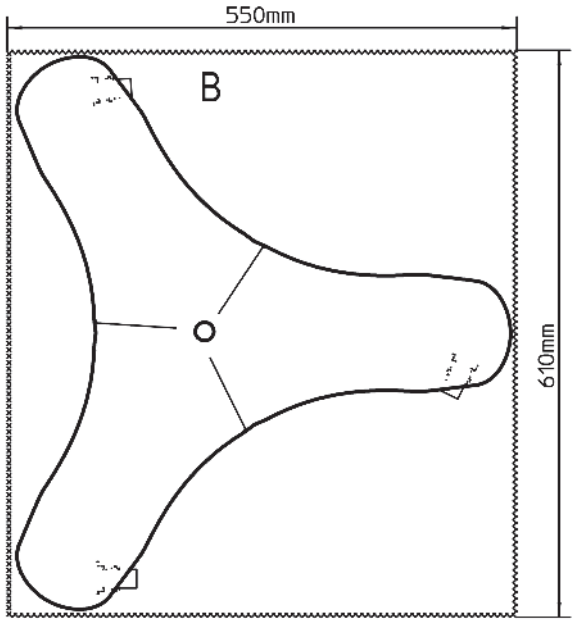
TECHNICAL DATA

Dimensions	- Base: ø 660 mm - Height: 1360-2220 mm (boom horizontal) - Height max: 4170 mm (boom vertical) - Boom 2000 mm - 5/8"-thread - Mini-boom: 245 mm - 3/8" and 5/8"-thread
Package dimensions, net weight	Stand: 130 x 100 x 1460 mm - 7 kg Sockel: ø 660 x 115 mm - 10 kg
Box, Gross Weight	Stativ: 195 x 120 x 1535 mm - 7,5 kg Base: 610 x 550 x 130 mm - 10,5 kg
Material	- Base: Die cast - Tubes, joints, counterweight: Steel - Clamping brackets, caps: Polyamid (PA) - Guide brackets: Polypropylene (PP) - Connection elements: Steel - nickel plated / galvanized - Counter nuts: Aluminum anodized
Accessories (optional)	- Microphone clips 85035, 85050, 85055, 85060 - Popkiller 23956, 23966 - Microphone bars 23550, 23560

SETUP INSTRUCTIONS

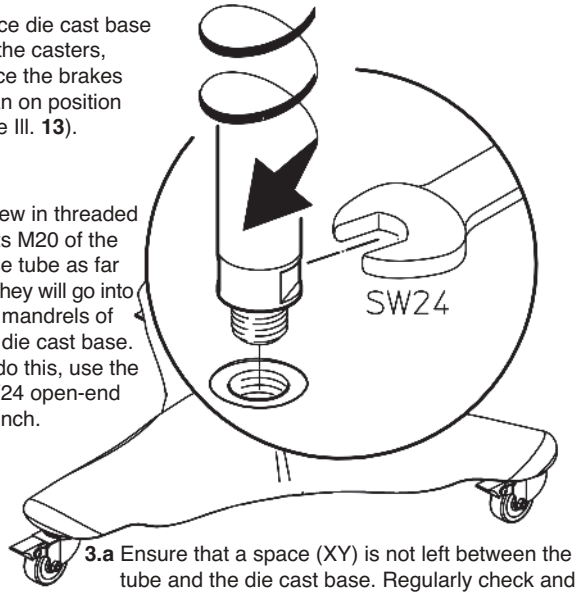
1 The 21430 Overhead Microphone Stand consists of 2 units (**A**: Stand, **B**: Die cast base). Please check that all parts are included.



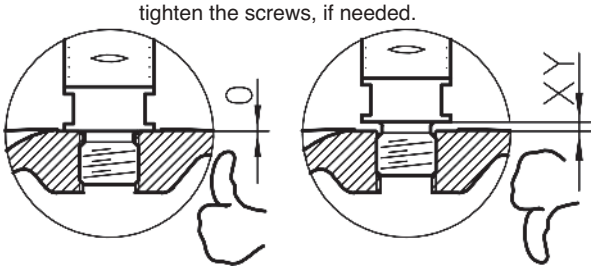


2 Place die cast base on the casters, place the brakes in an on position (see Ill. **13**).

3 Screw in threaded bolts M20 of the base tube as far as they will go into the mandrels of the die cast base. To do this, use the SW24 open-end wrench.



3.a Ensure that a space (XY) is not left between the tube and the die cast base. Regularly check and tighten the screws, if needed.



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USAGE NOTES / FUNCTIONS

PLACE THE BOOM IN POSITION

NOTE:
To ensure that stand stability is maintained with the boom fully extended the following two measures are recommended:

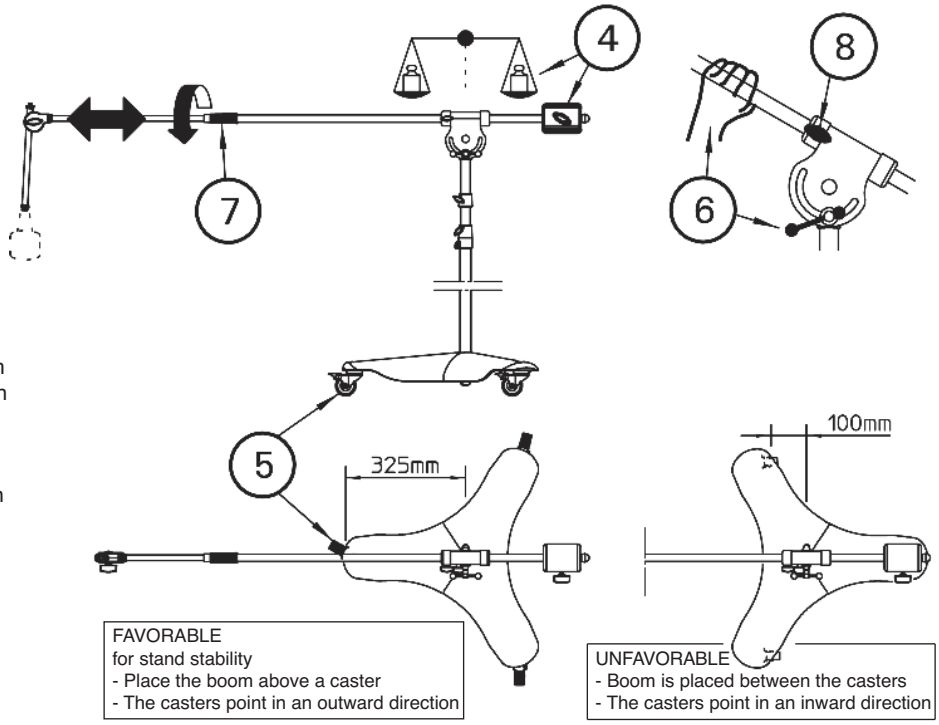
4 The balance of the boom is improved through the corresponding positioning of the counterweight.
5 The boom arm should also be placed above a caster.

ANGLE

6 Hold the boom; Loosen the locking nut on the boom and place the boom at the desired angle. Re-tighten the locking nut.

DISTANCE

7 Loosen the adjusting nut; Extend the boom; Tighten the adjusting nut.
and/or
8 Loosen the boom joint, Adjust the base tube; Tighten the clamping screw.



FAVORABLE
for stand stability
- Place the boom above a caster
- The casters point in an outward direction

UNFAVORABLE
- Boom is placed between the casters
- The casters point in an inward direction

STAND HEIGHT ADJUSTMENT

NOTE:
Prior to loosening the clamp screws hold the extension tube in one hand.

9 Loosen the clamping screw of the clamp/bracket; adjust the extension tube to the desired height; tighten the clamping screw.
10 Loosen the clamp/bracket of the locking ring; Place the locking ring on the clamping bracket; Tighten the clamping screw.

The stand is retracted in the reverse order.

ADJUST THE MINI BOOM

11 Loosen the clamp nut; place the mini-boom in the desired position; tighten the clamp nut.
12 The mini boom has a 3/8" and 5/8" connection thread and can be reconfigured, if needed.

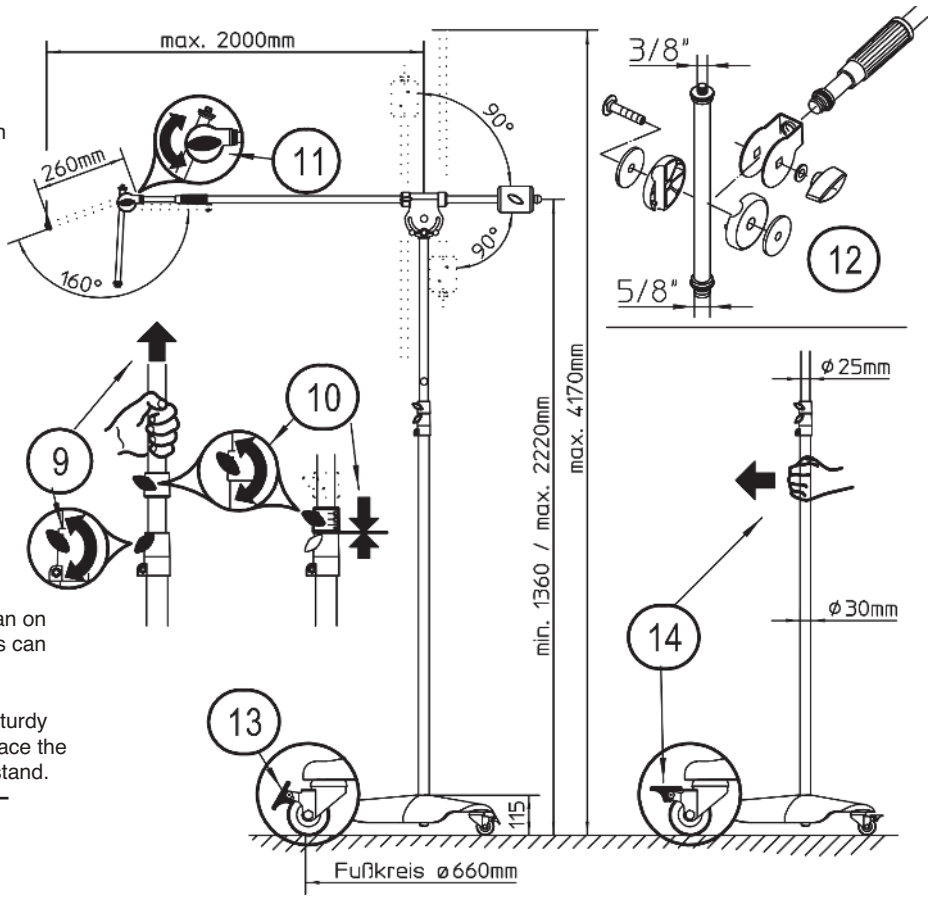
STAND OPERATION / TRANSPORT OPERATION

STAND OPERATION

13 The brakes of the three fixed casters should be in an on position, i.e. pressed downwards. The brake pedals can be adjusted using your foot.

TRANSPORT OPERATION

14 Hold the stand with your hand. Carefully, wearing sturdy shoes, unlock the caster brakes using your foot. Place the stand in the desired direction. Do not let go of the stand.



DIMENSIONS (see illustration on the right)

CHECK, MAINTENANCE, CLEANING

- Careful use of the stand maintains the use of the telescope (extending boom) and the load bearing functionality of the stand, as well as the safety of the installation.
- Perform workstation maintenance only without the load attached and watch for possible risks (pinched hands/fingers, impact or if the stand falls over).
- To care for the product use a damp cloth and and a non-abrasive cleaning agent.

FAULT-FINDING (F) and REPAIR (R)

F: Stand is not stable **R**: Ensure that the surface is even / Check to see if the base tube is properly screwed into the base **3**
F: The extension tube is loose i.e. retracts when the loads are attached **R**: Tighten the clamping bracket **9** and the locking ring **10**
F: Stand lilts to one side **R**: Ensure that the surface is even / Balance the boom and place it above a caster **5**
F: Stand inadvertently rolls/moves **R**: Check if all three breaks **13** are on / possible uneven surface