



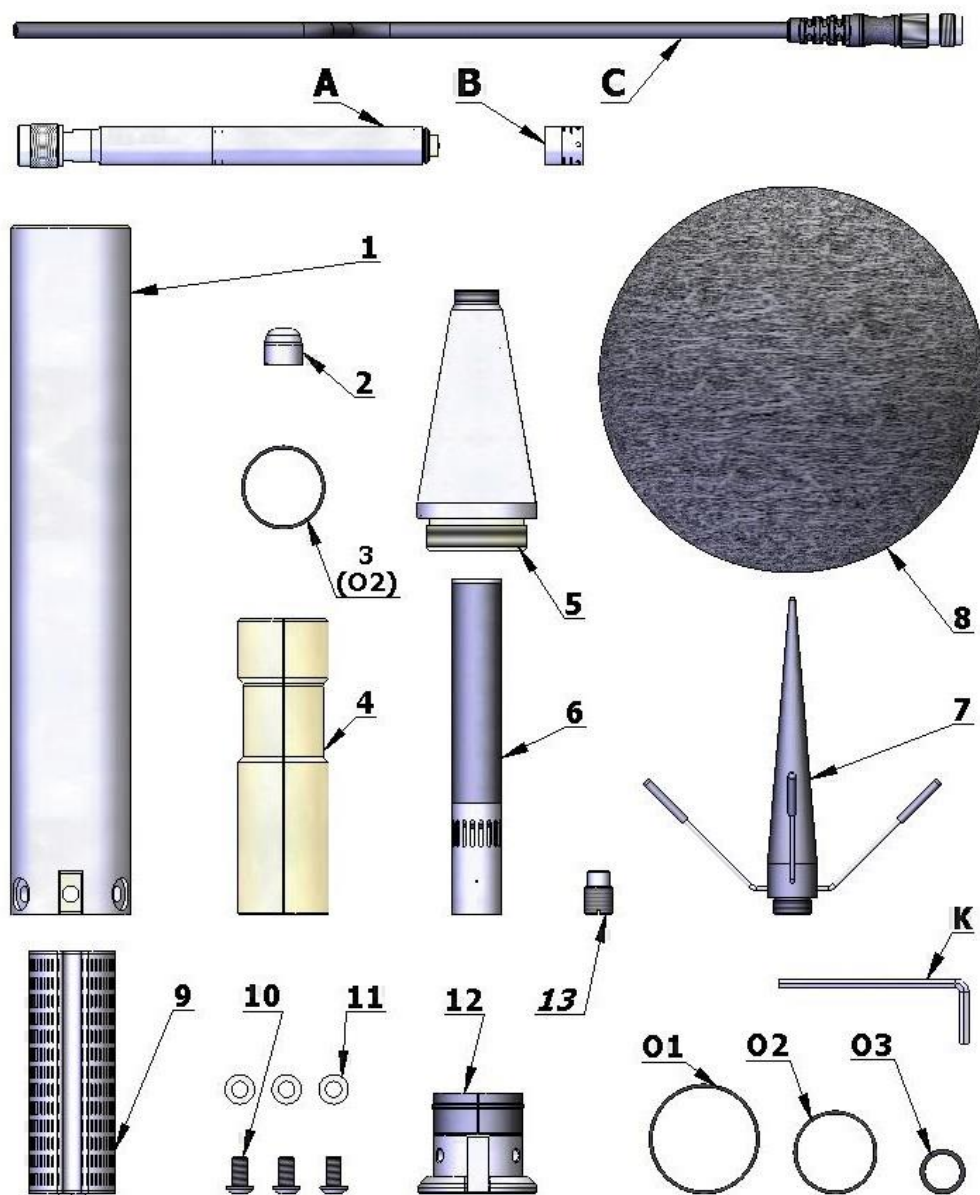
# **SA 277**

OUTDOOR

MICROPHONE KIT

ASSEMBLY GUIDE

## PART SET

**SA 277 kit:**

- 1 - tube
- 2 - dummy microphone
- 3 - O-ring type gasket
- 4 - clamp (2 halves)
- 5 - upper cone
- 6 - microphone protecting tube
- 7 - anti-bird spikes
- 8 - windscreen (SA 209)
- 9 - desiccator (not included)
- 10 - M5x10 hex socket raised screw
- 11 - washer
- 12 - bottom
- 13 - 1/4" thread adapter (not included)

**Tools:**

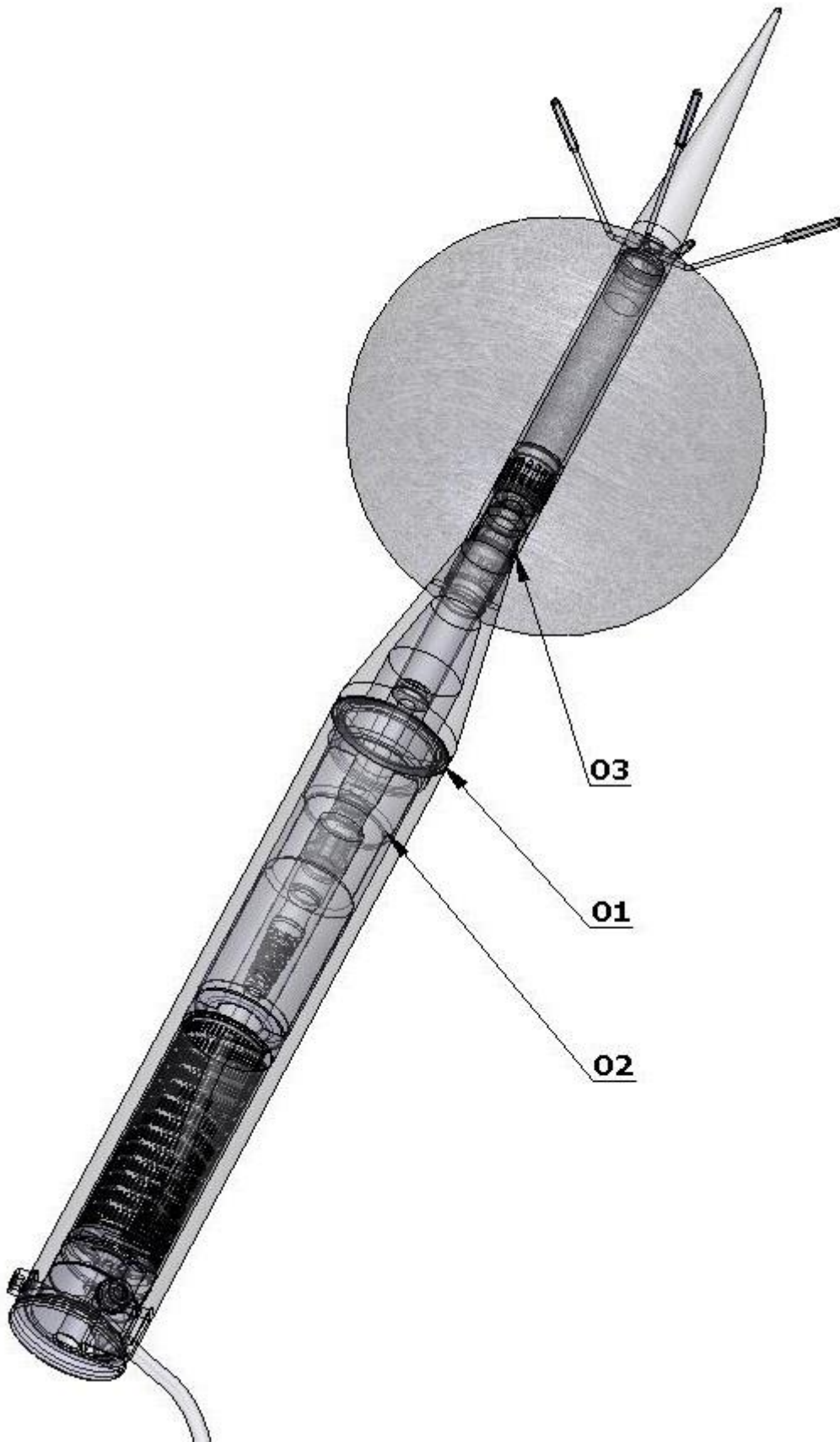
- K - 3mm Allen key

**Spare parts:**

- O1 - O-ring type gasket  $\text{\O}35 \times 1$
- O2 - O-ring type gasket  $\text{\O}26 \times 1$
- O3 - O-ring type gasket  $\text{\O}12 \times 1.5$

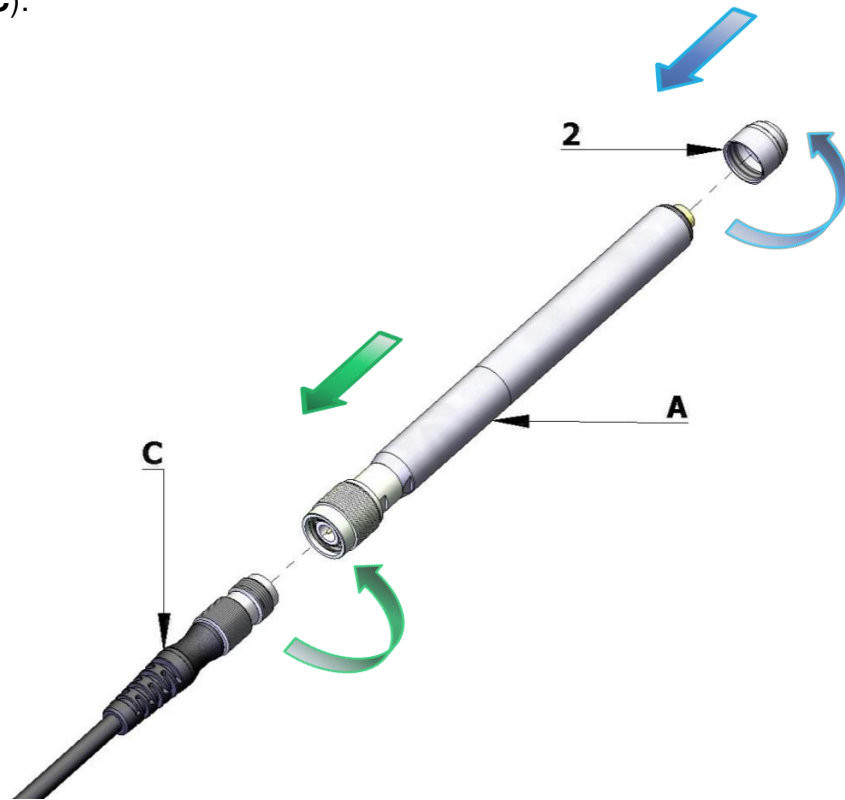
**Parts not included:**

- A - SV 12L preamplifier
- B - SV 7052 microphone
- C - SC 236 cable

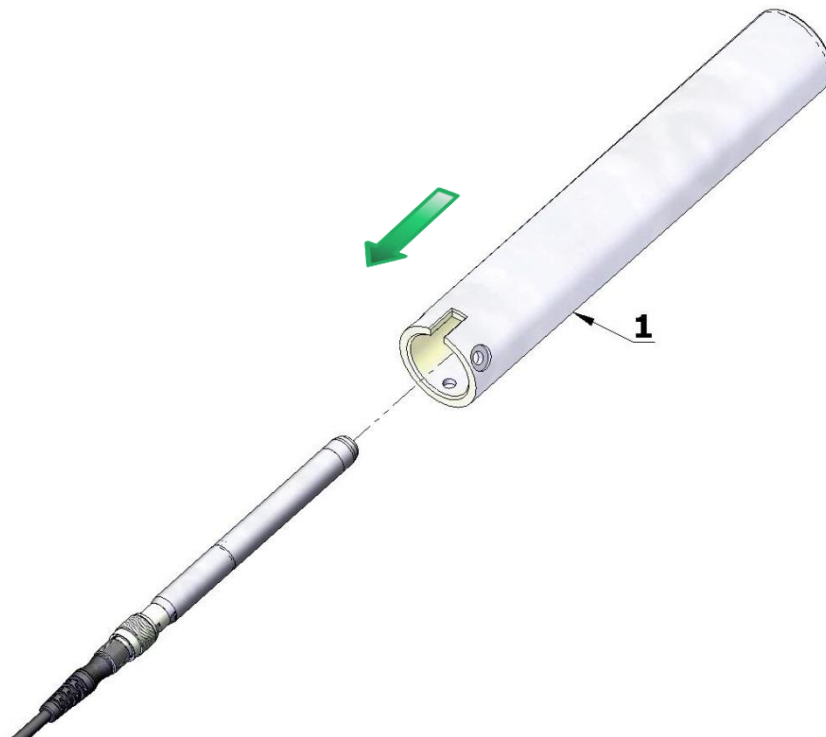


**O-ring gasket locations inside**

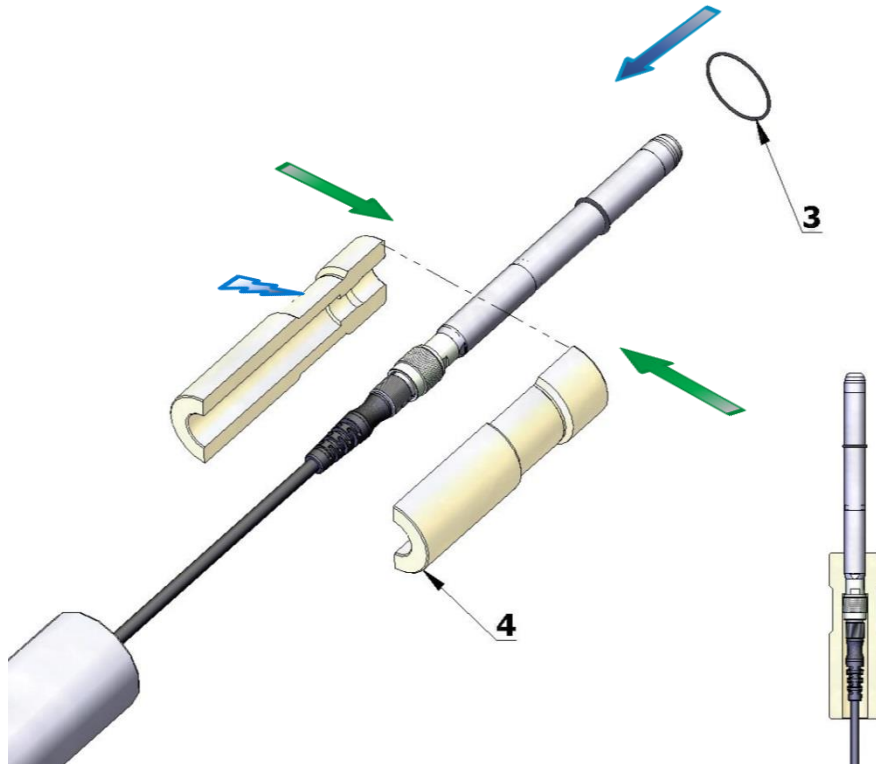
- I. Secure preamplifier (A) with the dummy microphone (2) and connect the cable (C).



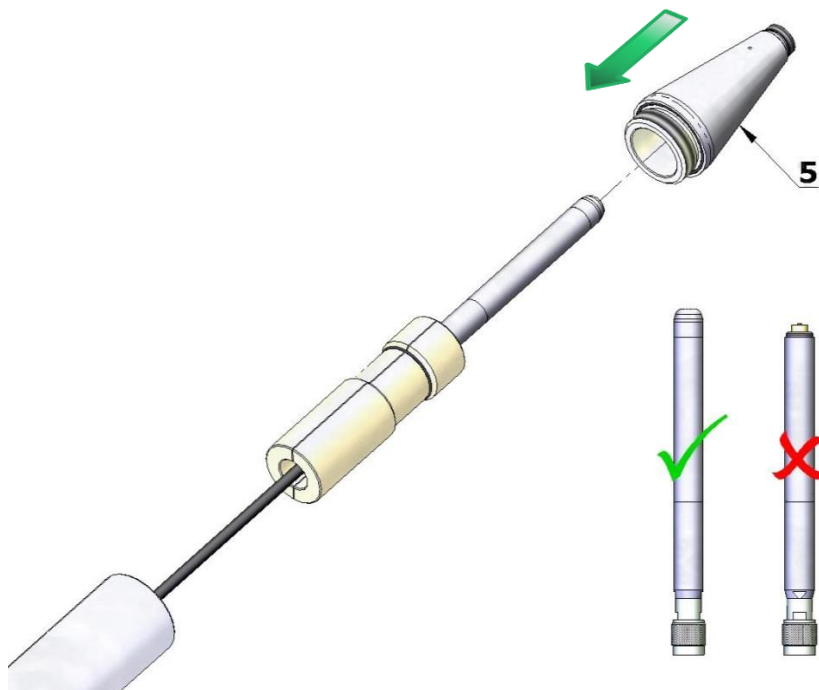
- II. Pull tube (1) over the cable.



- III. Connect the clamp halves (4) to the connector and insert O-ring gasket (3) on the lightning signed place.

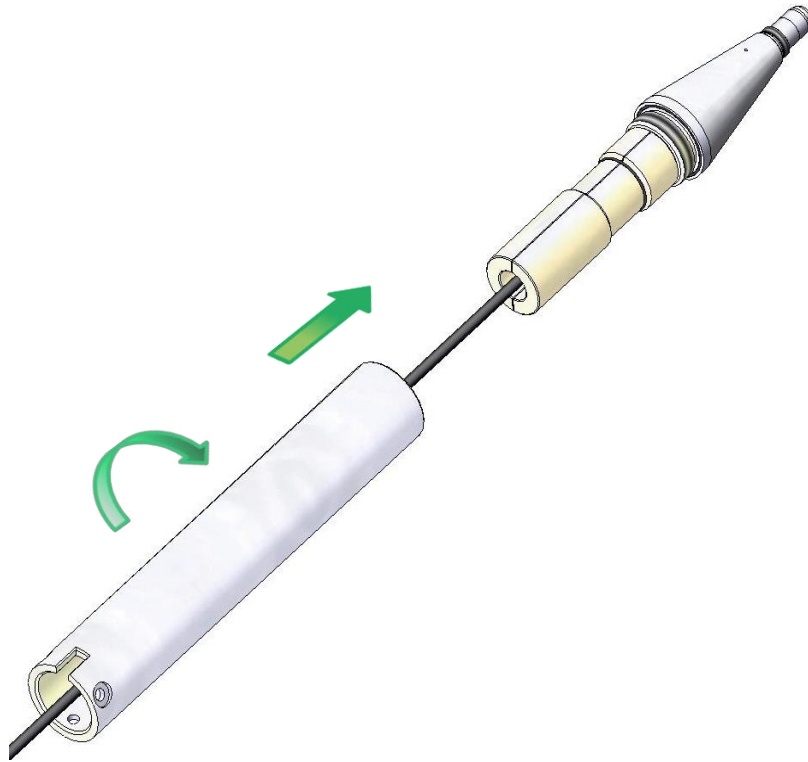


- IV. Apply the upper, conical part (5) on the preamplifier.

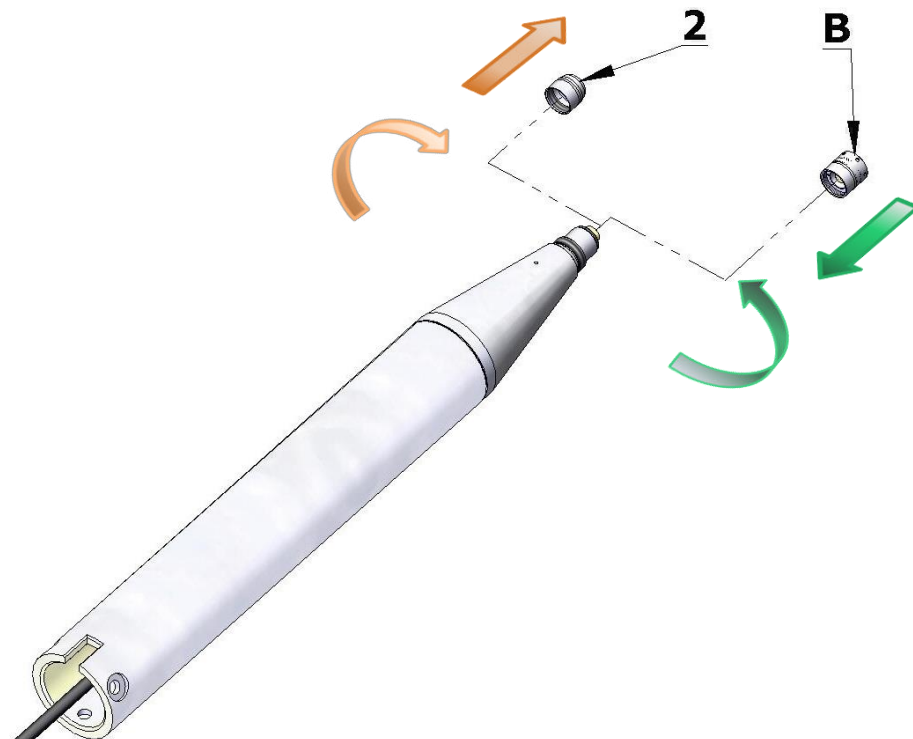


Do not use preamplifier without the dummy microphone. It can cause damage of the O-ring gasket inside the cone.

- V. Screw the tube on the cone by rotating the tube – so as to not twist the cable.



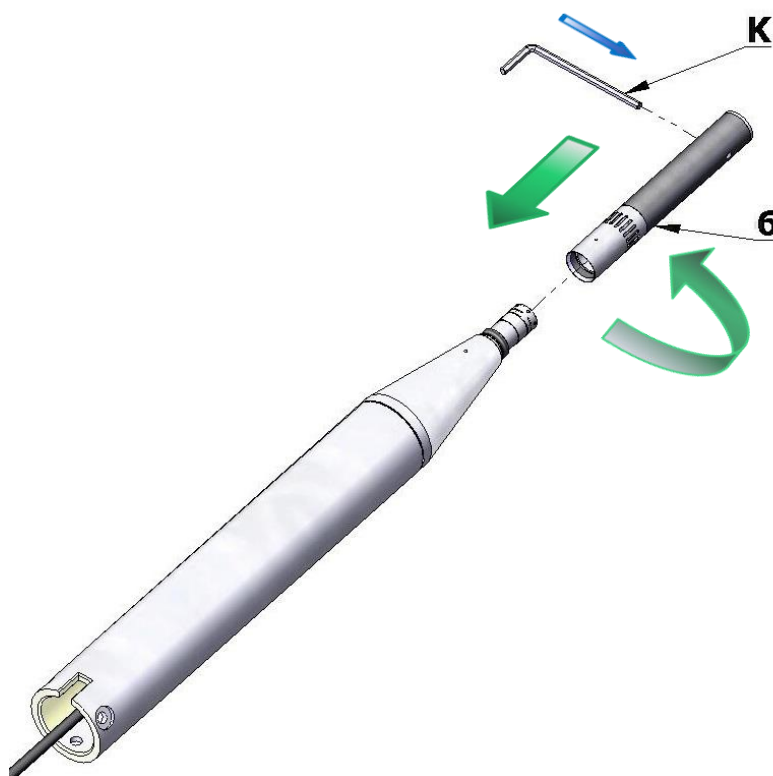
- VI. Replace the dummy microphone (2) with the ½" microphone cartridge (B).



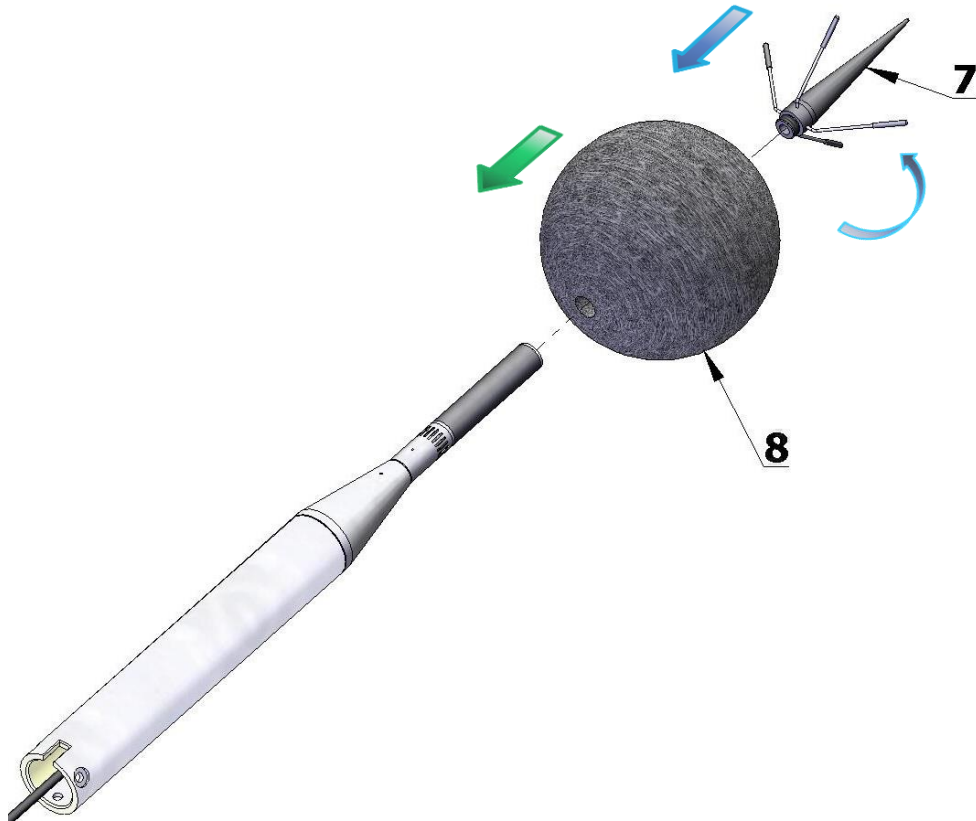
- VII. Calibrate the complete system using SVANTEK acoustic calibrator.



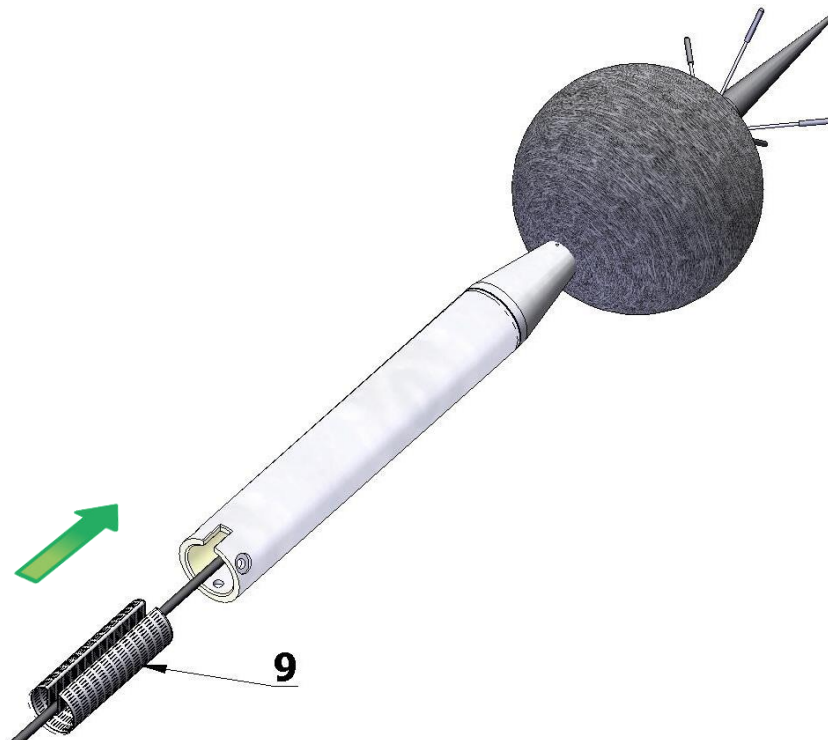
- VIII. Install the microphone protection tube (6). Use the Allen key (K) as a pin at protecting tube orifice.



- IX. Mount windscreen (8) and the anti-bird spikes (7).

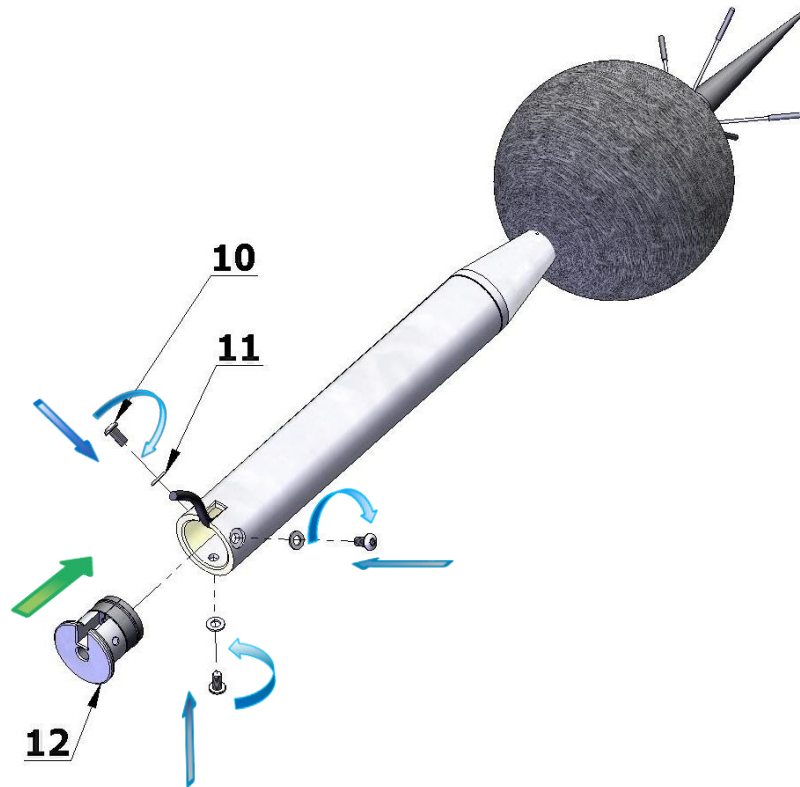


- X. Slide the desiccator (9) inside the tube.

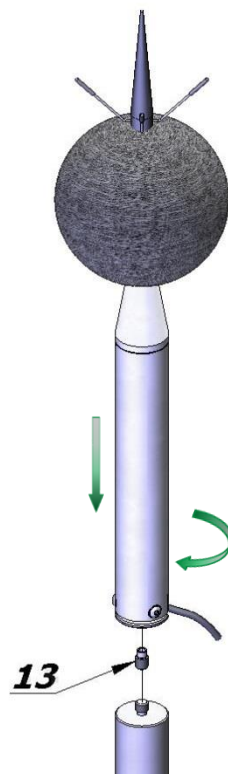




- XI. Place the cable in the slot and connect the bottom part (**12**) by three screws (**10**) with washers (**11**). Use the Allen key (**K**).



- XII. Mount the completed system on the dedicated tripod or pole. Use  $\frac{1}{4}$ " thread adapter (**13**) (if necessary) (see last note on next page).



## Important notes

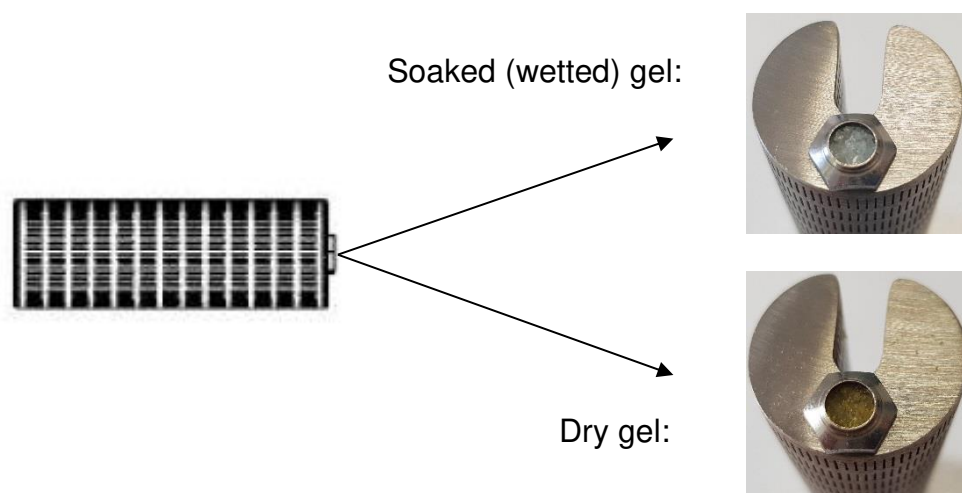


The SA 209 (8) at the part set picture) foam windscreen protects microphone from wind and rain. If the SA 209 windscreen is used continuously for a long period of time it is recommended to replace it at least once a year.



During continuous usage the SA 209 windscreen is exposed to different weather conditions with possibility of causing physical damage to the foam's structure. Therefore, it is recommended, at least once a quarter (3 months), to check the condition of the windscreen by examining the surface for cracks by squeezing the foam. If cracks or holes are observed, the SA 209 windscreen must be replaced. Take care when examining the foam, as squeezing it too aggressively can damage the surface.

Color of the silica gel used in the desiccator (part 9) when it is dry is amber. If color of the silica gel turns light grey it means that the gel is soaked (wetted) and the desiccator is not able to absorb more moisture. Color of the silica gel is visible through the window of the desiccator. If color of the gel becomes light grey, the desiccator should be regenerated by drying it for 3 hours in temperature of 150°C.



Desiccator should be inspected at least every 2 weeks, and more often when used in conditions of high air humidity.



Desiccator must be stored in a hermetic container when is not installed in SA 277 to prevent absorbing moisture unnecessarily.



Tripod or pole with ¼" thread is not recommended for stormy weather.