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Care of Schoeps Colette Series Condenser Microphone Capsules and Humidity

Please be careful to avoid placing capsules in a dusty environment. Keep them in their cases (or in the wood case of the microphone amplifier) when not in use, since any dust that gets inside the capsules can adversely affect their functioning. In combination with humidity it can lead to condensation and thus popping and crackling noises (often described as "frying sounds").

What to do if... the microphone is noisy (clicks and pops) in high humidity?

- ❖ If the microphone is brought from the cold outdoors into a warm environment, snapping or clicking noises can result from the condensation of moisture. In such a case the microphone should be given time to reach room temperature, and it will then perform flawlessly.
- ❖ Sometimes dirt can get into the contacts at the end of the microphone amplifier or of an Active Accessory where the capsule is attached; this, too, can cause impulse noise. You can clean the contacts yourself by using compressed air (without lubricant) from an aerosol can. If that doesn't help, you can scrub them with a new, clean toothbrush dipped in isopropyl alcohol, holding the microphone amplifier or Active Accessory so that the contacts face downward. Shake off any extra fluid; *under no circumstances can it be allowed to flow into the amplifier! Be careful to wipe the contacts dry.*

If this treatment does not eliminate the noise, it is possible that dirt has got inside the capsule itself – in which case the capsule must be sent back to the factory for cleaning. We strongly urge customers not to open a capsule or attempt to clean it themselves. Doing so would also void all warranties. Neither should the contact rings of a capsule be cleaned with any kind of liquid.

Windscreens/Popscreens (e.g. Schoeps B1, B5, B5D etc.) are recommended when microphones have to be used in dirty or dusty environments in order to avoid problems of the kind described above.