LI.LAC
MICROPHONE DISINFECTOR

LAC Labs presents professional microphone disinfection in a 19” rack format:

safe . simple . fast

Microphone hygiene through controlled exposure to ultraviolet light (UV-C)

.fast

A disinfection cycle takes only 5 to 10 minutes. Additional 2 minutes pre-heat time might apply for cold UV-C lamps.

.simple

Li.LAC resembles a futuristic sandwich grill in a robust, road-ready 19” 3U rackmount format.
Simply place the microphones on the stainless-steel grille, close the irradiation chamber and press start.
The steel grille can accommodate up to three handheld mics or handheld transmitters. It is also possible to disinfect other items like headsets, lavalier microphones etc.

.safe.#1

The 99.99%* disinfection level of Li.LAC has been approved by the independent, accredited laboratory Opsytec Dr. Gröbel GmbH.
*The exact surface disinfection level varies with the type of virus or bacteria and with the shape and the surface of the microphone or object to be disinfected.

.safe.#2

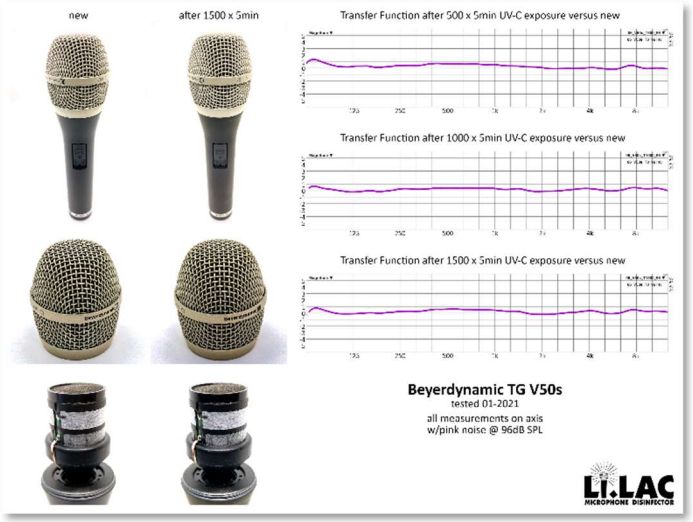
Microphone and material compatibility: Any kind of intense cleaning procedure (soap & water, alcohol or UVC light) has a long-term effect on the materials used in or on microphones. Different kinds of plastics and the outer appearance (color/ gloss) especially, can be altered or degraded by “too much cleaning”.

We have run numerous tests with various microphones inside Li.LAC to evaluate the long-time impact of UV-C light.

The results show that the aging effect implied by UV-C disinfection inside Li.LAC is negligible compared to the normal aging that happens to the microphones (by mechanical impacts, dirt, humidity etc.).

During the long-term irradiation tests in Li.LAC, we recorded changes in the appearance and frequency response of the microphones after 500, 1000 and 1500 disinfection cycles. 1500 cycles correspond to several years in the real life of a microphone.

Shown below are some of the test results (further results can be found at www.lilac.works):



Technical specifications:

Operating conditions	room temperature (0°C to 40°C)
Power supply	220V-240V~, +/-10%, 50-60Hz, 50W
UV-C lamps	2x 16W, 254nm wavelength
UV-C irradiance @ microphone head	>800µW/cm²
UV-C irradiance @ microphone shaft	>350µW/cm²
Dimensions (WxHxD)	482mm x 132mm x 385mm (428mm incl. handles), 19“ 3U
Weight	11kg

Li.LAC is designed and manufactured in Germany.
The design of Li.LAC is registered and protected by the EUIPO community design 008243745-0001.

LAC Labs UG (haftungsbeschränkt)
Kantstraße 32, 53639 Königswinter, Germany
info@lilac.works
CEO: Dipl.-Ing. Tobias Hoff, Amtsgericht Siegburg HRB 14276