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Spreenauten
Radio Technology (DMR,
TETRA, ATEX, WLAN & 5G)

- DMR Radio Technology
- Two-way Radios
- TETRA Radios & Radio Cells
- ATEX Radios
- Battery & Charging Technology for Radios
- Headsets & Loudspeaker Microphones
- WLAN - Wireless LAN as MESH-LAN & conservative WIFI
- DECT Phones & Repeaters (Base Stations)
- Tour Guide systems
- Antennas & Antenna Technology
- 5G
- Motorola & Hytera Service**
- Radio technology Applications**

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disinfection

<https://staging.spreenauten.com/funktechnik-news/disinfection/>



Mobile UV disinfection for radios

📅 22/05/2020

We are very pleased to present today our Proof of Concept (a kind of pre-prototype) of our mobile UV disinfection chamber for radios. Based on the idea that it is difficult to collect and disinfect all radios on site (e.g. at festivals or in large halls), we have designed a mobile disinfection station. This station charges the radios and forces the disinfection at the same time. Disinfection is done by irradiation with UV light. This results in a dose on the surface that is lethal for most viruses (yes, even the corona virus). The current design is not yet the final design, but a functional prototype. On this prototype we will then determine which additional technical features we would like to implement. Further information can be found on the product website UV disinfection of radio equipment. Of course we are also happy to receive enquiries and support similar projects with the experience we have gained so far.

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UV disinfection box with new features

📅 16/06/2020

Master Max has once again lent a hand and added some new features to our UV disinfection box. We are slowly approaching the prototype stage. As described in our Funktechnik News from 22.05.2020 and on our page UV Disinfection Box for radios, we are currently working on a system that forces the automatic disinfection of radios during the charging process. We use UVC radiation as disinfectant. New features of the UV disinfection box for radios: Installation of an LCD display This shows the current status of the device (disinfection timer, status of the lamps) Installation of a Piezo loudspeaker If the door is open, a voice message is displayed, informing you that the door must be closed to disinfect the radios Installation of an improved fan design The waste heat, which is mainly generated during the charging process of the radios, is efficiently dissipated and is now no longer an issue LED convenience features as status display The colour of the light can now be used to quickly identify the current status of the disinfection box: Green = idle mode (radios can be removed or placed inside) Red = door open (disinfection is not possible in this state) Blue = The radios are disinfected Installation of a light barrier This ensures that there is at least one radio in the box so that disinfection is not started unnecessarily in idle mode. A new YouTube video with the new functions will follow shortly. We are of course very pleased about your interest. Contact person for the mobile UV disinfection solution for Hytera and Motorola radios is our colleague Uwe, e-mail: support@spreenauten.com

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