

Spreenauten.de  
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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## radios

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



### 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.

[Weiterlesen »](#)

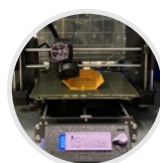


### UV disinfection box with new features

📅 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

[Weiterlesen »](#)



### Dobby the printer and the chamber of the Spreenauten

📅 23/02/2021

For some time now, there has been a lot of excitement on Meeraner Straße. There's a new employee and he's got a lot on his plate. He works around the clock, never takes a break and just wants to be fed with tasty data. All in all, he's a real model employee, but most people don't like his name. His name is I3 Mk3s, which sounds strange, so he will appear several times in this news under the name "Dobby". Dobby is a 3D printer and comes from the house of Prusa in 3 generation. Josef Průša designed the

first 3D printer prototype in 2012 and about 7 years and several upgrades later Dobby was finally created. It is now one of the best-selling 3D printers in the world and is part of the RepRap project. The RepRap project does not come from the American hip-hop slang, but means Replicating Rapid-prototyper. These printers can print all the plastic parts that you need to use the printer, so they are their own spare parts store, as long as you use them correctly. All you need for the printers are the right data sets and a production material. The following materials can be used: ABS, polycarbonate, polypropylene, nylon and many more. This makes it very easy to produce radio components from plastic, at low cost and in a time-saving manner. Product development is becoming increasingly important at Sreenauten. Individual 3D printers thus form the basis for the coming expansion into a 3D printer park. In addition to current projects, such as for the Weasl (Sneak Preview), we have been producing components for the individualization of radio technology for some time. Also installation aids, which help us to perform installations and work at the customer's site much faster, were produced with the help of a 3D printer. Thus, a small printer makes even the biggest customers happy. We welcome Dobby to the holy halls and hope he will ...

[Weiterlesen »](#)



### **Our rental radios at the Berlinale 2024**

📅 02/02/2024

Design, construction and support of high-quality radio cells based on Motorola radio technology hand in hand with effective IT solutions have been the focus of our business activities since the company was founded. We also maintain one of the largest rental fleets of radio equipment in Europe. Here, too, we specialize in the rental of high-quality Motorola radios. We are also very pleased to count many well-known festivals and industrial customers among our long-standing business partners. These include the well-known international film festival "Die Berlinale". In 2024, the radios for the Berlinale will again come from our sub-brand "Funkgeräte-Vermietung.de", which we are very pleased about, especially since cinemas are often a special challenge in terms of radio technology. Our team around Gregor, who is once again the main contact person for radios & radio cells at festivals this year, therefore already designed effective coverage plans during the planning phase so that we can now guarantee the best possible communication at all locations.

[Weiterlesen »](#)



### **The Sreenauten are growing: Strong year 2024 – and 2025 will be even better!**

📅 01/01/2025

2024 was a challenging year – which is precisely why we are particularly pleased about the strong growth and many interesting (and technically sweet) projects we have seen over the past year! We owe this growth above all to our extremely loyal customers – especially in the SME sector (focus: radio equipment rental) – as well as to our strong partnerships with global players that we have been privileged to support for over a decade. Equally crucial were our increasing level of automation, our increasingly stable process architecture, and, of course, the tremendous commitment of our entire team. In addition, we have gained valuable insights from our R&D projects, which are now finally paying off. Despite high inflation costs, we were able to invest in technology, logistics, and internationalization. Particularly exciting: We have set up our own data center with GPU technology for our AI projects in Spain! This clearly shows where we are headed in the next 24 months:

AI-supported process architecture for greater efficiency and dynamism, modernization of our web presence, and even more focus on smart technologies for our customers. Thank you to everyone who has been with us in 2024 and accompanied us on our journey – you are amazing! We are really looking forward to what 2025 will bring.

