

**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

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# product development

<https://www.spreenauten.com/funktechnik-news/product-development/>

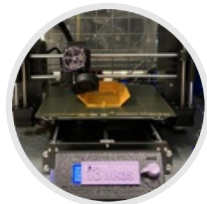


## Mobile UV disinfection for radios

📅 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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## 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 Spreenauten. 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 ...

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