




**THE NEW GENERATION OF
TELESTAR DAB+ RADIOS
WITH EWF FUNCTION IS
NOW AVAILABLE!**

October 11, 2022 – The first digital radio with EWF function is now available.

As first manufacturer in the market TELESTAR-DIGITAL GmbH proudly presents two multifunction radios, DIRA M 1 A and DIRA M 1 A mobil with EWF function. The products were launched at the IFA, the leading European consumer electronics fair in Berlin.

Should a disaster occur, the time factor plays a decisive role. Human tragedies can be avoided if we are able to warn the population quickly and comprehensively about an impending dangerous situation or calamity. With "EWF" standing for "Emergency Warning Functionality", the Fraunhofer IIS has developed an alarm system that transmits warning messages barrier-free and within seconds to EWF-enabled receivers via the DAB+ digital radio network. The receivers automatically switch to the emergency program and they can even switch themselves on from standby if necessary.

The test phase is already running

The system is currently in test phase in Germany. Also because of the experiences during the flood disaster at the Ahr, in July 2021, the project gained momentum among political decision-makers. On 08/12. the German warning day will be held.... on which EWF also will be tested nationwide.

With the TELESTAR DIRA M 1 A and M 1 A mobil, TELESTAR-DIGITAL GmbH will add two DAB+ radio models to its range, which will support the full range of EWF functions.

In addition to the voice output, the emergency program includes further information in text form - for example about the current situation, the area affected or more detailed instructions. These are shown on the receiver's display. For this purpose, a standardized DAB service is used with Journaline, which can be described as "teletext" for radios. This text component provides detailed background information for reference in several languages and also makes it possible to reach people with hearing impairments.

The advantage of this EWF solution: The complete EWF functionality including receiver alarms, voice output and journaline text information is distributed exclusively via the DAB+ transmission network; Internet access or a functioning mobile network are not necessary for reception.

Both devices are compact multifunctional radios from the TELESTAR DIRA series, one of the two can also be operated independently thanks to the integrated rechargeable battery (with 2600 mAh!), so even when there is a problem with the power supply in your area there is still the capability of receiving emergency warnings wherever you are.

About TELESTAR

Since 1993, the brand name TELESTAR stands for reliability and the highest quality with an optimum price-performance ratio. Located in Germany's beautiful Vulkaneifel region, TELESTAR develops, produces and distributes high-quality equipment for the reception of digital TV and digital radio via satellite (DVB-S), cable (DVB-C), terrestrial transmission (DVB-T/T2) and via DAB+ or IP. The company's product portfolio includes digital radio's, digital set-top boxes, modern distribution and unicable technology, Sat-to-lp solutions and systems for digital radio transmission and an impressive range of well-designed accessories for the reception of digital television. Telestar on top has mobility products like EV charging stations and e-steps. Just like Inolight USB arc lighters to reduce the ecological footprint.

TELESTAR on top has a good reputation as a distribution partner for other manufacturers: for air conditioners and air purifiers they work together with the Italian manufacturer Olimpia Splendid, for projectors with the Philips brand and decoding modules from freenetTV and a number of other product families and brands. Also in this field TELESTAR has been successfully responsible for a number of years.

About Fraunhofer IIS

The Audio and Media technologies department at Fraunhofer IIS has been an institution in this field for over 30 years. Since the invention of mp3 and the co-development of AAC and HE-AAC, Fraunhofer media technologies can be found in almost all consumer electronics devices, e.g. in computers and mobile phones. The fourth-generation Fraunhofer audio technologies and signal processing software solutions, all of which are precisely tailored to their respective areas of application, ensure an impressive sound experience: xHE-AAC for digital radio DRM and Internet streaming with low data rates, dynamic adaptation of the data rates and loudness Support, MPEG-H Audio for immersive and personalized sound on UHD TV, as well as EVS for Hi-Fi quality phone calls for LTE and 5G networks.

Fraunhofer IIS is also a leading supplier of broadcast encoders and receiver components for the open digital radio standards DRM (Digital Radio Mondiale) and DAB. The Fraunhofer ContentServer head-end technology powers the devices of numerous manufacturers and is used worldwide. The Fraunhofer IIS, based in Erlangen, is one of 75 institutes and research facilities of the Fraunhofer-Gesellschaft, Europe's leading organization for applied research.