

STARWAVES TruckBox



The STARWAVES TruckBox is worldwide the first compact solution for the mobile reception of digital radio programs in the newly exploited frequency range below 30 MHz ; it furthermore covers the whole analogue AM range and the DAB band III / L-band.

In this way it is possible for the first time to utilize professionally the very large ranges which may extend over thousands of miles for receiving worldwide interesting programs. The new digital technique thus produces high quality stereo reception similar to FM. Fading effects and disturbing noise known from MW and SW analogue radio belong to the past from now on in this digital mode (DRM).

But also in receiving analogue AM stations, the TruckBox sets new standards: employing most modern DSP technology a fundamental improvement is audible even in this case. Therefore, the reception of even far distant short wave stations may - also over a longer time interval – become a listening pleasure or a new source of information.

The STARWAVES TruckBox is simply interconnected between car aerial and car radio receiver. Besides the antenna cables and a 12 V power connection, no additional cables are needed. The operation is done by a radio remote control unit and the menu control is displayed on the digital display of the car radio.

In the Box the received [analogue or] digital signal is decoded and modulated on a programmable FM frequency; the new digital or AM stations are thus

available in addition to the usual FM stations on your car radio. Traffic news on the respective regional RDS system may be received while the actual digital program, e.g. TruckRadio, Deutsche Welle, or RTL radio runs in the foreground.

The initial operation is very easy. The frequency determined by the Box is set as a new transmitting station in the car radio. Tuning to this “station” the car radio switches automatically to the new program. The STARWAVES TruckBox provides already a large number of factory programmed digital and analogue radio stations. By manual and automatic scan functions, further worldwide available programs can be added the number of which increases steadily.

TECHNICAL DATA

- DAB Band III, L-Band, Canada and Korea band
- DRM 150 – 29999 kHz digital receiver
- AM 150 – 29999 kHz analogue receiver with DSP sound correction
- Integrated FM transmitter with RDS encoder
- 36 station keys each for DAB, DRM and AM
- Radio remote control with illuminated keys
- USB interface for firmware updates and data services
- Dimensions: 136 x 84 x 35,5 mm
- Power requirement: 12 V
- Antenna input: 75 Ω
- Separate AUX input, e.g. for iPod