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DIGITAL RADIO

Easyway Light

FM/RDS-TMC test receiver



The FM/RDS test receiver “Easyway Light” transfers via a conventional serial data cable all received RDS data (PI codes, Radiotext, clock time) to the connected PC, and displays these via the graphical user interface, whereby the included TMC-decoder decodes the traffic information accordingly.

The TA and TMC data can be distributed in the protocol recommendation ‘FHT’ („Funkhaustelegramm“) via the serial interface, or as UDP data stream to a local network. Additionally, the traffic announcements can be recorded, controlled by the TA data, as audio file for quality investigations.

The test receiver comprises an FM tuner, a micro-controller, and a RDS decoder. The Easyway is controlled via the included PC-software.



Currently, the Easyway is delivered together with the latest location and event list for Germany (lists for other countries as being available and potentially against separate fee).

The German list is delivered together with the TMC-decoder and is fully implemented. Implemented lists permit realistic monitoring of the broadcasted messages. Additional lists can be loaded if available in the correct format.



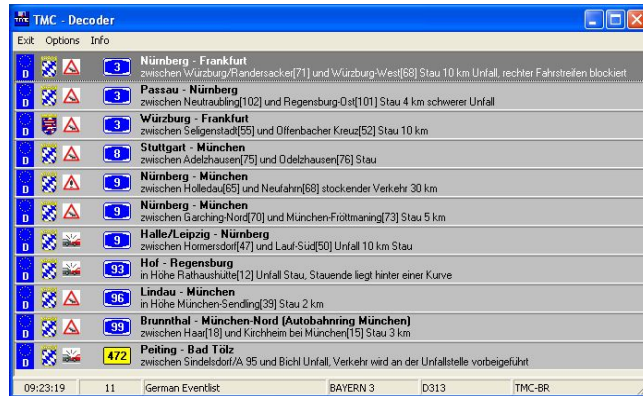
Technical data (hardware)

- Tuner
 - frequency range 87.50 MHz - 108.00 MHz (band II)
- RF sensitivity
 - pin > -90 dBm
- Output
 - stereo output, 250 mV (3,5 mm connector)
- Power supply
 - 6 V to 12 V external with ac adapter
- Power consumption
 - < 0,5 W
- PC connection
 - serial RS 232 interface (sub-D female)
- Dimensions
 - 100 / 50 / 25 mm
- Weight
 - 100 g
- Certification
 - this product is as a laboratory sample not CE-certified

Features (software)

- Control software
 - control of hardware via PC
 - menu functions for all RDS and TMC features
 - channel search

- direct frequency input
- pre-set keys for 20 frequencies including PS
- multi-sequence capability, also EUROAD messages
- storage capacity determined through size of hard drive
- TMC-decoder
 - inkl. latest location list for Germany. Lists for other countries on request
 - display of TMC messages in form of a list
 - country-specific selection of event- and location-lists
 - display of the decoded hexadecimal data
 - update of event and location lists as becoming available against payment of fee



System requirements

Computer: Min. Intel® Pentium® CPU
 Operating system: Windows® 2000, XP, NT

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