

Digital World Traveller DRM Receiver

Version 2.0



Description

The Digital World Traveller is a small, universal and easy to use mobile radio receiver for reception of Digital Radio Mondiale (DRM) broadcasts, the new standard for digital broadcasting below 30 MHz, as well as for analogue broadcasts in the FM and AM bands.

The Digital World Traveller consists of a receiver box, which is connected to a Notebook/PC over USB, and a software to control the receiver box and to perform the decoding of the DRM broadcasts. The software controls all functions of the Digital World Traveller and allows the storage of up to 8 stations for each frequency band. In the DRM mode, the software indicates the available service components and text messages of a DRM broadcast. An expert mode window provides additional information about the service components and also displays the spectrum of the received signal.

The receiver box is powered via the USB interface, so no external power supply is required.

Supported DRM channel coding and modulation modes

- All code rates
- EEP und UEP
- Standard and Hierarchical modulation (SM, HMSym and HMMix).
- Both MSC constellations (64QAM and 16QAM)
- Both SDC constellations (1QAM and 4QAM)
- Long and short cell interleavers

Supported DRM transmission structure

- All robustness modes (A,B,C and D)
- Spectral occupancies (4.5, 5, 9, 10 kHz)

Supported Source Coding

- aacPlus mono, parametric stereo and stereo
- HVXC+SBR
- CELP+SBR

Contact

Coding Technologies
Digital World Traveller

Deuschherrnstrasse 15-19
D-90429 Nuernberg
Germany

Phone: +49 911 928 91 0
Fax: +49 911 928 91 99

E-mail: drmrx@codingtechnologies.com
http: www.codingtechnologies.com

Connectors and interface

- Antenna input for loop and wire antennas (switchable by software)
- Headphones output
- USB Interface for connection to a Notebook/PC

Supported operating systems

- Windows 2000
- Windows XP Home Edition
- Windows XP Professional

Other specifications

- Dimensions: L x W x H: 11 cm x 6 cm x 3 cm
- Weight: 110 g (receiver box only)
- Operating temperature: 10-40° C

Included in delivery

- Digital World Traveller receiver box
- Digital World Traveller software on CD
- Operation manual on CD
- USB cable
- Wire antenna

Note: The information given in this product sheet is preliminary and subject to change without notice.