Product Line DRM / DAB MultimediaPlayer Professional

Overview

To exploit the full potential of digital radio on a PC the RFmondial MultimediaPlayer Professional based on Fraunhofer Technology can be used. At present, the software can be deployed with the digital radio standards Digital Radio Mondiale (DRM30/DRM+) and DIGITALRADIO (DAB Classic/DAB+/DMBRadio).

Along with providing radio programs in stereo and 5.1 surround sound, it offers a wealth of added-value features, including the parallel transmission of album covers, text messages, alarm signaling and sports results, all of which are displayed directly onto the player.

Versions

- Either DRM or DAB version
- Copy-protection: USB dongle

Specification

The following functions are included in the Professional Version:
- Windows (Linux) stand-alone application
- Input via DCP: EDI/MDI via UDP/file
- Intuitive access to all services
- Service decoding: X-PAD and Packetmode
- Full dynamic reconfiguration support
- Favourite selection
- Audio decoding: DAB classic (MPEG-1 Audio Layer 2), DAB+/DRM (HE AAC v2, xHE, optional: HVXC/CELP) all with MPEG Surround, Binaural
- Signalling: Service and Ensemble metadata, announcements, emergency alert
- Text service decoding: Dynamic Labels, Dynamic Label+, Intellitext, TextMessages
- Data service decoding: Journaline, SlideShow, BroadcastWebsite, TPEG Standard (textual list view, interactive map, view, basic message statistics), EPG/SPI
- Statistics: basic text statistics based on signalling information

Remote and recording (optional)

The following features can be added to the MultimediaPlayer Professional
- Server variant: HTML local and remote access
- Remote audio: wave
- Recording audio format: wav, native audio
- Recording type: subchannel, multiplex
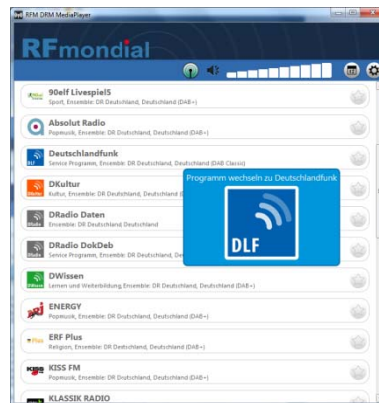- Recording setup: manual, scheduled

TPEG Professional (optional)

The following features can be added to the MultimediaPlayer Professional
- Advanced list view (detailed view, search, XML export)
- TPEG frame recording
- Monitoring mode (incl. reception timeouts)
- SNMP trap support
- SNI view
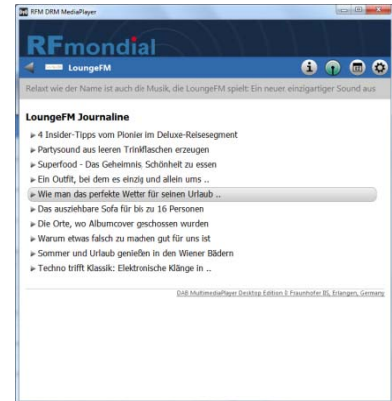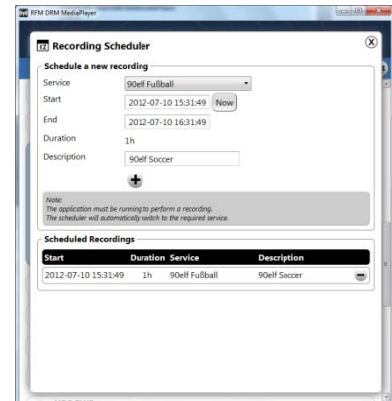- Detailed statistic
- Logging

Screenshots

Service list

MOT Slideshow

Journaline

Scheduling

Availability

Presently, the RFmondial MultimediaPlayer is obtainable for the following platforms:
- Windows
- Linux
- Mac

Support for diverse mobile platforms is available on request.

The design of the user interface can be adapted easily to the demands of the respective platform as it is based on HTML, CSS and JavaScript.