

T-DMB/DAB+ /DAB On-Air Analyser

- DABAir-II Plus is a portable USB - powered receiver that provides comprehensive monitoring and analysis of T-DMB/DAB+ /DAB services using a laptop PC.
- DABAIR-II Plus features improvements in RF measurement and GPS logging capabilities, making the product ideal for today's field and lab testing needs.

Key Features

- TII information display
- TS information display
- Reconfiguration information display
- Signal alarm
- OFDM status display
- Total bit rates and CU allocation information display
- Real RF level display
- Antenna loss compensate functionality
- Signal level graph control
- Multi decoding (optional)
- Multi Ensemble receiving (optional)
- Comprehensive RF logging
- GPS option, compatible with Google Maps and Google Earth
- Remote control via Ethernet option
- Multiple ensemble monitoring option



Specifications

KEY FEATURES

- ✓ **General Information**
 - USB monitoring and analysis receiver
 - DAB Ensemble Status Diagnostics
 - RF logging/reporting, graphical signal level status
 - Real time recording of sub-channels for off-line applications
 - FIC MPEG2-TS/MPEG4 in- depth Analysis
 - Audio/Video service monitoring (H264, BSAC/AAC+)
 - Data service monitoring (DLS, Slide Show, BWS, BIFS, TPEG)
 - Reconfiguration information display
 - Field monitoring with GPS
 - Services PC player for Musicam/DAB⁺ Audio, Audio/Video (H264, BSAC/AAC+) BIFS,TPEG
- ✓ **Field Monitor**
 - Real time GPS synchronisation
 - Off-line map synchronisation with field-saved data
 - Display location, signal level, BER status, TPEG data on Google Maps and Google Earth
 - Off-line analysis of field-saved data
- ✓ **Sensitivity**
 - Band III : -102dBm (Max)
 - L-Band : -97dBm (Max)
- ✓ **Maximum Input Signal Level**
 - Up to 0dBm
- ✓ **RF Input**
 - Band III (174 MHz ~ 240 MHz)
 - L-Band (1452 MHz ~ 1492 MHz)
- ✓ **Decoding View**
 - DAB⁺, Musicam Audio Decoding
 - Audio/Video (H264,BSAC/AAC+) with or without BIFS
 - MOT (BWS, Slide Show, DLS) data play
 - TPEG player
- ✓ **Simultaneous display of multiple service**
 - Max 7 services upto 800 kbps:
3 video within 640kbps
 - 4 audio & data within 400 kbps
- ✓ **Player Option**
 - DAB⁺
 - Musicam Audio (with DLS, DWS, Slide Show)
 - Video (with/without BIFS),
 - Data (TPEG/TDC & MOT, BWS Slide Show, EPG)
- ✓ **Service Monitoring and Analysis Option**
 - Musicam /DAB⁺ monitor & analysis
 - MOT (BWS, Slide Show, DLS) data monitor & analysis
 - MPEG2-TS/MPEG4 monitor & analysis
 - BIFS monitor & analysis
 - TPEG-TDC/MOT monitor & analysis

- ✓ **Recommended PC Requirements**
 - Dual Core 1.83GHz, 1GByte memory, or Higher
 - VGA : 256Mbytes or higher memory
 - Windows XP Professional, Windows Vista operating system
 - Resolution : 1024 x 768 or higher
 - Voltage : DC 5V (from USB port)
 - Operating temperature : 5°C to 40°C
 - Operating humidity : 45% RH ~ 85% RH
 - Requires two free USB ports

OPTIONAL SOFTWARE

- ✓ **Real-time Monitoring Software**
 - MPEG2-TS PAT, PMT, PCR Monitoring
 - MPEG4 H.264 OCR, CTS Monitoring
 - AAC/BSAC Audio Analysis
 - Video and Audio Error Rate display with Graph
 - Customisation of graph selection
- ✓ **Real-time MOT Monitoring Software**
 - Incoming MOT files download status
 - Live MOT Data streaming details
 - View MOT directory and MOT header/body structure information
 - View Total Number of MOT objects download status
- ✓ **Real-time BIFS Monitoring Software**
 - Full BIFS Parameter Analysis and Monitoring
 - Full OD Parameter Analysis and Monitoring
 - BIFS Play and Display
 - PAT/PMT Analysis for comprehensive BIFS verification
- ✓ **FIC in-depth analysis Software**
 - In-depth analysis on saved information
 - DAB Ensemble structure information
 - Analyse FIC structure
 - Sub channel Data information
- ✓ **MPEG2-TS/MPEG4 in-depth analysis Software**
 - TS Structure Analysis /PIDs, PST, TS Hex data display
 - MPEG2-TS analysis /PAT, PMT, PES
 - Header/payload, 14496 section, Descriptors
 - MPEG4 /IOD, OD, BIFS, SL_configDescriptor, scene graph, etc
- ✓ **TPEG Monitoring Software**
 - Supports TPEG-TDC and TPEG-MOT services
 - CIT, RTM, POI, NWS, SDI, TEC



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