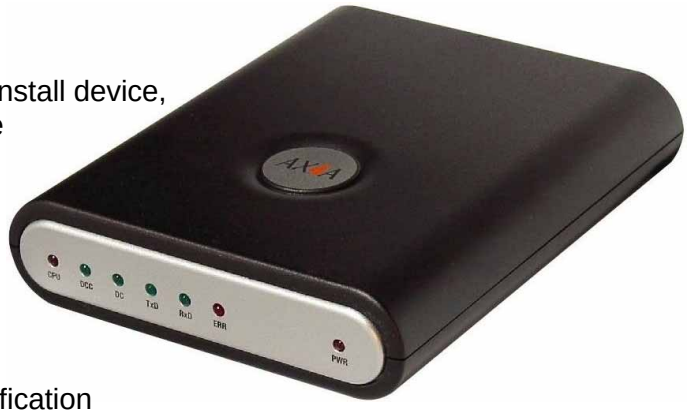
Specification Sheet

DB1000 USB External Decoder



Designed specifically as a user-friendly and easy-to-install device, for the reception of broadcast data services using the vertical blanking interval of a television signal.
It will receive and decode data following the PAL/ World System Teletext (WST) standard.

Features

- Small sized with standard USB (1.1) interface
- Data broadcast reception capabilities:
  - Packet 31 reception to WST technical specification
  - Throughput full VBI bandwidth, equivalent to 230 Kb/s (32 VBI lines/frame)
  - Full repeat/continuity processing and CRC error detection
  - Full VBI processing capabilities
  - 6 independent services in parallel
- Conditional access:
  - Unique address for every receiver (6 bytes)
  - Each service is separately controllable by the transmitter (on, off and 16 bytes bit field)
- Teletext reception capabilities:
  - Supports full Teletext reception and separate mode reception of 1 page

System

- Philips Multimedia tuner of FI1200MK2 family
- Philips Digital Data Slicer
- EMC requirements (Radiation/Immunity/ESD): EN55022 and EN50082-1 European standards).
- Safety requirements: EN60950 and EN60065 (European standards).
- TÜV certification mark

Software

- TV channel scan function, scans all available RF TV channels, automatically identifying all recognisable TV Broadcasts and Teletext services which transmit the PAL/WST Packet 8/30 Broadcast Service Data Packet (BDSP)
- All receiver functions are software controlled using proprietary "AT" command set, similar to that found in many modems.
- Software interface compatible with DB1000 SER model, via virtual COM port driver.

Hardware

- Inputs: UHF/VHF: 75 ohms unbalanced or base band video
- Data/Teletext interface: High Speed Mode USB 1.1 (Speed up to 1 Mb/s)

Physical Parameters

- Chassis: Desktop
- Dimensions: Width 8 x Depth 15 x Height 3 (all dimension are given in centimeters).
- Weight: 250grams

Power Requirements

- Fully powered by USB (No external power adaptor required)
- Power consumption less than 2 Watts

Platform Support

- Windows 95/ 98/ Me/ 2000/ XP
- Optional drivers available for MacIntosh and Linux