

USB Device for DVB-T Receiving MT920 / MT920 Package

Introduction



MT920 is the USB device for enabling DVB-T signal receiving and program rendering on PC. It has DVB-T standard compliant tuner and demodulator inside. It can receive DVB-T signal and simultaneously encapsulate the MPEG2-TS, the demodulator output, over a USB 2.0 link. Usually, MPEG2-TS is forwarded to Microsoft Windows systems and the proper application software can handle it through MT920's BDA (broadcast device architecture) drivers. Thus, it is convenient for users to watch DVB-T programs on their PCs while the software applications decode the

MPEG2-TS and render it.

MT920 Package also includes the antenna and the application software. It easily turns users' PCs, no matter desktop or laptop, into a TV display without extra power source except USB.

There are two packages for MT920: Standard Package is well designed for easy carrying and MT920 Lite Package is for the performance-oriented users.

Feature

- High dynamic range control through digital
- Embedded controller inside
- Program ID filtering (max 32 PIDs)
- Digital TV watching
- Time-Shifting/Time-Freezing
- Record to HDD
- Schedule Recording
- Channel Scan
- Electronic Program Guide (EPG)
- Sub-Title
- TeleText

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Specification

- Input Frequency: 47-862 MHz
- RF Impedance: 75 Ohm
- RF Connector: MCX plug
- Demodulation
 - COFDM 2K/8K, Nordig / ETS 300.744 compliant
 - QPSK, 16QAM, 64QAM
 - 6/7/8 MHz Channel Bandwidth
- Sensitivity: +1dB to -90dB
- USB Interface: USB 1.1/2.0 slave
- IR Remote Control Management
- IR Remote Controller
- IR Receiver (on USB dongle)

General

- LED Indicator
- Max USB current < 500mA in normal operation, Idle current < 2.5mA
- Operation System: Windows XP/2000/2003
- Power Consumption
 - Working mode: 2W
 - Idle mode: 0.4W
- Temperature in Working Environment: $-4^{\circ}\text{C} < T < 60^{\circ}\text{C}$, no performance loss

