

## DVB-C Annex-A (Cable TV) Receiver, TS Recorder, DVB-ASI/SPI Player

### Standard Features:

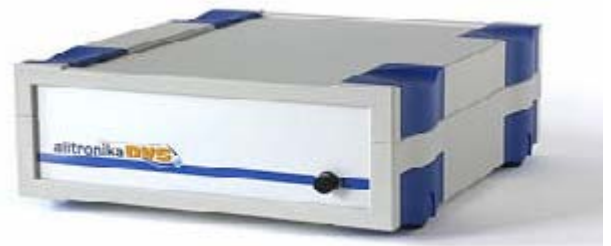
- Combined DVB-C Annex A Input and DVB-ASI/SPI Output Device.
- High Speed USB 2.0
- Windows 2000 & XP Drivers and now Linux Drivers & API.
- Accompanied by DVStation2 Alitronika's Application Software.

### Input

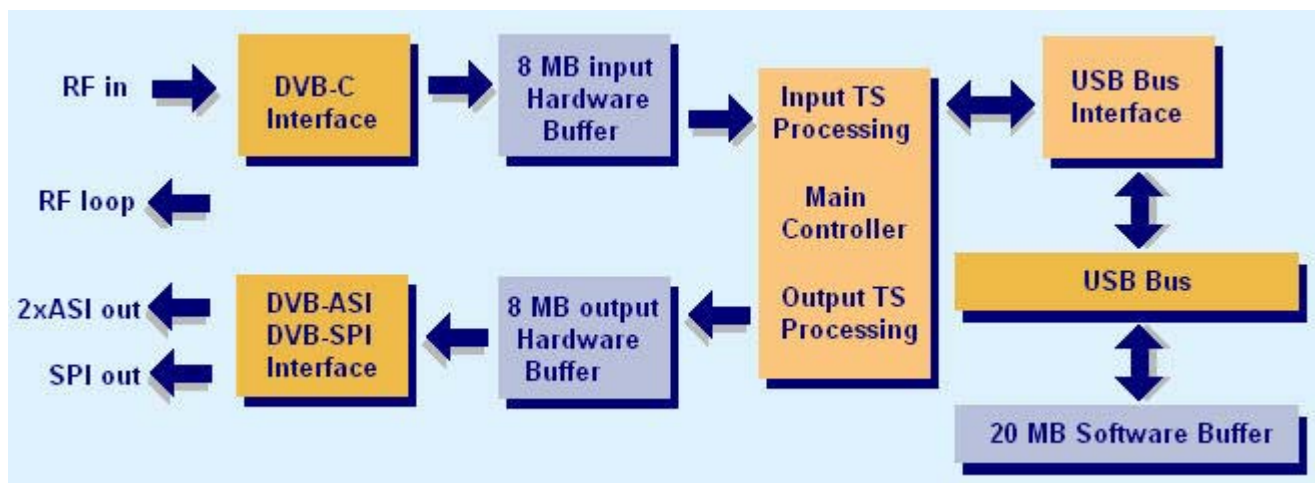
- DVB-C Compliant QAM Reception.
- Input Frequency Range: 47 MHz to 862 MHz.
- Symbol Rate: Variable capability from SACLK/64 to SACLK/4
- Supports 188, 204 Transport Packet Sizes.

### Output

- RF Loop Through Output.
- Simultaneous two Serial ( ASI ) and one Parallel ( SPI ) Outputs.
- Supports DVB According to Standard A1010 Rev1 and EN50083.



### Block Diagram:



# AT700USB

## *DVB-C Annex-A (Cable TV) Receiver, TS Recorder, DVB-ASI/SPI Player*

### Applications:

Targeted for Digital Video Professionals, Sophisticated End Users and OEMs

The AT700USB is an ideal solution for a number of applications such as:

- Development Tools.
- DVB to IP Gateway.
- DVB-C to DVB-ASI & DVB-SPI Converter.
- MPEG-II Transport Stream Recording, Monitoring, Playing & Processing.
- Software Based MPEGII Decoders.

### Specifications:

- On Board Buffer: 16 Mbytes.
- RF Tuner Connector: 75 Ohms IEC female Type.
- Loop Through Connector: 75 Ohms IEC male Type.
- Input Frequency Range: 47 MHz to 862 MHz.
- Input Level: -15dBmV to +15dBmV.
- LO Step Size: 62.5 KHz.
- Standards: DVB-C (ETS 300-429/ITU-T J83 Annex A).
- Modulation Modes: 4/16/32/64/128 QAM.
- DVB-ASI Connector: 75 Ohms BNC.
- Output Signal level: 1.0Vp-p nominal.
- DVB-SPI Connector: 25-pin sub-D.
- DVB-ASI Output Bit Rate: 0 to 214 Mbit/s.
- DVB-SPI Output Bit Rate: 0 to 108 Mbit/s.
- DVB-ASI Output Clock: 270 MHz.
- DVB-SPI Output Clock: 0 to 13.5 MHz.
- DVB-SPI Output Level: LVDS.



*Connections to AT700USB*