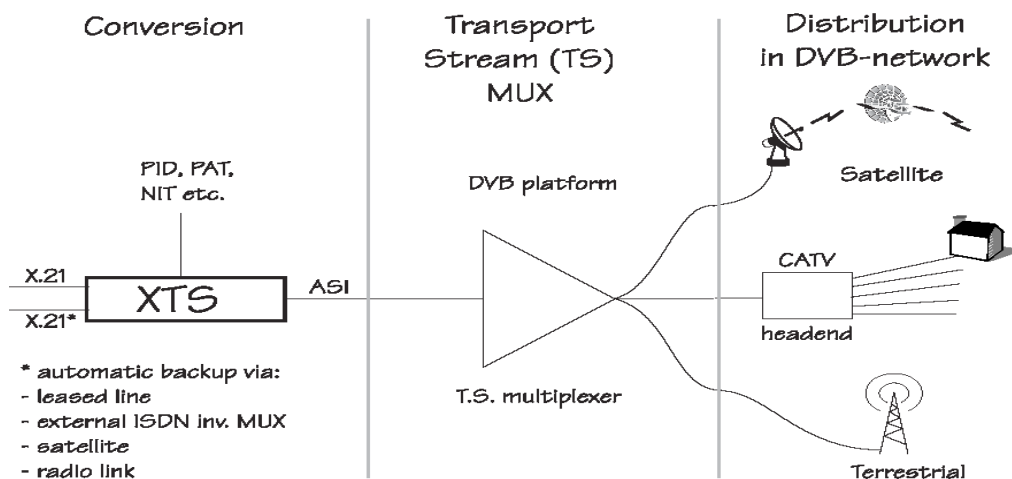


## AT2-XTS

### Stand-Alone Audio Adapter for DVB

Programme suppliers need to access all media, especially in future proof DVB networks. The technique should be simple and universal – at an attractive price, in order to match slim budgets of broadcaster and network operator. *Even more*, high quality and reliability plus flexibility are required to justify investments in a rapidly changing market *and to provide a reliable broadcast service to ten thousands of listeners.*

#### The AT2-XTS provides all this!



#### One stereo programme is converted into one separate DVB Transport Stream

The AT2-XTS converts a MPEG encoded audio signal into a DVB Transport Stream TS. Audio only programmes may extend standard networks. Any TS multiplexer will accept the AT2-XTS output signal, in satellite up-link stations, CATV head ends or play-out centres.

#### Network operators

Can minimize initial costs when moving into DVB services, as *they may use leased lines, ISDN links, satellite or multiplex channels to convey the programme signal to their hub.* The AT2-XTS is attractively priced and offered in single or dual programme versions.

#### Programme providers

Do not have to pay for excessive equipment at their service providers – as the AT2-XTS is a slim design

#### One AT2-XTS for 1 or 2 stereo programmes

Self-contained, compact, attractive price – no overhead investment when starting or extending the number of channels

## Applications

- Distribute audio programmes over satellite – even from far away located broadcasters
- Feed audio programmes into cable TV networks – entrancement of local presence
- Offer audio programmes in terrestrial DVB-T – right from the begin of this new area

## Special Features

- The dual auto-sensing X.21 input accepts MPEG audio from local codecs and standard contribution links
- *Automatic Protection Switching in case of MAIN signal failure*
- After initial programming, the AT2-XTS likes to work alone
- One or two converters in a slim 19" cabinet with 1 RU only – even with redundant power supply

## Technical Data

AT2-XTS Classic	1 converter, 1 or 2 PSU's (redundant)
Dual AT2-XTS Classic	2 converters, 2 PSU's (redundant)

## Input

Synchronous port X.21

Connectors	2, MAIN and BACK-UP
Select	Automatic (Loss of Signal) or external
Rates	64 kbit/s ... 384 kbit/s <sup>1</sup>
Type	15 pin SubD

## Output

DVB-ASI Transport Stream acc. to EN 50083, pt 9

Connectors	2 buffered
Type	BNC

## Signal Format

DVB-Transport Stream, packet mode - block length 188 or 204 bytes (dep. on input signal)

## Display

LED at front panel

- Active input
- Outputs
- CPU
- Supply voltages, primary and secondary

## Alarms

3 dry relay loops (electronic) free assignable

- Connector, Type 9 pin SubD

## Programming and Control

CONTROL Asynchronous serial interface acc. to RS/EIA 232

Formats selectable:

- Baud rate 9.6 kB
- Parameters PID  
PAT  
NIT, SDT, EIT, TDT  
on request switching delay MAIN - BACK-UP

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<sup>1</sup> Higher rates on request  
02-10-02

**Cabinet**

19" subrack 1 RU (484 x 45 x 260 mm), Weight approx. 3 kg

**Power**

85 to 240 VAC

app. 10 VA (AT2-XTS Classic), app. 15 VA (Dual AT2-XTS Classic)

**Safety**

CE marking (electrical hazard, EMC)

**Options**

Modular design for 19" subrack 3 RU & higher MPEG rates