



# TDC779X Tahoe

**ANALOG/DIGITAL, DUAL TUNER, HD DVR  
SET-TOP BOX WITH CABLECARD™ INTERFACE**

## Technical specification



### HIGH DEFINITION DUAL TUNER TECHNOLOGY FOR THE HOME

The TDC779X Tahoe set-top box provides a dual feature in HD DVR choice to allow crossover from analog to digital for operators in the North American cable industry.

With dual tuners users can watch one channel while recording another or record two channels while watching stored content.

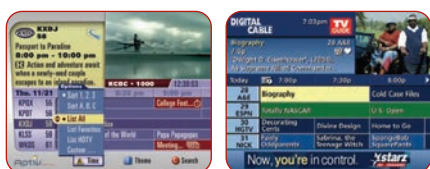
The advanced filtering technology maximizes picture quality from analog signals. External hard drive expansion is also available through Serial ATA drive connectivity.

An integrated DOCSIS™ 2.0 cable modem with DSG signaling support enables interactive services.

Multiple CAs are supported including CableCARD.

### KEY FEATURES:

- Dual High Definition decode for PIP
- Dual Video Tuners allowing two channels to be watched and recorded
- Multistream CableCARD (M-Card) support
- Advanced filtering technology for optimum analog channel picture quality
- Fully comprehensive and advanced connectivity including HDMI
- External Serial ATA drive support
- DOCSIS 2.0 integrated cable modem with DSG signaling support
- Dual USB 2.0 ports
- Vacuum Fluorescent Display for blue channel number and clock display plus additional colored icons
- Stereo RF output for deployment to customers before they have an HDTV



EPG SCREENS



TDC779X

#### **RF INTERFACES:**

- 2 x MPEG In-band, 54-864MHz Tuner with QAM 64/256 decoding
- 1 x OOB, 70-130MHz Agile Tuner with QPSK decoding
- 1 x RF Return, 5-42MHz, QAM/QPSK Modulator
- RF Bypass (Internal)

#### **ANALOG AV:**

- 2 x Video Demodulation and digitisation with VBI and VITS support
- 2 x Audio Demodulation and digitisation with BTSC and SAP support

#### **AUDIO VIDEO OUTPUT:**

- Composite Video
- VHF Output on CH3 or CH4
- Dual AC3 Matrix surround down mix to Stereo
- 16/32 Bit Per Pixel, 960 x 540 and 854 x 480 resolution, Graphics Support

#### **FRONT PANEL:**

- 12 Buttons (Navigation, Select, Power, Guide, Bypass, Menu, Info, Ch +, Ch -)
- VFD clock/channel display
- Additional indicators for Message, Bypass, HDTV, Power, IR, Record, Play

#### **SYSTEM PROCESSOR / MEMORY:**

- Minimum 420 Dhrystone MIPS Processor
- 32MB FLASH as standard, 64MB FLASH available
- 256MB DDR SDRAM option

#### **CONDITIONAL ACCESS:**

- Multistream CableCARD (M-Card)

#### **PACE SOFTWARE:**

- Pace EngineWare™ software V1.0 and STT driver code

#### **SET-UP AND DIAGNOSTICS:**

- Diagnostic screens for on site installation and debug

#### **SOFTWARE UPDATE MECHANISM:**

- OOB Software Download Mechanism

#### **ACCESSORIES:**

- Consumer User Manual and safety information sheet
- Power Lead (2m Polarised 2 Pin IEC)

For more information on the TDC779X or any other Pace product please visit our website [www.pacemicro.com/products](http://www.pacemicro.com/products)

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