LEADTEK

Computer Graphics   Multimedia   Videophone   GPS

WinFast PVR3000 Deluxe
Hardware MPEG-2 with high quality 3D Y/C TV card

Introduction

2006/12/27
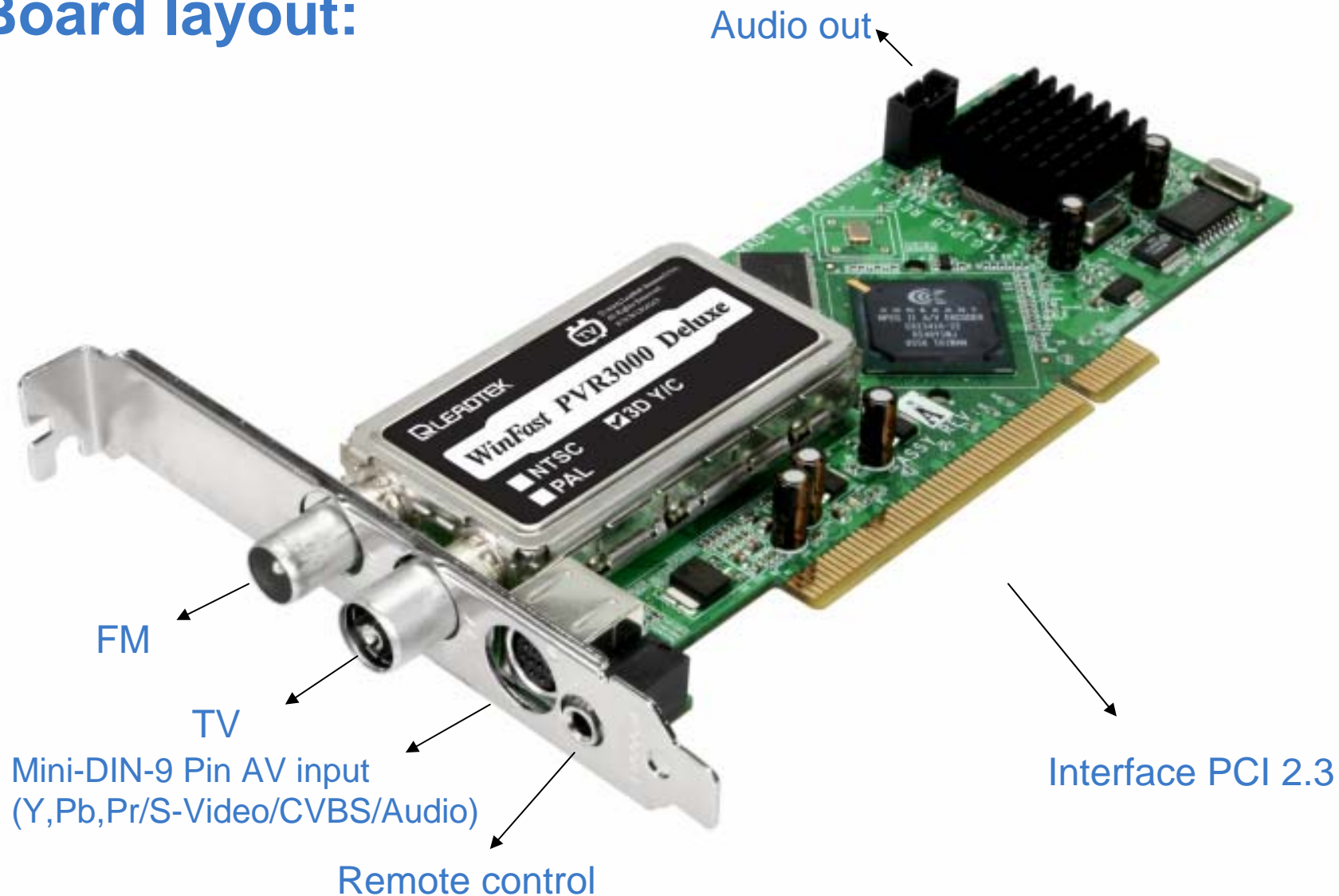
Product Specifications

- High quality CAN tuner
- **NEC 3D Y/C and Noise Reduction processing IC**
- **Video/Audio Processor**
  Micronas Video/Audio front-end
- **MPEG II Hardware Encoder and PCI bridge**
  Conexant MPEG encoder
- Interface: 32-bit PCI 2.3 bus mastering Compatibility
- Low-profile card design

Connectors:
    1 RF for Antenna (analog or digital)
    1 RCA jack for FM
    1 9-pin MiniDin for Y, Pb, Pr/CVBS/S-Video/Audio input
    1 phone jack for remote sensor
    1 4-pin jack for audio output

Board layout:

Audio out

FM

TV

Mini-DIN-9 Pin AV input
(Y,Pb,Pr/S-Video/CVBS/Audio)

Remote control

Interface PCI 2.3

Features

- Watch and record High Quality Analog TV, Listen to FM
- Supports TV standards(PAL/SECAM/NTSC) and Stereo audio standards(NICAM/A2/EIA-J/MTS)
- Hardware MPEG-II Encoder provides better video quality with lower CPU usage.
- 10bit ADCs and High quality 3D Y/C Separator for NTSC/PAL
- 3D Noise Reduction for NTSC (except for using the PAL 3D Y/C)
- Support Component Y/Pb/Pr, S-Video, Composite signal capture
- Power On/Off by remote control: Remote Power ON and OFF in 1 click
- Power Up Scheduling- scheduled recordings with Standby/Hibernate (S3/S4) mode

- Support Hardware MPEG-2 and software MPEG 1/2/4/WMV
- DirectBurn- Capture video directly from TV signal or external video devices to DVD/SVCD/VCD
- TimeShifting features to pause, rewind, and fast forward live TV
- Skinable application
- Fast Channel Switching and Scanning
- EPG (Electronics Program Guide) support
- Supports Messenger for video conferencing. Share TV programs with far away friends
- Multi-language support (English, Germany, French, Spanish, Italian, Chinese, Romania, Polish, Russian)

3D Y/C Separation and 3D Noise Reduction

Normal
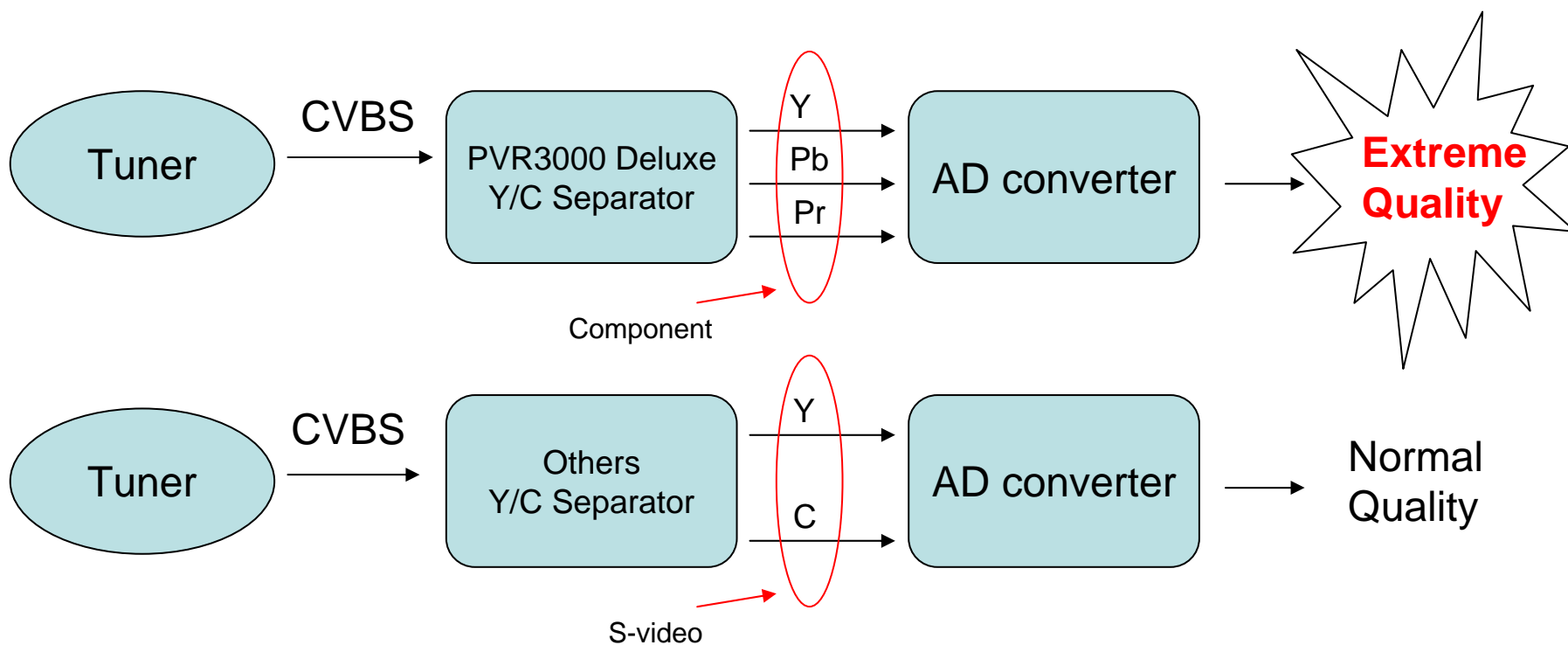

3D Y/C Separation

Normal

3D Noise Reduction

Product	WinFast PVR3000 Deluxe			Others		
Input Signal / TV System	TV	Composite	S-Video	TV	Composite	S-Video
NTSC		Double 3D	3D NR	2D or 3D Y/C w/o 3D NR		No
PAL	3-Line Y/C + 3D NR or 3D Y/C		3D NR	2D Y/C w/o 3DNR		No
SECAM	BPF-Y/C + 3D NR		3D NR	2D Y/C w/o 3DNR		No

Double 3D = 3D Y/C + 3D NR

High-end LCD TV quality 3D Y/C and 3D NR

- WinFast PVR3000 Deluxe with NEC 3D YC separation (data transfer by Component signal Y, Pb, Pr) and 3D Noise Reduction.

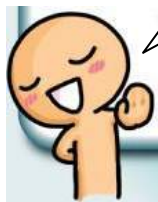 Others 3D YC separation is only with Y and C signal and normal Noise Reduction

```
Tuner  --CVBS-->  PVR3000 Deluxe     Y
                  Y/C Separator      Pb   --> AD converter -->  Extreme
                                     Pr                          Quality
                       (Component)

Tuner  --CVBS-->  Others             Y
                  Y/C Separator                --> AD converter -->  Normal
                                     C                                Quality
                       (S-video)
```

NOW

How to make a home video Disc ?

With **DirectBurn**

1. Run the application and capture the video to **VCD**/**DVD**.

DirectBurn

Home Video

DVD/miniDVD

TV program

So easy !

Just one click. Capture video to VCD/DVD directly. Save your time and HDD drive space.

Remote power on/off

No keyboard. No mouse. Sit back and watch TV programs with your PC as a TV set. With use of a single TV/FM/DVD button users can now switch on TV/FM/DVD from off mode at ease.
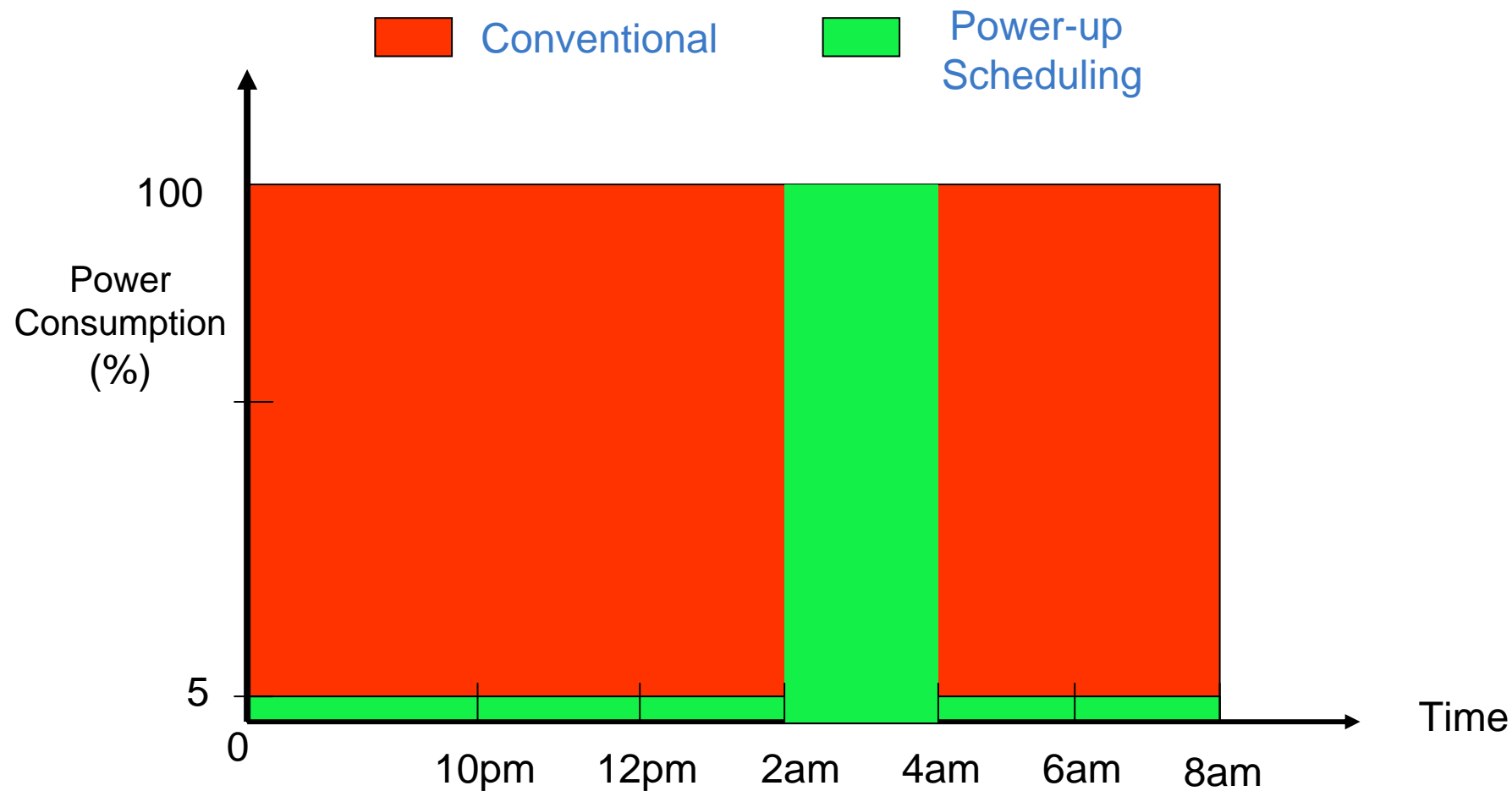

Off mode

TV/FM/DVD

Power on

Accessories :

1. FM antenna
2. IR sensor plug
3. Audio cable
4. MiniDin cable
5. Remote control and batteries
6. WinFast software pack CD-ROM
7. User's Manual

Value Bundle software

- **US$250** Worth Ulead Software

- VideoStudio™8
  (Video Editing Software)

- DVD MovieFactory™ 3.0 Disc Creator
  (Video Authoring Software)

- COOL 3D™ (3D Effect)

- **US$39.95** Worth Cyberlink
  - PowerDVD 6.0
- Orb™ for web streaming

System Requirements

- TV Viewing   Intel® Pentium® III 600 MHz

  DVD recording Intel® Pentium® 4 1.6GHz or higher (P4 2.4GHz recommended)

- 256MB of system memory (512MB recommended)

- Windows XP SP2

- 100MB hard disk space required for installation. Additional space required for recording and TimeShifting

- Video card/chipset with DirectX 8.1 support

- DirectX 9.0c or higher installed

- Sound card/chipset for audio playback

- PCI slot available

- Antenna/cable TV connection

Product Comparison

Brand	Leadtek	Compro	AverMedia
Product	**PVR3000 Deluxe**	**H900**	AVerTV Purity 3D MCE250
Form Factor	Low Profile	Low Profile	ATX
Tuner	**Can tuner**	**Silicon tuner**	**Can tuner**
3D Y/C (PAL&NTSC)	**Yes(LCD TV quality)**	**NTSC Only(Normal quality)**	Yes(Normal quality)
3D NR	**Yes**	**No**	**No**
FM	Yes	Yes	Yes
Channel Switching	**Fast**	**Slow**	**Slow**
Channel Scanning	**23 sec**	**2~3 mins**	**2~3 mins.**
Stereo	V	V	V
Skin Changeable	**V**		
Power-ON by Remote	V	V	
Power-ON by Remote (TV, FM, DVD)	**V**		
Component (Y Pb Pr) input	**Yes**	**No**	**No**
Bundle Software	**Yes**	yes	**No**

Note: The "Features" label spans all feature rows in the left column.

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Leadtek Research Inc.,
Thanks