

LEGEND

Digital TV Receiver/Recorder



PVR with twin tuner - record one channel while watching another



The Legend Personal Video Recorder receives digital television reception with crystal clear pictures and incredible surround sound on any television set. You can Record up to *80 hours of television directly to the unit with out the need for any tapes.

The Legend PVR adapts to your lifestyle. You can now pause live television - to answer the phone or get a coffee - then simply press play to resume watching where you left off. The twin tuner allows you to watch one channel while recording another - simulating a TV/VCR set up but with all the advantages of digital.

What does the LEGEND PVR offer you?

- *Up to 80 hours recording time on integrated 160GB Hard Disk Drive (Available in 80, 160, 250 & 400Gb)
- Pause, Record and Replay, Time-shift (buffered playback of live broadcast up to 60 minutes)
- FF, REW, Slow, Frame by Frame, Instant recording, Programmed Recording (time shift)
- Twin Tuner - watch one channel while recording another channel
- MP3, Photo Album supported through USB download
- Variable aspect ratio (Widescreen & Letterbox)
- Electronic Program Guides complete with program information
- RCA, S-Video, optical S/PDIF, Component and Scart Outputs
- Dolby AC3 digital audio bit stream out through S/PDIF Output
- DVB-T Standard
- Channel list editor
- Automatic channel scan

Record digital television with out any tapes



LPVRC080 80GB HDD(40HRS)
LPVRC160 160GB HDD(80HRS)
LPVRC250 250GB HDD(125HR)
LPVRC400 400GB HDD(200HR)
LPVRC500 500GB HDD(250HR)



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Features

Receiver:

- MPEG - II Video (MP@ML)
- MPEG - I Audio Layer 1, Layer 2
- MPEG - II Digital & Fully DVB Compliant
- LD Quality Video, CD Quality Audio
- European DVB-T standard
- Twin-Tuner : one channel watching while one channel recording
- On-screen Graphics menu with 256 Colours Full-Resolution
- User Friendly OSG menu with full function
- Plug & Play Installation
- 4 - digit 7 - segment LED on the front panel displays channel information
- Displays local time on front panel, when it is on stand-by mode
- RD-232C port for additional information services and update of the receiver control software
- 64-Steps Volume control
- Favorite channel function
- IR remote control
- Last channel memory function
- Variable aspect ratio
- Maturity Rating control / Installation lock / Receiver lock
- EPG for on screen channel information
- Teletext supported by OSD & TV set
- Subtitle supported
- Total 2,000 channels programmable
- Dolby AC3 digital audio bitstream out supported through S/PDIF output (Coaxial/Optical)

PVR:

- Instant recording, Reserved recording function
- PVR function with variety trick mode : FF, REW, Slow, Frame by Frame, Repeat, Jump, Index
- Time shifting functions (PAUSE function for live signal)
- Random Access function while playback or time shifting
- Last play function
- Play function while recording
- Permanent storing function of the time shifted files
- Time - shifting and Recording simultaneously
- File management (Rename, Delete, Lock, Sort)
- MP3 function / Photo Album

Specifications

Tuner & Channel

RF Input Connector	IEC type, female x 2
RF Output Connector	IEC type, male x 2
Input frequency Range	VHF : 174~230MHz UHF : 470~860MHz

Input Signal Level

OFDM-Demod IC	-78dBm ~ -15dBm
Input Impedance	CX22702 (produced by Conexant)
ANT Input Return Loss	75 Ohm
Channel Band width	6dB typ.
Spurious Signals at Input Terminal	7MHz typ. 46dBu max. (50-950MHz) 54dBu max. (950-1750MHz)

MPEG Transport stream X/V decoding

Transport stream	MPEG-2 ISO/IEC 13818 Transport stream specification
Profile & Level	MPEG-2 MP @ ML
Input T/S data rate	80Mbit/S max.
Aspect Ratio	4:3(Center, Letterbox), 16:9
Video Resolution	720 x 576 (PAL), 720 x 480 (NTSC)
Audio Resolution	MPEG audio layer 1 & 2, musicam
Audio Mode	Stereo, duel channel, joint stereo, mono
Sampling rate	32, 44.1 and 48 kHz

Memory

Flash memory	2M bytes (Default 2M bytes)
Program DRAM	16m Bytes
EEPROM	2K bytes

A/V & Data in/out

S-Video out	Mini DIN x 1
CVBS video out	RCA x 1
S/PDIF	Coaxial x 1, Optical x 1
Analog audio out	RCA x 2 (L-CH x 1, R-CH x 1) Resolution 16bit DAC Output Level 2Vrms Max Volume & Mute control
Data interface	RS232C, Baud Rate 9600 ~ 115200, 9 Pin D-Sub

RF-Modulator

RF-connect	75ohm, IEC169-2, Male/Female
Output Channel	CH 28~69
TV standard	PAL B/B

Recording Options

Pause time (Time Shifting)	about 60min Max.
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USB Interface

Connector type	Serial B
USB Driver	Ver 1.1
Data Rate	12Mbps Max

Storage

Interface	IDE
Protocol	ATA-5
Data Read/Write	DMA mode 2

Key Functions

Pause	Supported
Record	Instant record
Fast forward/reverse	Multiple rate
Slow motion forward/reverse	Multiple rate
Frame by Frame	Supported
Random search	Supported
Instant replay	Supported

Power Supply

Input voltage	AC 240V~, 50Hz
Type	SMPS
Power Consumption	30W max. (Below 7W max. for stand-by mode)

Protection

Separate internal fuse and chassis grounding and the input shall have lightning or electric shock protection

Physical Specifications

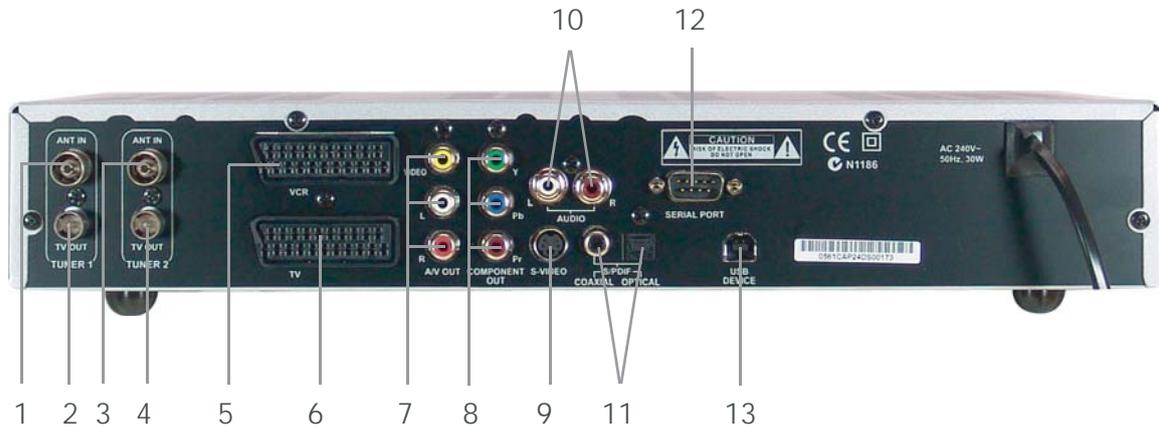
Size (W x H x D)	370mm x 60mm x 280mm
Weight	about 3.0Kg

Environment

Operating temperature	+ 5 c ~ + 40 c
Storage temperature	- 40 c ~ + 65 c



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Rear of unit

- | | |
|----------------------|------------------------|
| 1. Ant in (tuner 1) | 8. Component Video Out |
| 2. Ant in (tuner 2) | 9. S-Video |
| 3. TV out (tuner 1) | 10. Audio RCA |
| 4. TV out (tuner 2) | 11. S/PDIF |
| 5. VCR Scart | 12. Serial Port |
| 6. TV Scart | 13. USB Port |
| 7. Video & Audio RCA | |