



You don't miss even a second.

## Personal Video Recorder

### PVR-8000

Record one channel while simultaneously viewing another.

Record directly on Hard Disk Drive without the use of videocassettes.

USB port: possible to download MPEG files from PC.

Various HDD capacities are available.

# PVR-8000

## Personal Video Recorder



**Only it can freeze time and play back.  
Every second of it.**

**T**his product combines the digital set-top box and digital video recorder into one. With its set-top box features, viewers can watch Free to Air broadcasts as well as encrypted broadcasts with Common Interface. Easy installation, user-friendly UI, and simple menu configuration are all parts of its STB package. It also provides the viewers with the latest technology by software updates through OTA (over-the-air) service via satellite and built-in serial port (RS-232C).

As a video recorder, it is equipped with familiar basic functions such as record, rewind, fast-forward, play, and slow motion play in high quality audio and video, all without the hassles of videotapes found in traditional analog recorders. Its advanced digital technology functions include time shift and a variety of playback speed during fast play and slow motion play. In addition, its twin tuner allows the viewing one channel while recording another at the same time. Some specific HDD models of Seagate are recommended and extendable with various HDD capacities to fill your needs.



Seagate is the leading partner for the Consumer Electronics industry.

### Features & Functions

#### Digital Satellite Receiver

- MPEG-II Digital & Fully DVB compliant.
- 2 Common Interface slots for CA modules.
- User Friendly Graphic Interface.
- Advanced Electronic Program Guide (EPG).
- Program search in automatic, advanced, and manual.
- Favourite channel list organizing.
- Multi-language support.
- Parental control by age limitation.
- Easy and automatic step-by-step installation.
- Software upgrade via satellite and serial port (RS-232C).
- Max. 4,000 Channels for TV and Radio.

#### Personal Video Recorder

- No videotapes are necessary. Record directly on HDD.
- Record Video and Sound in digital quality.
- Record one channel while simultaneously viewing another.
- Pause and play live programmes.
- Automatically record a series of episodes.
- Time Shift Recording (TSR) for max. 1 hour.
- Trick play in TS mode and in Playback of recorded service.
- : Fast forward & Rewind, Slow motion, Instant replay, Quick skip play.
- Reserved viewing and recording with advanced EPG.
- Record in scrambled mode.
- Various HDD capacities are available.

# Unique Feature

## Personal Video Recorder



### HDD insertion and initialization

Open the front and insert HDD cartridge.

If HDD needs to be formatted, a message box will appear. After inputting PIN code, click the OK button. HDD will be formatted quickly.



### Time shift function setting up

In the main menu, move to Preference, Record/play setup bar and set up this function.

If Time shift sets up, the banner will show the progress.

You can set up Quick skip time and Instant replay time based on your needs.



### Recording

By pressing Record/3 hot key, recording type is selected between Now and Reserve.

In the Now menu, choose record duration and start recording by clicking 1.Start.

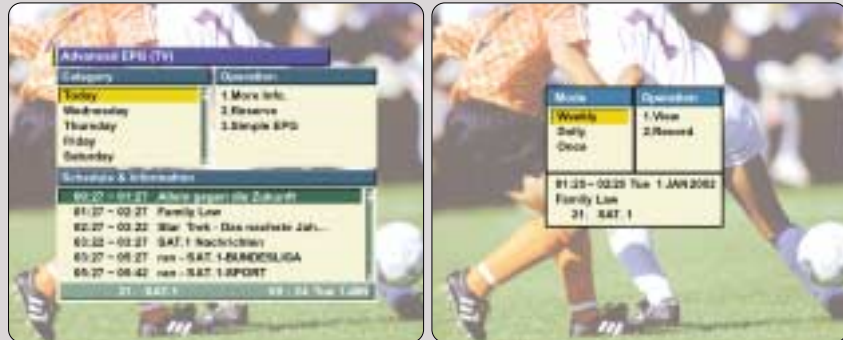
In the Reserve menu, choose Start date/time, Record mode, and Duration. Then starting recording by clicking 1. Reserve.

And you can also view reserved channel list by simply pushing RSV LIST hot key on the remote.



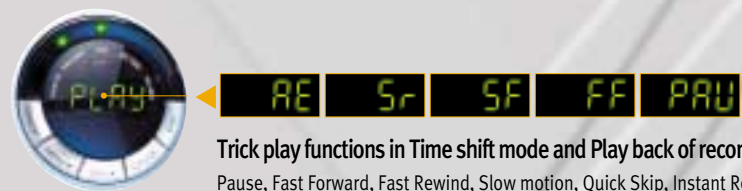
● **Viewing and Recording reservation with Advanced EPG**

Select TV EPG on the Main Menu and open Advanced EPG. Choose channel from Schedule & Information, and press 2.Reserve in Operation. You can reserve Live View or Record.



● **Play back of recorded services**

Select File Category in Channel List → Select sorting method in Sort → Reserved channel list appears. Select channel and then go to 1. playback or press ►/8 key on the RCU, it will play selected recorded service. If you go to 2. Stop button or press 5/stop key on the RCU, it will stop playing and return to live channel. In Play back of recorded services, you can use Trick play functions.



# PVR-8000

## Personal Video Recorder

### Hardware specification

#### Power Supply

Input Voltage	AC 90 ~ 250 ( $\pm 10\%$ ), 50/60 Hz
Type	Switching Mode Power Supply
Power Consumption	Max. 60 W (Stand-by: Max. 3.5 W)
Protection	Separate internal fuse & lightning protection

#### Demodulation

Waveform	QPSK
Input Symbol Rate	1 ~ 45 Mbit/s
FEC Decoder	Convolutional Code Rate 1/2, 2/3, 3/4, 5/6 and 7/8 with Constraint Length K=7

#### Tuner & Channel

2 RF Input Connector	F-Type, IEC 169-24, Female
1 RF Output Connector (loop through out)	F-Type, IEC 169-24, Female
Frequency Range	950 ~ 2150 MHz
Signal Level	-25 ~ -65 dBm
LNB Power & Polarization	Vertical: +13.5 V, Horizontal: +18 V Current : Max. 500 mA, overload Protection
22 KHz Tone	Frequency : 22 $\pm$ 4 KHz Amplitude : 0.6 $\pm$ 0.2 V
DiSEqC Control	Version 1.0/1.2 Compatible

#### VIDEO DECODER

Transport Stream	MPEG-2 ISO/IEC 13818
Profile Level	MPEG-2 Main Profile @ Main Level
Input Rate	Max. 15 Mbit/s
Video Formats	4:3, 16:9 Letter box (Default)
Video Output	CVBS (Default), RGB, S-VIDEO
Video Resolution	720 x 576

#### AUDIO DECODER

Audio Decoding	MPEG/MusiCam Layer I & II
Audio Mode	Single/Dual mono/Stereo /Joint stereo

#### RF-Modulator

RF/Loopthrough Output Connector	75 $\Omega$ , IEC 169-2, Male/Female
Frequency	470-860 MHz
Output Channel	CH 21-69 for modulator
TV Standard	PAL B/G/I/D/K selectable by Menu
Preset Channel	CH 36 (or TBD). Software changeable by Menu

#### Conditional Access Interface

Common Interface	2 slots
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#### HDD Storage & Recording time

40 GB-22 Hr, 60 GB-33 Hr, 80 GB-44 Hr in 4 Mbps bit rate
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#### Scart

TV SCART	Video Output (CVBS, RGB, S-VHS) Audio Output (Resolution : 20 bits DAC, Max. 2 Vrms)
VCR SCART	Video Input (CVBS) Video Output (CVBS, RGB, S-VHS) Audio Input/Output (Resolution : 20 bits DAC, Max. 2 Vrms)

#### RCA

Video RCA	1 RCA/Cinch, Video Output (CVBS)
Audio RCA	1 Pairs (Left & Right) RCA/Cinch Volume and Mute Control (Resolution : 20 bits DAC, Max. 2 Vrms)

#### Data port

RS-232C	9-pin D-sub Transfer rate 115 Kbps
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#### Front and Rear Summary

Slot Buttons	2 CI slots 5 buttons : Stand by, Menu, Exit, CH+, CH-
Display	5 LEDs : Stand by (R), Time shift (G), HDD (G), Record (R), No HDD (R)
USB	1 Port (slave) 2.0

#### Rear

Main Power Cable	Fixed type on the body
RF	
(Antenna Input and Output)	1 Input, 1 Output
SCART	1 for TV, 1 for VCR
Audio	1 pair of RCA (Left/Right)
Video	1 RCA for CVBS out
Data Port	1 RS-232C (9-pin D-sub)
LNB	2 RF Input & 1 Loop through Output
S/PDIF (IEC 958)	1, Digital audio output, Optic

#### Physical Specification

Size (W x H x D)	400mm x 65 mm x 297 mm
Weight (Net)	3.5 kg without HDD
Operating Temperature	0°C ~ +45°C
Storage Temperature	-10°C ~ +70°C

\* Accessories : Remote control including batteries, User manual, and one RCA cable or RF cable, 1 USB cable.



\* Specifications and functions may be changed for improvement notice in advance

**It's HUMAX's top technology  
on top of the technology you know.**

**HUMAX**  
your prime time