

Unique Feature Personal Video Recorder

HDD



How to insert

After unlock the lock button in the right of the front panel, then you can open the front and insert HDD cartridge. If HDD needs to be formatted, a message box will appear. Just click the 'Yes' button. HDD will be formatted automatically.

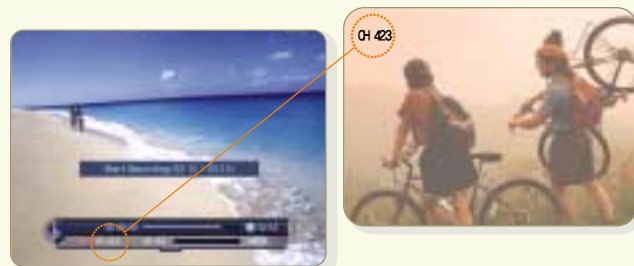


2TUNER



Viewing a channel and recording another simultaneously.

The dual tuner feature lets you record one programme while you watch another one.



PIP



Picture In Picture

You can enjoy watching 2 of your favorite shows at the same time.

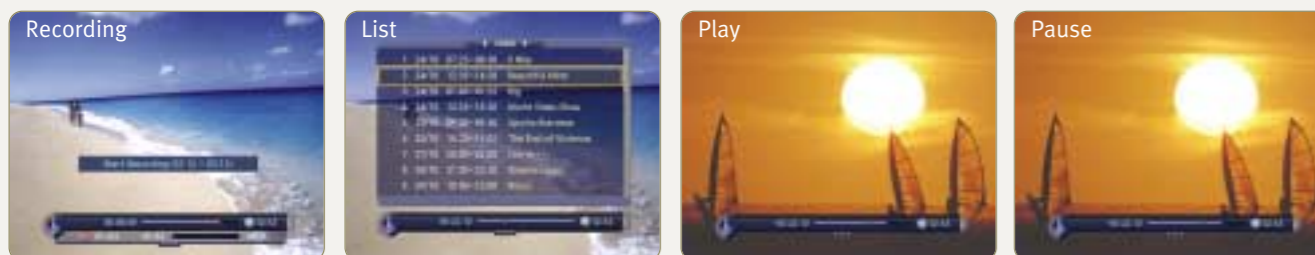


TSR



'Don't miss a second of your favorite show.'

This function allows the user to begin watching a recording that is already in progress.

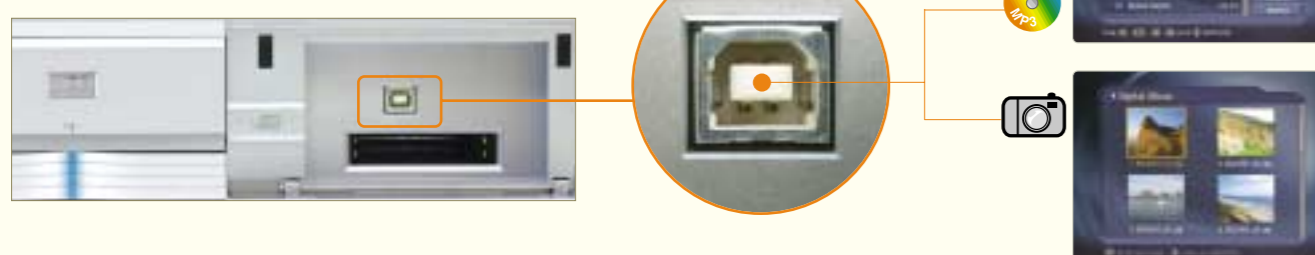


USB



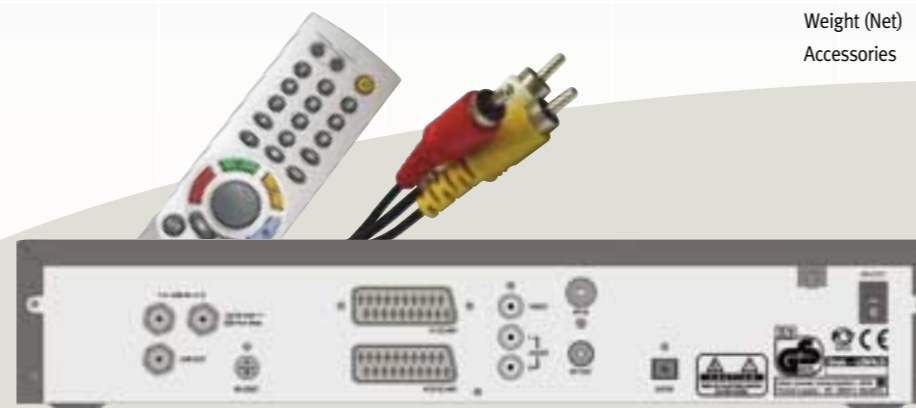
MP3, Digital Album

PVR-9100 let you transfer and listen your favorite MP3 music from your PC and watch your precious pictures by digital album programme.



SPECIFICATION

System Resource	EMMAz (Mips core) 166MHz(200MIPS) Flash Memory 4 MB Graphic (Mpeg) & SDRAM 32 MB (SDRAM) EEPROM 8 KB HDD storage 80 GB (Front Cartridge type)	Audio Decoder Audio Decoding MPEG/MusiCam Layer I & II Audio Mode Single /Dual mono/ Stereo //Joint stereo
Power Supply	Input Voltage AC 90~250, 50/ 60Hz Type Switching Mode Power Supply (SMPS) Power Consumption Max. 50 W (without HDD) Stand-by : Max. 9 W Protection Separate internal fuse & lightning protection	RF-Modulator RF/Loop through Output Connector 75 Ω, IEC 169-2, Male/Female Frequency 470MHz to 862 MHz Output Channel CH 21-69 for modulator TV standard PAL B/G/I/D/K selectable by Menu
Demodulator	Waveform QPSK decoding in accordance with ETS300 421 Input Symbol Rate 1 ~ 45 MS/s FEC Decoder Convolutional Code Rate 1/2, 2/3, 3/4, 5/6 and 7/8 with Constraint Length K=7	Conditional Access Interface Common Interface 2
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 to 2150 MHz Signal Level -25 to -75 dBm LNB Power & Polarization Vertical: +13.5 V, Horizontal: +18 V Current: Max. 500mA, overload/short Protection 22 KHz Tone Frequency: 22 +-4KHz Amplitude: 0.6 +-0.2 V DiSEqC Control Version 1.0, 2.0, 1.2 USALS Compatible	SCART TV SCART Video Output (CVBS, RGB, S-VIDEO) Audio Output (Resolution : 20 bits DAC, Max.2 Vrms) VCR SCART Video Input (CVBS, RGB, S-Video) Audio Output (Resolution : 20 bits DAC, Max.2 Vrms)
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), S-Video, RGB Video Resolution 720 x 576/ 720 X 480	RCA Video RCA 1 Output Audio RCA 2 Output (Left, Right)
		Data Port RS-232C 3-pin (Transfer rate 115Kbps)
		Front CI slot 2 Buttons 4 key(Standby / On, TV/Radio, CH+, CH-) Display 4 digit, 7 - segment Indicators 3 LED (HDD : Green, Play : Green, Recording : Red) 1 LED (Red, Green)
		Rear Main Power Cable Fixed type on the body Tuner and LNB 2 input with loop through, 1 output RCA 1 Video Output, 2 Audio Output (Left, Right) Data Port 1 RS 232 (3-pin type) RF Modulator 1 input and 1 output S/PDIF 1 optical output
		Physical Specification Size (W x H x D) 420 X 75 X 300 mm Weight (Net) Around 4.9Kg Accessories RCU, User's Manual, 2 Batteries



Specifications and functions may be changed for improvement without notice in advance.

All these channels. Only one TV.

I can enjoy two live programs at the same time.
I'm watching TV alone but recording another channel for you.
I can replay, view or pause any live broadcast.
Now, with HUMAX PVR 9100, I can enjoy all my favorite programs.



Top on Top



Digital Satellite Receiver + Personal Video Recorder

PVR-9100

- Scrambled channel receivable with DVB CI.
- Watch one channel while recording another simultaneously.
- Picture in picture (2 tuner).
- Time Shift Recording for 2 Hours.
- Detachable HDD cartridge.

PVR-9100

Digital Satellite Set-Top-Box + Personal Video Recorder



View Multiple channels at the same time, while recording channel you don't even see

Equipped with the latest technology and design, the PVR-9100 is a combination high-end personal video recorder and set-top box for digital satellite broadcast reception.

As a digital set-top box, it can receive encrypted services via common interface module, as well as FTA broadcasts. Outstanding stability and comfort are its built in features. The simple installation and operation, user-friendly OSD menu, highest quality audio output with Dolby Digital Audio, and advanced video clarity made for TV and VCR are all designed to enrich the viewer experience.

In addition to delivering more channels with its new highly sensitive tuner, PVR-9100 boasts the Electronic Program Guide (EPG), for even better program information on all channels, and information plate that enable subtitles and teletext for a bounty of useful information on programs and broadcast signals.

As high-end personal video recorder, PVR-9100 allows easy attachment and detachment of its cartridge-type HDD, as well as simultaneous live channel playback, recording and picture-in-picture function with the installed twin tuner. In addition to basic assorted trick play and diverse formats of recording and playback through time shift recording, PVR-9100 allows viewers to enjoy digital photos on a large TV screen or listen to MP3 files via a digital camera or a PC connected to the USB port.

Software upgrade notices are posted periodically on the Internet homepage, and new versions can be updated through automatic software upgrade service (OTA) via satellite or through software download service on HCSA (HUMAX Customer Service Area) via the built-in serial interface (RS-232C). With the latest software, viewers are always sure to enjoy endless hours of extraordinary digital broadcasts and an abundance of data.

FEATURES & FUNCTIONS

Personal Video Recorder

- Viewing a channel and recording another simultaneously
- Picture in picture (2 tuners)
- Momentous pause and play with button during A/V watching
- Fast Forward & Fast Rewind in various speeds.
- Jump to live program
- Slow Motion function
- Automatic rewind for a time and play with button (Instant Replay)
- Time shift recording for 2 hours
- Recording live channels and stop
- Recording reservation in EPG information
- Recording reservation with setting start time and duration
- Play back of recorded services with Trick play modes.
- Front cartridge type HDD storage
- Position move function
- Digital album with slide show, Thumbnail and Digital photo frame on TV
- Media Player for MPEG-1 A/V & MP3 file play

Digital Set-top box

- Scrambled channel receivable with DVB CI
- MPEG-2 Digital & Fully DVB Compatible
- Max. 5000channels receivable
- Channel list mode in All, Favorite, Satellite, Scrambled
- Finding channels by name (optional)
- 5 Favorite channel groups (Max. 100 channels in each group)
- Channel search in automatic, manual and network search
- Channel sorting by TV/Radio, Channel Number, Alphabet, Satellite Group and FTA
- Installation Wizard helps easy and automatic installation step by step
- DiSEqC version 1.0, 2.0, 1.2 and USALS Compatible
- Timer Setting Supports automatic Turn-On and Off daily
- Subtitle supports EBU and DVB subtitle.
- Teletext Decoding
- Dolby Digital Audio Output (optical)
- Auto language selection of program for Audio language with user setting in menu
- Video format in 4:3, 16:9 and letterbox
- 19 OSD languages
- Parental control with block on system, all channels and programs by age limitation
- Software Upgrade via OTA and serial connection (RS-232C)
- User-friendly EPG and Information Plate
- Extended information shows the full program information.



EPG (Electronic Programme Guide)

- Programme listings broadcast daily stored in flash memory
- Full seven day look ahead capability
- Rapid page navigation
- Detailed programme synopsis
- Additional information relating to new series or special features
- Reminders and favourite channel feature

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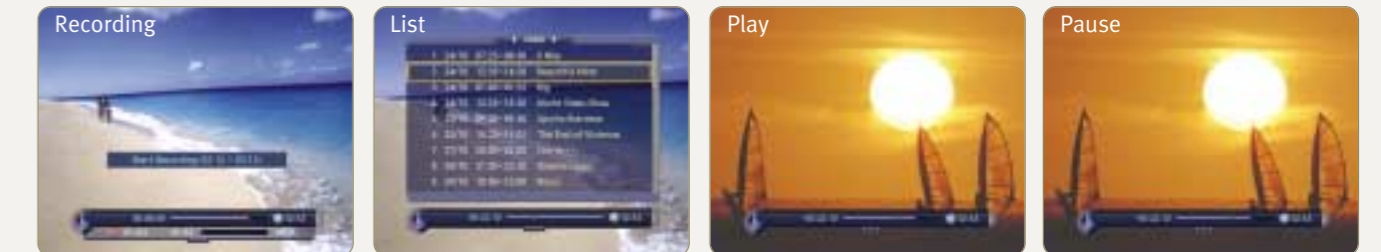
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