

A new recorder from Panasonic provides 4-in-1 multifunctional convenience

DVD Recorder DMR-EH80V with Hard Disk Drive/VHS VCR and SD slot



DIGA DMR-EH80V

Affirming its position as the industry leader in DVD recording products, Panasonic introduces a convenient new recorder in the DMR-EH80V. Equipped with a 200-GB hard disk drive (HDD), this new integrated VHS VCR/DVD recorder enables one-touch 6-way dubbing among hard disk drive, DVD, and VHS sources. An SD card slot adds a fourth source -- the SD Memory Card -- to make the DMR-EH80V a 4-in-1 multifunctional recorder. A quick response in start-

ing up, recording and Electronic Program Guide appearance enhances operation, and LP (long-play) mode features the same level of high-resolution recording as conventional SP (standard-play) mode.

The One-Touch 6-Way Dubbing button on the DMR-EH80V makes it possible to dub between the hard disk drive and a DVD disc, a VHS tape and the hard disk drive, and a VHS tape and a DVD disc, by pressing only one button. For example, the user can store several S-VHS or VHS tapes onto the hard disk without all the work of connecting a separate VCR with cables and settings, and then easily edit the stored data and save the result onto a DVD disc. In addition, the SD card slot of this handy 4-in-1 model lets the user view images¹ taken with a digital still camera, and save them onto the hard disk drive or a DVD disc.

The DMR-EH80V also stands out for its lightning-fast response – as quick as 1 second* – in start-up, recording and Electronic Program Guide display. And in LP mode the DMR-EH80V delivers up to 500 lines of horizontal resolution, for images that are twice as sharp as those from last year's models. Thanks to a new 12-bit Analog-to-Digital converter that provides high-bit, high-rate sampling, the DMR-EH80V can convey subtle image nuances and produce smooth, beautiful recordings with remarkable depth.

The DMR-EH80V can record on DVD-RAM, DVD-R, +R and DVD-RW discs and play back DVD-RAM, DVD-R², +R², DVD-RW², +RW², DVD-Audio, DVD-Video, SVCD³, Video CD, Audio CD (CD-DA), and CD-R/RW⁴ (CD-DA, Video CD, SVCD, MP3**/JPEG format-

In summary **DIGA DMR-EH80V**

Multiformat- recording on 200-GB hard disk drive, VHS, DVD-RAM, DVD-RW/-R, DVD+R

Multi-format-play from DVD-RAM, DVD-RW/-R, DVD+RW/+R, DVD-Audio/-Video, SVCD, JPEG from DVD-RAM/CD, MP3, CD-R/-RW

EPG (Electronic Program Guide)

DV terminal

1 sec. Quick Start for Recording/ EPG

SD card slot

LP-Modus mit doppelter Auflösung (bis zu 177 Std. in bester DVD-Qualität auf Festplatte)

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ted) discs. The multi-format compatibility also means that users can play all of their DVDs on the DMR-EH80V, no matter what the format.

Naturally, the DMR-EH80V offers all of the exclusive DVD-RAM format features, such as simultaneous recording and playback, random access, Chasing Playback, on-disc editing and multi-format data compatibility, which makes it possible to record TV programs, moving pictures, and still pictures onto the same disc.

Built into the DMR-EH80V is a 200-GB⁵ hard disk drive that holds up to 355 hours⁶ of recordings. The Electronic Program Guide "GUIDE Plus+™ System" brings a PVR level of ease to recording TV programs, only without subscription fees or telephone line hook-up. And the DMR-EH80V also includes the user-friendly "Smart Wheel-Remote Control™", which gives you control over 200x quick searches and fast-forward smooth searching, so you can find recorded programs and start playback more quickly than ever.

The DMR-EH80V features a built-in DV terminal that makes it possible to dub DV-quality images from a digital video camera onto the DMR-EH80V's hard disk drive or a DVD disc. And a built-in SD card slot¹ and SD viewer for JPEG images. Users can enjoy quick, easy networking and file sharing between the DMR-EH80V and many personal computers, digital still and video cameras, Panasonic's VIERA line of plasma displays, and other SD-enabled A/V devices.

* From the power on, recording starts in about 1 second after the REC button is pressed. If the GUIDE button is pressed while the unit is off, the Electric Program Guide (EPG) displays in less than 1 second. (Quick Start Mode)

** For content recorded on CD-R/RW media from CDs for your personal use. Playability may vary depending on content and disc type. MP3 audio decoding technology is licensed from Fraunhofer IIS and Thomson multimedia.

¹ The DMR-EH80V supports SD Memory Cards. However, it is compatible only with DCF-based, still picture (JPEG) files recorded using a digital camera. It is not compatible with sound or moving picture files not in accordance with DCF standards (e.g., MOTION JPEG files), or with any type of still picture files other than JPEG/TIFF. When copying images from a digital still camera onto the hard drive, we recommend that you also save the images to an SD Memory Card or DVD-RAM disc.

² Discs recorded and finalized* on DVD video recorders/cameras.

* A process that allows playback on compatible equipment.

³ Disc that cannot be played: "Chaoji VCD" available on the market including CVD, DVCD and SVCD that do not conform to IEC62107.

⁴ This unit can play CD-DA format audio CD-R and CD-RW discs. It may not be able to play some CD-R or CD-RW discs due to the recording conditions.

⁵ GB = one billion bytes. Usable capacity will be less.

⁶ In EP mode you can select either 6 hours or 8 hours of recording. Sound quality is higher in 6-hour mode.

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*** Specifications are subject to change without notice.

Technical specification for the DIGA DMR-EH80V

PRODUCT FEATURES

Recording media	200 GB hard disk, VHS, DVD-RAM, DVD-RW/-R, DVD+R
Playback formats	DVD-RAM, DVD-R ¹ , +R ¹ , DVD-RW ¹ , +RW ¹ , DVD Audio, DVD Video, SVCD ² , Video CD, Audio CD (CD-DA) as well as CD-R/-RW ⁴ (CD-DA, Video CD, SVCD, MP3 ^{**} /JPEG formatted discs), VHS and S-VHS tapes (200 GB HDD / 4.7 GB DVD)
Recording times	(200 GB HDD / 4.7 GB DVD)
XP mode	44 / 1
SP mode	89 / 2
LP mode	177 / 4
EP 6 hour mode	266 / 6
EP 8 hour mode	355 / 8
DVD media	
DVD-RAM	
Ver.2.0 / Ver.2.1 / Ver.2.2	• / 3x Speed Revision 1.0 / 5x Speed Revision 2.0
DVD-R	
General Ver.2.0 / General Ver.2.0 / General Ver.2.x	• / 4x Speed Revision 1.0 / 8x Speed Revision 3.0
DVD-RW	
Ver.1.1 / Ver.1.1 / Ver.1.2	• / 2x Speed Revision 1.0 / 4x Speed Revision 2.0
DVD+R	
Ver.1.0/Ver.1.1/Ver.1.2	• / • / •
Super Drive System	•
1 second Quick Start	•
LP mode with double resolution	4 hours / 177 hours in best DVD quality on 4.7 GB DVD / HDD
200 GB HDD	•
VHS video recorder	•
Time Slip with HDD / DVD-RAM	• / •

Time Base Corrector	•
Digital Noise Reduction	•
ShowView / VPS / PDC	• / • / •
Q-Link	•
External Link	•
EPG (programme guide)	(Guide Plus+ System)
Direct Navigator	•
12 bit D/A converter	
VHS VIDEO RECORDER	
Playback format	HiFi, SQPB
Running	43 sec REW for an E-180 cassette x35 Search, Quick Erase, Repeat Play
Recording modes	SP / LP / EP
Transfer from VHS to DVD	One-Touch 6-Way Transfer
INPUTS/OUTPUTS	
YUV input	•
Video in / out	• / •
S-Video in / out	• / •
RGB in / out	• / •
Audio in / out	• / •
Digital Audio out	Optical Terminal (PCM, Dolby Digital, DTS)
SD CARD INPUT	
File formats	JPEG, TIFF
Resolutions	34 x 34 to 6144 x 4096 pixels
DV INPUT	IEEE1394 standard, 4-pin
VIDEO	
TV tuner system	2 x PAL-BGH
Video system	PAL / NTSC
Recording system	MPEG2 (Hybrid VBR)
AUDIO	
Recording system	Dolby Digital 2 channels, Linear PCM (XP mode, 2 channels)
GENERAL	
Supply voltage	220-240V, 50Hz
Power consumption (approximate values)	46 Watt (DIN) / 5 Watt (energy-saving mode)
Dimensions (W X H x D)	430 x 89 x 380 mm
Weight	7.0 kg
Working temperature range	5 °C - 40°C
Colour	Silver
Availability	immediate

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