

# Panasonic

ideas for life

# LQ-MD800

DVD Video Recorder



## *A Professional DVD video recorder to realize higher level of Video and Audio.*

This product complies to the medical electrical equipment standard with respect to electric shock, fire and mechanical hazards in accordance with IEC 60601-1, IEC60601-1-2 (EN 60601-1, EN 60601-1-2): (LQ-MD800P/LQ-MD800E)  
 This product is also classified by Underwriters Laboratories Inc. as to medical electrical equipment with respect to electric shock, fire and mechanical hazards only in accordance with UL 2602-1. Control number 76KA. (LQ-MD800P only)

### High-quality images, High-quality audio recording

The Hybrid VBR MPEG2 encoder means High-quality images. Dolby Digital means High-quality audio. By recording in the XP or SP modes, you can record in Linear PCM (stereo) for even higher quality audio.

### Maximum 8 hours recording

You can record a maximum of 8 hours on one double-sided 9.4 GB DVD-RAM disc. (4 hours maximum continuous recording)

Mode	(one side)	Image quality
XP	1 hour	Better Image quality than DV
SP	2 hours	Better Image quality than S-VHS VTR
LP	4 hours	Better Image quality than normal mode VHS

### Progressive output

Connect to a Progressive signal compatible monitor for even higher quality images.

### Remote control features

This unit comes standard with USB, RS-232C, PAUSE REMOTE for control. Remote control the unit from a PC.

### NTSC/PAL switchable

Select the signal type (NTSC/PAL) to play or record either type.

### Program search

Press the SEARCH button to bring up a list of programs. Then Select the program to start play.

### Menu screens for simple operation

The menu screens offer easy-to-use icons for set-up and operation.

### Program Editing [RAM]

You can divide and delete programs.

Create play list of just those scenes you need and play them in succession.

### DVD-Video disc creation

By finalizing a DVD-R, you can create a disc that complies with DVD-Video standards and then play it on compatible DVD players.

### Reliability

- Industrial grade electronic parts
- Service data available through RS-232C



## Key features

### Direct recording into available space

You do not have to find a place to start as you do with tapes. There is also no fear of recording over previous recordings.

### Send text data such as title

You can use the RS-232C/USB cables to send text information to use as program titles.

### Auto-protect function

Recorded images can be protected automatically.

### Repeat play, play list editing

Just decide a length of time to repeat, then specify the end point during play to play a section repeatedly. You can also edit together the images you need into a play list.

### Play and edit on a PC

Use PC application to edit and create backup discs.

## Small and light, power compatible between 100V and 240V, NTSC/PAL

Compact so you have freedom in placement.

Play recordings made overseas (NTSC/PAL switchable).

## DVD-RAM disc features

### High reliability

- Cartridge-type, easy handling
- Rewriting 100,000 times
- DMS (Defect Management System) jumps over drops and scratches for recording (UDF2.0)

### High capacity, removable

- Ideal for an image library
- Long term storage 30 years and more with no change
- Single-sided 4.7 GB/Double-sided 9.4 GB

## SPECIFICATIONS

General	
Power supply :	AC 100-240 V, 50/60 Hz
Current consumption :	0.51-0.28 A
Recording System :	DVD Video Recording Standards (DVD-RAM) DVD Video Standards (DVD-R)
Recordable discs :	DVD-RAM 12cm (4.7 GB/9.4 GB) DVD-R 12cm (4.7 GB) for General Ver.2.0 DVD-R 12cm (4.7 GB) for General Ver.2.0 /4x-SPEED DVD-R Revision 1.0
Recording Time :	Maximum 4 hours (with 4.7 GB disc) XP: Approx. 1 hour, SP: Approx. 2 hours, LP: Approx. 4 hours
Playable discs :	DVD-RAM 12cm (4.7 GB/9.4 GB) DVD-R 12cm (4.7 GB) for General Ver.2.0 DVD-R 12cm (4.7 GB) for General Ver.2.0 /4x-SPEED DVD-R Revision 1.0
Operating Temperature :	41 °F-104 °F (5 °C-40 °C)
Operating Humidity :	10 %-80 % RH (no condensation)
Dimensions :	8-7/16 (W) x 4-1/32 (H) x 14-3/8 (D) inch 214 (W) x 102 (H) x 365 (D) mm
Weight :	10.14 lbs (4.6 kg)
Audio	
Recording System :	Dolby Digital 2ch, Linear PCM 2ch (XP/SP mode)
Audio In :	PHONO x 2, Reference Level, -10 dBV, 47k unbalanced MIC In (mini jack) x 1 - 50 dBV, 3k unbalanced
Audio Out :	PHONO x 2, Reference Level, -10 dBV, 600 unbalanced MONITOR Out (PHONO) x 1 -10 dBV, 600 unbalanced Headphones Out (Stereo mini jack) x 1 Variable Level, Maximum, - 20 dBV, 8 unbalanced
Video	
Video System :	NTSC color signal, 525 Lines, 60 Fields PAL color signal, 625 Lines, 50 Fields
Recording system :	MPEG2 (Hybrid VBR)
Video In :	BNC x 1 1.0 Vp-p 75 Ω, unbalanced S-Video In (4P) x 1 Y: 1.0 Vp-p 75 Ω, unbalanced C: 0.286 Vp-p, burst level 75 Ω, unbalanced (NTSC) C: 0.3 Vp-p, burst level 75 Ω, unbalanced (PAL)
Video Out :	DV-Input x 1 IEEE1394 Standard, 4pin (PAL/NTSC) BNC x 2 1.0 Vp-p 75 Ω, unbalanced S-Video In (4P) x 1 Y: 1.0 Vp-p 75 Ω, unbalanced C: 0.286 Vp-p, burst level 75 Ω, unbalanced (NTSC) C: 0.3 Vp-p, burst level 75 Ω, unbalanced (PAL) Component video output (BNC) (NTSC 480P/480I) (PAL 576I) Y: 1.0 Vp-p 75 Ω, unbalanced PB: 0.7 Vp-p 75 Ω, unbalanced PR: 0.7 Vp-p 75 Ω, unbalanced
Remote	USB (Type-B connector) USB Ver.1.1 (cable length: max. 3 m) RS-232C (D-sub 9 pin) PAUSE REMOTE (Stereo mini jack)

Weight and dimensions shown are approximate.  
Specifications are subject to change without notice.

# Panasonic

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SP-MD800PRE



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