

# 2011 VIDEO

## DMR-EZ48V DVD Player and Recorder



### **ATSC TUNER AND VHS**

Watch and record two different shows at the same time.

### **1080P UP-CONVERSION**

Automatically up-converts DVD content to 1080p resolution.

### **VIERA LINK™**

Control all your compatible devices with one remote.

- USB Playback
- SD Card Playback
- VHS Playback



**Panasonic**  
ideas for life

# 2011 VIDEO

## DMR-EZ48V DVD Player and Recorder

PLAYABLE TYPE		
DVD	DVD-Video	•
DVD-RAM	DVD-VR	•
	JPEG	•
DVD-R <sup>1</sup> /-RW <sup>1</sup> /-R (DL) <sup>1</sup>	DVD-Video	•
	DVD-VR	• (DVD-RW only)
	JPEG	• (DVD-R only)
	MP3 <sup>2</sup>	• (DVD-R only)
	DivX <sup>®3</sup>	—
+R <sup>1</sup> /+R (DL) <sup>1</sup> /+RW	Video	•
CD, CD-R/RW <sup>4</sup>	CD-DA	•
	MP3 <sup>2</sup>	•
	JPEG	•
	DivX <sup>®3</sup>	—
RECORDABLE DISCS		
DVD-RAM	Ver. 2.0	• 2x Speed
	Ver. 2.1	• 2 - 3x Speed
	Ver. 2.2	• 2 - 5x Speed
DVD-R <sup>5</sup>	Ver. 2.0	• 1x Speed
	Ver. 2.0	• 1 - 4x Speed
	Ver. 2.0	• 1 - 8x Speed
	Ver. 2.1	• 1 - 16x Speed
DVD-R (DL) <sup>5</sup>	Ver. 3.0	• 2 - 4x Speed
	Ver. 3.0	• 2 - 8x Speed
DVD-RW <sup>5</sup>	Ver. 1.1	• 1x Speed
	Ver. 1.1	• 1 - 2x Speed
	Ver. 1.2	• 2 - 4x Speed
	Ver. 1.2	• 2 - 6x Speed
+R	Ver. 1.0	• 2.4x Speed
	Ver. 1.1	• 2.4 - 4x Speed
	Ver. 1.2	• 2.4 - 8x Speed
	Ver. 1.3	• 2.4 - 16x Speed
+R (DL)	Ver. 1.0	• 2.4x Speed
	Ver. 1.1	• 2.4 - 8x Speed
+RW	Ver. 1.1	• 2.4x Speed
	Ver. 1.2	• 2.4 - 4x Speed
RECORDING FORMAT		
DVD-RAM		DVD Video Recording Format
DVD-R, DVD-R (DL), DVD-RW		DVD Video Format
RECORDING TIME (APPROXIMATE)		
4.7GB# Disc	XP Mode	1 hour
	SP Mode	2 hours
	LP Mode	4 hours
	EP Mode <sup>6</sup>	6/ 8 hours
8.5GB# DVD-R DL/ +R DL Disc	XP Mode	1 hour 45 minutes
	SP Mode	3 hours 35 minutes
	LP Mode	7 hours 10 minutes
	EP Mode <sup>6</sup>	10 hours 45 minutes/ 14 hours 20 minutes
ANTENNA RECEPTION INPUT		
TV Channel Analog/ Digital		Analog/ Digital 2-69ch
CATV Channel Analog/ Digital		Analog/ Digital 1-135ch
VIDEO		
TV System		NTSC Color Signal, 525 Lines, 60 Fields
Recording System		MPEG2 (HYBRID VBR)
Input	Video In	LINE (pin jack) x 2
	S-Video In	S Connector x 2
Output	Video Out	LINE (pin jack) x 1
	S-Video Out	S Connector x 1
Component Video Output (Y, PB, PR): 480i 480p, 720p, 1018i		•

1 After finalizing only.

2 For contents recorded on CD-R/RW media from CDs for personal use. Playability may vary depending on conditions and discs.

3 Plays DivX<sup>®</sup> video. DivX<sup>®</sup> is a registered trademark of DivX, Inc., and is used under license.

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

5 It is compatible to a DVD-Video format after finalized.

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

AUDIO		
Recording System		Dolby <sup>®</sup> Digital 2ch
Input	Audio In	LINE (pin jack) x 2
Output	Audio Out	LINE (pin jack) x 1
	Digital Audio Out	Optical terminal (PDM, Dolby <sup>®</sup> Digital, DTS <sup>™</sup> ) [DVD priority]
VIDEO/AUDIO		
DV Input		•
HDMI Output: 480i, 480p, 720p, 1080i, 1080p		•
VHS		
Playable Format		Hi-Fi, SQPB
Operations		Repeat Play, x500 REW
Rec. System	Rec. Mode	SP/LP(PB)/EP/VP
	Copying Way	1-touch 2-way copying
USB TERMINAL		
USB Standard		USB2.0 Full Speed
Format		FAT 16, FAT 32
Playback on USB Memory		JPEG, MP3
Transfer to DVD-RAM		• [JPEG]
Transfer from DVD-RAM		• [JPEG]
JPEG	Format	Sub sampling 4:2:2, 4:2:0
	Compatible pixels	Between 34 x 34 and 6144 x 4096 pixels <sup>7</sup>
JPEG Items	Maximum number of folders	300 recognizable folders per disc on this unit (including the root folder)
	Maximum number of JPEG files	3000 recognizable JPEG files per disc on this unit <sup>8</sup>
MP3	Compatible compression rate	32kbps - 320kbps
	Compatible sampling rate	16kHz, 22.05kHz, 24kHz, 32kHz, 44.1kHz, 48kHz <sup>9</sup>
MP3 Items	Maximum number of folders	99 recognizable folders per disc on this unit (including the root folder)
	Maximum number of files	999 recognizable files per disc on this unit <sup>8</sup>
DivX <sup>®</sup> Items	Maximum number of folders	—
	Maximum number of DivX <sup>®</sup> files	—
SD MEMORY CARD SLOT		
SD Memory Card Slot		•
Transfer to DVD-RAM		•
Transfer from DVD-RAM		•
Image File	Compatible Media <sup>10</sup>	SD Memory Card <sup>11</sup> *includes miniSD <sup>™</sup> Cards (a miniSD Adaptor needs to be inserted)
	Format	AT12, FAT16 (SD Memory Card) FAT32 (SDHC Memory Card)
	Image File Format	JPEG conforming DCF (design rule for Camera File system)
	Number of Pixels	34 x 34 to 6,144 x 4,096 (Sub sampling; 4:2:2 or 4:2:0)
Power Supply		AC 120V, 60Hz
Power Consumption [Approx.]	Normal Use	25 W
	Standby mode	[Quick Start ON] 9.8W [Shipping Condition] 2.1W
Dimensions (W x H x D) [Approx.]		16 15/16" x 2 3/8" x 9 13/16"
Weight [Approx.]		6.16 lbs
Operating Temperature		41 - 104° F
Operating Humidity Range		10-80%RH (no condensation)

7 This unit is not compatible with MOTION JPEG.

8 Total number of recognizable files including MP3, JPEG, DivX<sup>®</sup> and other types of files is 4000.

9 This unit is not compatible with ID3 tags.

10 DMR-EZ48V/EZ28 are compatible with SD Memory Card / miniSD<sup>™</sup> Cards [A miniSD<sup>™</sup> adaptor needs to be inserted]. These units are compatible with DCF based, still picture (JPEG) files recorded using a digital camera. These units are not compatible with sound, moving pictures or still pictures not in accordance with DCF standards (i.e. MOTION JPEG etc), or with types of still pictures other than JPEG.

11 Includes SDHC compatible card. (Class is not supported.) # 1GB = one billion bytes. Usable capacity will be less.