

2009 DMR-EZ48V DVD Recorder Specifications

| | | DMR-EZ48V |
|--|--|---|
| Playable Type | | |
| DVD | DVD-Video | ● |
| DVD-RAM | DVD-VR JPEG | ● ● |
| DVD-R/-RW/-R (DL) ¹ | DVD-Video DVD-VR JPEG MP3 ² DivX [®] 3 | ● (DVD-RW only) ● (DVD-R only) ● (DVD-R only) |
| +R / +R (DL) / +RW | Video CD-DA | — ● |
| CD, CD-R/RW ⁴ | MP3 ² JPEG DivX [®] 3 | ● ● ● |
| Recordable Discs | | |
| DVD-RAM | Ver. 2.0 Ver. 2.1 Ver. 2.2 | ● 2x Speed ● 2-3x Speed ● 2-5x Speed |
| DVD-R ⁵ | Ver. 2.0 Ver. 2.0 Ver. 2.1 | ● 1x Speed ● 1-4x Speed ● 1-8x Speed ● 1-16x Speed |
| DVD-R (DL) ⁶ | Ver. 3.0 Ver. 3.0 | ● 2-4x Speed ● 2-8x Speed |
| DVD-RW ⁶ | Ver. 1.1 Ver. 1.1 Ver. 1.2 Ver. 1.2 | ● 1x Speed ● 1-2x Speed ● 2-4x Speed ● 2-6x Speed |
| +R | Ver. 1.0 Ver. 1.1 Ver. 1.2 Ver. 1.3 | ● 2.4x Speed ● 2.4-4x Speed ● 2.4-8x Speed ● 2.4-16x Speed |
| +R (DL) | Ver. 1.0 Ver. 1.1 | ● 2.4x Speed ● 2.4-8x Speed |
| +RW | Ver. 1.1 Ver. 1.2 | ● 2.4x Speed ● 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 ⁷ Disc | XP Mode | 1 hour |
| | SP Mode | 2 hours |
| | LP Mode | 4 hours |
| | EP Mode ⁸ | 6 / 8 hours |
| 8.5GB ⁷ 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 ⁸ | 10 hours 45 minutes / 14 hours 20 minutes |
| Antenna Reception Input | | |
| TV Channel Analog / Digital | | — |
| CATV Channel Analog / Digital | | — |
| 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, 1080i | | ● |
| Audio | | |
| Recording System | | Dolby [®] Digital 2ch |
| Input | Audio In | LINE (pin jack) x 2 |
| | Audio Out | LINE (pin jack) x 1 |
| Output | Digital Audio Out | Optical terminal (PCM, Dolby [®] Digital, DTS [™]) [DVD priority] |
| | | |
| Video / Audio | | |
| DV Input | | ● |
| HDMI Output : 480i, 480p, 720p, 1080i, 1080p | | ● |
| VHS | | |
| Playable Format | | |
| Operations | | Hi-Fi, SQPB Repeat Play, x500 REW SP/LP(PB)/EP/WP One-touch 2-way copying |
| Rec. System | Rec. Mode | |
| | Copying Way | |
| USB Terminal | | |
| USB Standard | | |
| Format | | USB2.0 Full Speed FAT16, FAT32 JPEG, MP3 ● LJPEG ● LJPEG |
| Playback on USB memory | | |
| Transfer to DVD-RAM | | |
| Transfer from DVD-RAM | | |
| JPEG | Format | Sub sampling 4:2:2, 4:2:0 |
| | Compatible pixels | Between 34 X 34 and 6144 X 4096 pixels ⁷ |
| 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 ⁸ |
| MP3 | Compatible compression rate | 32kbps-320kbps |
| | Compatible sampling rate | 16kHz, 22.05kHz, 24kHz, 32kHz, 44.1kHz, 48kHz ⁹ |
| 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 ⁸ |
| DivX [®] Items | Maximum number of folders | — |
| | Maximum number of DivX [®] files | — |
| SD Memory Card Slot | | |
| SD Memory Card Slot | | ● |
| Transfer to DVD-RAM | | ● |
| Transfer from DVD-RAM | | ● |
| Image File | Compatible Media ¹⁰ | SD Memory Card ¹¹ *includes miniSD [™] Cards (A miniSD Adaptor needs to be inserted.) |
| | Format | FAT12, 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 | | |
| Power Consumption [Approx.] | Normal Use Standby mode | AC 120V, 60Hz 25 W [Quick Start ON] 9.8 W (Shipping Condition) 2.1 W |
| 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) |

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. Official DivX[®] Certified product. Plays all versions of DivX[®] video (including DivX[®]6) with standard playback of DivX[®] media files. DivX[®], DivX[®] Certified, and associated logos are trademarks of DivX[®], Inc. and are used under license. About DivX[®], DivX[®] is a popular media technology created by DivX[®], Inc. DivX[®] media files contain highly compressed video with high visual quality that maintains a relatively small file size.
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.
7. This unit is not compatible with MOTION JPEG.
8. Total number of recognizable files including MP3, JPEG, DivX[®] and other type of files is 4000.
9. This unit is not compatible with ID3 tags.
10. DMR-EZ48V/E438V/EZ28/E418 are compatible with SD Memory Card / miniSD[™] Cards (A miniSD 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. Specifications are subject to change without notice. Weight and dimensions are approximate.