

Blu-ray Disc™ Recorder/ High Definition DVD Recorder Specifications [GZ]		Blu-ray Disc™ Recorder DMR-BW850
Playable Discs		
BD-ROM	BD-Video	• (supporting BD-Live*1)
BD-RE / BD-RE DL	BD-AV	•
	BD-MV	•
	JPEG	•
BD-R/ BD-R DL	BD-AV	•
	BD-MV	•
DVD	DVD-Video	•
DVD-RAM	DVD Video Recording	•
	AVCHD Video	•
	JPEG	•
DVD-R*2/DVD-R DL*2/DVD-RW*2	DVD-Video	•
	DVD Video Recording	• DVD-RW only
	AVCHD Video/ MP3/ JPEG/ DivX	•*3
+R*4/ +R DL*4/ +RW	Video	•
CD*2, CD-R*2/CD-RW*2 4	CD-DA	•
	MP3*5	•
	JPEG/DivX	•
Recordable Discs		
BD-RE, BD-RE DL	Ver.2.1	• 1-2x Speed
BD-R, BD-R DL	Ver.1.1	• 1-2x Speed
	Ver.1.2	• 1-4x Speed
	Ver.1.2	• 1-2x Speed LTH type
	Ver.1.3	• 1-6x Speed
	Ver.1.3	• 1-6x Speed LTH type
DVD-RAM	Ver.2.0	• 2x Speed
	Ver.2.1	• 2-3x Speed
	Ver.2.2	• 2-5x Speed
DVD-R	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	Ver.3.0	• 2-4x Speed
	Ver.3.0	• 2-8x Speed
DVD-RW	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
Built-in Hard Disk Capacity		500 GB*6
Recording Time (Approx.)		
Hard Disk Drive	DR mode	HD (14 Mbps) SD (5 Mbps)
	HG/ HX/ HE/ HL Mode	80h/ 120h/ 180h/ 240h
	XP/ SP/ LP/ EP*8 Mode	110h/ 220h/ 442h/ 664h (885h)
	25GB BD-RE / BD-R	DR mode HD (14 Mbps) SD (5 Mbps)
	HG/ HX/ HE/ HL Mode	3 hours 30 minutes 10 hours 15 minutes
	XP/ SP/ LP/ EP*8 Mode	4h/ 6h/ 9h/ 12h 5h 15m/ 10h 30m/ 21h/ 31h 30m (42h)
50GB BD-RE DL / BD-R DL	DR mode	HD (14 Mbps) SD (5 Mbps)
	HG/ HX/ HE/ HL Mode	7 hours 30 minutes 21 hours
	XP/ SP/ LP/ EP*8 Mode	8 h/ 12h/ 18h/ 24h 10h 30m/ 21h/ 42h/ 63h (84h)
	4.7GB# DVD	XP/ SP/ LP/ EP*8 Mode
8.5GB# DVD-R DL / +R DL Disc	XP/ SP/ LP/ EP*8 Mode	1h 45 m/3h 35m/ 7h 10m/10h 45m (14h 20m)
Recording Format		
BD-RE, BD-RE DL		Blu-ray Disc Rewritable Format
BD-R, BD-R DL		Blu-ray Disc Recordable Format
DVD-RAM		DVD Video Recording Format
DVD-R, DVD-R DL, DVD-RW		DVD-Video Format*11
USB Terminal		
USB Standard		USB2.0 High Speed
Playback	JPEG	•
	MP3	•
	DivX*9	•
	Video	MPEG2 Video*7 AVCHD Video*8
Transfer	to HDD	MPEG2 Video, AVCHD Video, JPEG, MP3
	to BD-RE/R	AVCHD Video, JPEG (BD-RE)
	to DVD-RAM	MPEG2 Video, JPEG
SD Memory Card Slot		
Compatible Media*9		SD Memory Card*, SDHC Memory Card * Includes miniSD™ Cards (A miniSD™ Adaptor needs to be inserted) / Includes microSD™ Cards (A microSD™ Adaptor needs to be inserted)
Playback	JPEG	•
	Video	MPEG2 Video*10 AVCHD Video
Transfer	to HDD	MPEG2 Video, AVCHD Video, JPEG
	to BD-RE/R	AVCHD Video, JPEG (BD-RE)
	to DVD-RAM	MPEG2 Video, JPEG
	from BD-RE	JPEG
from HDD/DVD-RAM	JPEG	
VIDEO		
Video System		PAL colour signal 625 lines, 50 fields NTSC colour signal 525 lines, 60 fields
Recording System		MPEG2 (Hybrid VBR)/ MPEG4 AVC/H.264
Input	Video In	AV1 / AV2 (pin jack)
	S-Video In	AV1/ AV2 (S terminal)
Output	Video Out	Video Out (pin jack)
	S-Video Out	S-Video Out (S terminal)
Component Video Output (Y, PB, PR)		•
AUDIO		
Recording System		Dolby Digital (XP, SP, LP, EP: mode : 2ch), Linear PCM (XP mode), Dolby Digital [DR mode: HG, HX, HE, HL mode: MAX. 5.1ch (DVB-T)], HE-AAC [DR mode: 2ch (DVB-T)], MPEG (DR mode: 2ch)
Input	Audio In	AV1 / AV2 (pin jack)
Output	Audio Out	Audio Out (pin jack)
	Digital Audio Out	Optical terminal (PCM, Dolby Digital, DTS, MPEG), Coaxial terminal (PCM, Dolby Digital, DTS, MPEG) HDMI terminal (PCM, Dolby Digital, DTS, MPEG, Dolby Digital Plus, Dolby TrueHD, DTS-HD Master Audio, DTS-HD High Resolution Audio)
Terminal		
DV Input		•
HDMI Output		•
VIERA Link		•(HDAVI Control 4)
LAN (Ethernet) Port		•
TUNER		
Tuner System		DVB-T x 2
Channel Coverage		[DVB-T] New Zealand 21-69
EPG		DVB-T
Power Supply		AC 220 - 240 V, 50Hz
Power Consumption (Approx.)	Normal Use	39 W
	Power Save Mode	0.7 W
	Standby (Quick Start)	10W
Dimensions (W x H x D, excluding the projecting parts)(Approx.)		430 x 66 x 330 mm
Weight (Approx.)		4.1 kg
Operating Temperature		5 - 40 °C
Operating Humidity Range		10-80 %RH (no condensation)

*1 BD-ROM Profile 2. (BD-Live feature includes BONUSVIEW functions.) To enjoy additional contents (such as BD-Live) on certain Blu-ray Disc™ t
*2 Discs recorded and finalised on recording devices.
*3 MP3/JPEG/DivX Data can be playback only on DVD-R/DVD-R DL
*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 For contents recorded on CD-R/RW media from CDs for personal use. Playability may vary depending on conditions and discs.
*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 mod
*7 Video recording conversion and transfer is possible from USB device to HDD/DVD-RAM disc. After Video Recording conversion and transfer to
*8 Video recording conversion and transfer is possible from USB device to HDD/BD-RE/ BD-R disc. After Video Recording conversion and transfer
*9 Includes miniSD™ Cards (A miniSD™ Adaptor needs to be inserted) / Includes microSD™ Cards (A microSD™ 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 with tunes of still pictures other than JPEG. When saving still pictures on Hard Disk Drive it is recommended
*10 Video recording conversion and transfer is possible from SD memory card to HDD /DVD-RAM disc. After Video Recording conversion and tra
*11 It is compatible to a DVD-Video format after finalised.
1GB = one billion bytes. Useable capacity will be less.

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