

## Spec description

Disc Media	
Blu-ray	BD25, BD50, BD-ROM, BD-R, BD-RE
DVD	DVD-ROM, DVD-R, DVD-RW, DVD+R, DVD+RW
CD	CD-DA, CD-R, CD-RW
Disc type	
Blu-ray	BDMV, BDAV
DVD	DVD-Video, DVD-VR, AVCHD
Format	
Video	ASF, MPG, AVI, 3GP, DAT, MKV, MOV, M2TS, OGM, TP, TS, MP4, WMV
Audio	WAV, MP3, WMA, AAC, FLAC, APE
Picture	JPEG, GIF, PNG
Ratings (Audio)	
BD/DVD/USB/SD	
Sampling frequency	44.1k/48k/64k/88.2k/96k/176.4k/192k Hz
Bit length	16/24 bit
CD	
Sampling frequency	44.1k/48k Hz
Bit length	16/24bit
MP3/WMA	
Sampling frequency	32k/44.1k/48k Hz
Bit length	
MP3	112k to 320k bps
WMA	48k to 192k bps
HDMI Output	
Connector	HDMI 19pin Type A
Resolution	480i/576i, 480p/576p, 720p, 1080i, 1080p
Aspect ratio	16:9 Full, 16:9 Normal, 4:3 Pan & Scan, 4:3 Letterbox
Video format	NTSC, PAL, Multi
HDMI signal system	RGB PC level, RGB Video level, YCbCr(4:4:4), YCbCr(4:2:2)

Digital audio outputs	
COAXIAL	
Connector	RCA pin jack
Format	IEC60958-3(S/P DIF)
Output impedance	75 Ω
Analog audio outputs	
Balanced	
Connector	XLR-3-32(1 : GND, 2 : HOT, 3 : COLD) × 2 (Stereo)
Output impedance	200 Ω
Normal output level	+4dBu (1.23 Vrms)
Maximum output level	+20dBu (7.75Vrms)
Unbalanced	
Connector	RCA pin jack × 1 pair
Output impedance	200 Ω
Normal output level	-10dBV (0.316 Vrms)
Maximum output level	+6dBV (2.0Vrms)
7.1ch Audio outputs	
Connector	RCA pin jack × 8 (FL/FR/SL/SR/SBL/SBR/C/SW)
Connector color	FL, SL, SBL : White FR, SR, SBR : Red C, SW : Black
Output impedance	200 Ω
Normal output level	-10dBV (0.316 Vrms)
Maximum output level	+6dBV (2.0Vrms)
RS-232C	
Connector	D-sub 9pin × 1
Format	RS-232C compliant
ETHERNET	
Connector	RJ-45
Protocol	10BASE-T/100BASE-TX
USB	
Connector	

Front	USB A-type × 1
Rear	USB A-type × 1
Protocol	USB2.0 compliant
Rated supply voltage	DC 5V, 1A
Mass storage class	2TB (Max)
File format	FAT16/FAT32/NTFS
SD	
Media	SD (512MB to 2GB), SDHC (4GB to 32GB)
Storage class	Max 32GB
File format	FAT16/FAT32/NTFS
Power	AC 100V to 240V, 50/60Hz
Power consumption	30W
Dimensions	482.6(W) × 44(H) × 280.7(D) mm
Weight	2.64kg
Operating temperature	5 to 35° C
Included items	Remote control unite (RC-BDMP1), AC power code, rack-mounting kit, Owner's manual (with warranty)

## Audio performance

Frequency response	20Hz to 20kHz, +/-0.5dB (JEITA)
THD	0.03% or less (1kHz, JEITA)
S/N ratio	96dB or more (JEITA)
Dynamic range	96dB or more (JEITA)
Channel separation	89dB or more ( JEITA)