

Spec description

Disc Media	
Blu-ray	4K Ultra HD BD, 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	FAT16, FAT32, exFAT or NTFS file system is needed in order to format USB flash memory and SD cards.
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
Audio	
Blu-ray/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	16/24 bit
MP3/WMA	
Sampling frequency	32k/44.1k/48k Hz
Bit rate	
MP3	112k to 320k bps
WMA	48k to 192k bps *Supports Ver.9 standard only, DRM not supported
HDMI Output	* HDMI audio output is limited to one with AUDIO ONLY prioritized. (For HDMI Audio output, both AUDIO ONLY and VIDEO/AUDIO cannot be output simultaneously).
VIDEO/AUDIO	
Connector	HDMI 19pin Type A
Version	2.0
Resolution	480i/576i, 480p/576p, 720p, 1080i, 1080p, 2160p *Monitor and cable must support 2160p output

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)
AUDIO ONLY	*Video signals are not exported through the AUDIO ONLY terminal
Connector	HDMI 19pin Type A
Version	1.4
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) \times 2 (Stereo)
Nominal output level	+4dBu (1.23 Vrms)
Maximum output level	+20dBu (7.75Vrms)
Output impedance	200 Ω
Unbalanced	
Connector	RCA pin jack \times 2
Nominal output level	-10dBV (0.316 Vrms)
Maximum output level	+6dBV (2.0Vrms)
Output impedance	200 Ω
7.1CH audio outputs	
Connector	RCA pin jack \times 8 (FL/FR/SL/SR/SBL/SBR/C/SW)
Connector color	FL, SL, SBL : White FR, SR, SBR : Red C, SW : Black
Nominal output level	-10dBV (0.316 Vrms)
Maximum output level	+6dBV (2.0Vrms)
Output impedance	200 Ω
RS-232C	
Connector	D-sub 9pin
Format	RS-232C compliant

ETHERNET	
Connector	RJ-45
Compatible standard	10BASE-T/100BASE-TX/1000BASE-T
Protocol	SMB1/CIFS for Network Attached Storage TCP/IP for remote control
USB	
Connector	USB type-A x1 (Rear)
Protocol	USB 3.0 compliant
Rated supply voltage	DC 5V, 1A
Mass storage class	2TB (Max)
File format	FAT16/FAT32/exFAT/NTFS
SD	
Media	SD (512MB to 2GB), SDHC (4GB to 32GB), SDXC (64GB to 512GB)
Storage class	512GB (Max)
File format	FAT16/FAT32/exFAT
Power	AC 100V to 240V, 50/60Hz
Power consumption	30W
Dimensions	482.6(W) × 44.0(H) × 280.7(D) mm
Weight	2.78kg / 6.13lb
Operating temperature	5 to 35° C
Included items	Remote control unite (RC-BDMP4K), AAA batteries × 2, AC power code, 3P-2P conversion adapter, 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)