

Playable Discs		
BD-ROM	BDAV/ BDMV/ JPEG/ MPO	Y
		Y
BD-RE/ BD-RE DL (Ver.3)	MKV(H.264/ HEVC)/ MP4 (H.264/ HEVC), TS (MPEG-2 /H.264/ HEVC), PS(MPEG-2)	
		Y
BD-R (Ver.1.3) / BD-R DL (Ver.2)	BDAV/ BDMV/ MKV/ JPEG/ MPO	Y
		Y
DVD	DVD-Video/ DVD Video Recording	Y
		Y
DVD-R*/ DVD-R DL*/ DVD-RW*	AVCHD/ MKV(H.264/ HEVC)	Y/ Y* (*DVD-R/ DVD-R DL)
	MP4 (H.264/ HEVC), TS (MPEG-2 /H.264/ HEVC), PS(MPEG-2)	Y (DVD-R/ DVD-R DL)
	FLAC/ WAV/ ALAC/ AIFF/ DSD/ WMA/ AAC/ MP3	Y (DVD-R/ DVD-R DL)
+R*/ +R DL*/ +RW*	CD-DA/ DTS-CD	Y (DVD-R/ DVD-R DL)
CD, CD-R/ -RW	MKV(H.264/ HEVC)	Y (CD-R/ -RW)
	MP4 (H.264/ HEVC), TS (MPEG-2 /H.264/ HEVC), PS(MPEG-2)	Y (CD-R/ -RW)
	FLAC/ WAV/ ALAC/ AIFF/ WMA/ AAC/ MP3	Y (CD-R/ -RW)
Audio System		Y (CD-R/ -RW)
Dolby Audio (Dolby Digital/ Dolby Digital Plus/ Dolby TrueHD)		Y (Decode and Bitstream Output*)

DTS-HD Master Audio/ DTS-HD High Resolution Audio	Y (Decode and Bitstream Output*2)	
Dolby Atmos/ DTS:X	Y (Bitstream Output*2)	
FLAC	Y (Max. 192 kHz/ 24 bit)	
WAV	Y (Max. 384 kHz/ 24 bit)	
ALAC	Y (Max. 192 kHz/ 24 bit (2ch))	
DSD (DFF, DSF)	Y (2.8 MHz (2ch/ 5.1ch), 5.6 MHz (2ch/ 5.1ch), 11.2 MHz (2ch))	
AIFF	Y (Max. 384 kHz/ 24 bit (2ch))	
SD Memory Card		
Slot	-	
Compatible Media	JPEG/ MPO	-
Playback	AVCHD/ AVCHD 3D	-
	MP4	-
	USB	
Front	1 (USB 2.0 High Speed)	
Rear	FLAC/ WAV/ ALAC/ AIFF/ DSD (DFF, DSF)/ WMA/ AAC/ MP3	Y
Playback	MKV(H.264/ HEVC)/ MP4 (H.264/ HEVC), TS (MPEG-2 /H.264/ HEVC)	Y
	PS (MPEG-2) / AVCHD/ AVCHD 3D	Y
	JPEG/ MPO High Quality Picture	Y
HCX Processor for Ultra HD Blu-ray	-	
HDR10+	Y	
Dolby Vision	-	

Hybrid Log Gamma (HLG)	Y	
Enhanced Projector Mode	-	
System Gamma Adjustment	-	
HDR10 Metadata Display	-	Y
4K Up-scaling ^{*3*4}	60p/ 50p/ 4:4:4 (HDMI2.0)	
4K Direct Chroma Up-scaling ^{*3}	24p/ 25p	Y
4K Networking (4K Video ^{*5} Playback/ 4K JPEG Playback ^{*3})	Y	
4K VOD	-	
Picture Type Presets ^{*6}	-	
Block/ Randam/ Mosquito Noise Reduction	-	
Video on Demand in HD Quality	-	
2D-3D Conversion/ 3D Effect Controller	-	
Ultra HD Premium	-	
THX Certified	-	
Deep Colour	Y	
x.v.Colour ^{*7}	Y	
High Quality Sound		
TWIN HDMI	-	
Pure Audio on HDMI (HDMI Low Clock Jitter Process)	-	
High Quality Network Audio Playback ^{*8}	-	
High Clarity Sound Premium	-	

Digital Tube Sound	-
Surround Re-Master* ⁹	-
Audio D/A Converter	-
Insulator	-

Smart Features

Viewing Experience Controlled via Voice (Google Assistant/ Amazon Alexa)	-
Closed Caption	Y
Unit Display	-
Remote Control	Y (Simple)
Subtitle Position/ Brightness Adjustment	-
Compatible with Control4 Linking	-
HDAVI Control 5 (VIERA Link) / HDMI CEC	Y (HDMI CEC only)
Mirroring with Smartphone/ Tablet** ¹⁰	-
Internet Apps** ¹¹	-
Web Browser	-
Wireless LAN System	-
Network Contents Playback* ⁸ (Client & Renderer)	-
External HDD Playback* ¹²	Y
Network Drive Access	-
BD-Live™* ¹³	Y

Terminal

HDMI Output	Y (1)
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Video Output	-
Optical Output	-
Coaxial Output	-
Analogue Audio LR Output	-
Analogue Audio 7.1ch Output	-
LAN (Ethernet) Terminal	Y (for Ultra HD Blu-ray, BD-Live™*13 and Firmware Update)

Others

Video System	NTSC	
Power Supply	Normal Use	12 W
Power Consumption		-
	Standby (Quick Start Off): Network Standby On	-
	Standby (Quick Start Off): Network Standby Off	0.3 W
HDMI Cable Included	-	

Dimensions, Weight

Dimensions (W x H x D)*14	320 x 46 x 193 mm
Weight	1.2 kg

NOTE

*1 Discs recorded and finalized on recording devices.

*2 HDMI connections and compatible equipment (e.g. AV Receiver) required.

*3 For 4K Up-scaling playback a TV with same resolution is required.

*4 For 4K/60p video, a high speed HDMI cable supporting 18 Gbps bandwidth is required.

*5 MP4/ MKV/ TS (H.264/ HEVC) Up to 3840x2160 25p/ 30p, 4096x2160 24p

*6 Ultra HD Blu-ray and Photo (JPG/ MPO) are not supported.

*7 This function is effective only when reproducing AVCHD data recorded with x.v.Color technology. The function cannot be used with BD-ROM or DVD-ROM discs. HDMI connection is required.

*8 File formats that are not supported by your Network Contents server (DLNA compatible server, etc.) cannot be played.

*9 CD sampling is done at 176.4/88.2 kHz.

*10 A device that supports the Mirroring function and Android™ ver. 4.2 or higher is required.

*11 Requires broadband Internet service.

*12 The external HDD with capacities of 4TB or less in processing NTFS/ FAT32 data is supported. Playback is not possible with some external hard disk drives.

*13 To enjoy content, you will need to insert a USB (1GB or more of free space/ sold separately). Requires broadband Internet service.

*14 Excluding the projecting parts.

Specifications are subject to change without notice. All numbers given here are approximate.

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Playability may vary depending on the contents, discs and quality of the recording. For content recorded for your personal use.

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