

Panasonic

2019 Ultra HD Blu-ray Player

HERO SHEETS



4K
HDR

ULTRAHDTM
Blu-ray

UK(EB) Version
28/02/19 DB Edit

Ver.2.0

Delivering the Widest HDR Experience

The 2019 Line-Up Covers All Consumer Needs

NEW DP-UB450EB Compact Player



NEW DP-UB150EB Compact Player



DP-UB9000EB** Reference Player



DP-UB820EB Full-Sized Player



**Specialist retailer model

Web Description: *Panasonic DP-UB450EB Native 4K Ultra HD Blu-ray Player. HDR10+ & Dolby Vision HDR. Compact size, black.*



STEP-UP STORY

Supports all HDR formats – inc. Dolby Vision & HDR10+

- Perfect for any 4K TV, regardless of brand

High-Level Sound Quality

- TWIN HDMI PURE AV

SHORT DESCRIPTION

The compact UB450 4K Ultra HD Blu-ray Player gives uncompromising picture performance. Compatible with all HDR formats, including HDR10+ and Dolby Vision, the UB450 ensures the best picture quality from your 4K TV – no matter which HDR standard it supports.

HIGH QUALITY PICTURE

- Ultra HD Blu-ray Playback (4K HDR) – get the best possible picture from your 4K TV
- HDR10+ & Dolby Vision™ Dynamic Metadata – for scene-by-scene HDR adjustment, regardless of 4K TV brand & format of disc.
- 4K 60p/50p/4:4:4 Output – see movies perfectly
- FULL HD 3D* Blu-ray Disc™ Playback, also DVDs & CDs – one compact unit to play your existing disc collection

*3D TV required for 3D images

HIGH QUALITY SOUND

- TWIN HDMI PURE AV (Twin Isolated Output) -
- High-resolution Audio Playback – wide range of Blu-ray disc audio formats supported, bring movies to life with sound. Ideal source for a soundbar

Web Description: *Panasonic DP-UB150EB Native 4K Ultra HD Blu-ray Player. HDR10+ HDR. Compact size, black.*



STEP-UP STORY vs. 2018

HDR10+ Dynamic Metadata Support

- Get the best from your HDR10+ TV & discs with this entry level player

SHORT DESCRIPTION

The compact UB150 4K Ultra HD Blu-ray Player plays Blu-ray & DVDs. It plays the new Ultra HD Blu-ray discs too, to deliver a stunning picture on your 4K TV.

HIGH QUALITY PICTURE

- Ultra HD Blu-ray Playback (4K/HDR) – get the best from your 4K TV
- Supports HDR10+ Dynamic Metadata – for scene-by-scene HDR adjustment
- 4K 60p/50p/4:4:4 Output – see movies at the best possible quality
- FULL HD 3D* Blu-ray Disc™ Playback – plays your existing disc collection too

*3D TV required for 3D images

HIGH QUALITY SOUND

- High-resolution Audio Playback – outputs the high quality sound from your discs

Web Description: *Panasonic DP-UB820EB Native 4K Ultra HD Blu-ray Player. HDR10+ & Dolby Vision HDR. With Smart features. Full size, drop down front panel, black.*



STEP-UP STORY

Ultimate Picture Quality with the HX Processor

- Panasonic's best picture processor

High-Level Sound Quality

- 7.1ch Analogue Audio Output

Smart

- 4K VOD^{*2}(NETFLIX/ YouTube/ Prime Video)
- Viewing Experience Controlled via Voice^{*3}

SHORT DESCRIPTION

The full-sized UB920 4K Ultra HD Blu-ray Player gives uncompromising picture performance. It's the ideal partner for an OLED TV & home cinema set-up. Compatible with all HDR formats, including HDR10+ and Dolby Vision, the UB820 ensures the best picture quality from your 4K TV – no matter which HDR standard it supports.

HIGH QUALITY PICTURE

- Ultra HD Blu-ray Playback (4K HDR)
- HCX(Hollywood Cinema Experience) Processor
- Supports HDR10+/ Dolby Vision™ Dynamic Metadata technology^{*1}
- 4K Direct Chroma Up-scaling
- 4K 60p/50p/4:4:4 Output
- FULL HD 3D Blu-ray Disc™ Playback

No compromise picture performance. Get the best from your 4K TV no matter what brand. Ideal partner for premium 4K TVs like OLED.

HIGH QUALITY SOUND

- 7.1ch Analogue Audio Output
- TWIN HDMI PURE AV (Twin Isolated Output)
- High Clarity Sound Premium
- HDMI Low Clock Jitter Process
- Digital Tube Sound with Up-sampling
- High-resolution Audio Playback (192kHz/ 96kHz Surround Re-master)

No compromise sound performance, audio separated from video circuitry. 7.1 analogue connectors make it idea for a true home cinema set-up with an amplifier. Full Hi-Fi sized unit to work as part of an AV system. High clarity sound output.

SMART FEATURES

- Viewing Experience Controlled via Voice^{*3}
- 4K VOD^{*2}(NETFLIX/ YouTube/ Prime Video)
- 4K Networking
- Wireless LAN Built-in(802.11a/b/g/n/ac)

^{*1} Enabled by software update


















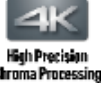











^{*3} Available for UK English

^{*2} Requires broadband Internet service.

2019 4K Ultra HD Blu-ray Player Product Line-Up – Feature Comparison

HIGH QUALITY PICTURE & SOUND

SMART FEATURES

	HIGH QUALITY PICTURE & SOUND					SMART FEATURES			
 DP-UB9000	  			 High Clarity Sound 		 Balanced XLR Outputs		  	Control4 *Software update required.
 DP-UB820	  						 		
NEW  DP-UB450									
NEW  DP-UB150									

Features

HIGH PICTURE QUALITY

HIGH PICTURE QUALITY Multi HDR Support

Experience stunning 4K pictures

Panasonic Ultra HD Blu-ray Players support multiple HDR formats, such as HDR10, the standard HDR format for films on UHD Blu-ray discs. They all now support HDR10+™ Dynamic Metadata, for scene-by scene HDR adjustment. UB450 & above are also compatible with Dolby Vision™*. There's a Panasonic UHD Blu-ray player that will suit your choice of 4K TV & UHD discs.

* Dolby Vision is supported by the UB450 & above.



HDR10

HLG

Technical Information

HDR10+

HDR10+ is a Dynamic Metadata platform for High Dynamic Range (HDR), created by 20th Century Fox, Panasonic, and Samsung. **All** new Panasonic UHD Blu-ray players support this format – making them the perfect partner for Samsung as well as Panasonic 4K TVs.



Dolby Vision

Dolby Vision is the HDR format from Dolby Laboratories. It's supported by many Ultra HD Blu-ray discs & some video streaming services such as Netflix. Like Dolby Vision it uses the same Dynamic Metadata as HDR10+.



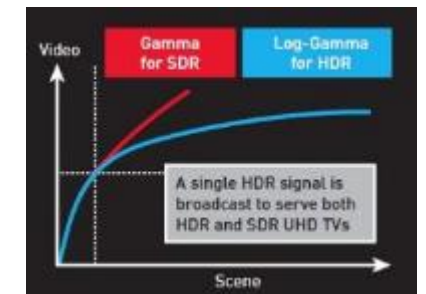
HDR10

The default HDR format known as "HDR10" is the most wide-spread HDR format. Currently, all HDR Blu-ray discs are technically HDR10 discs.

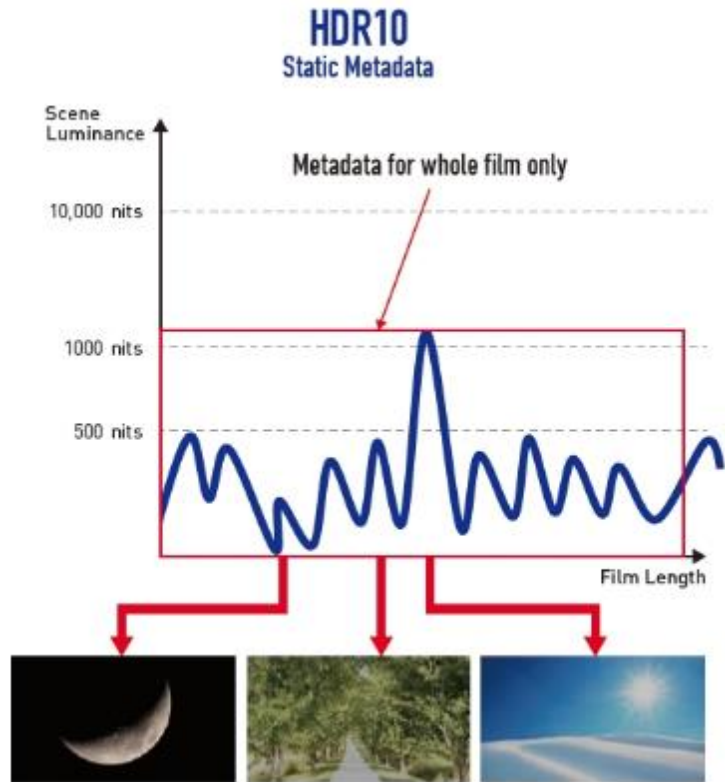


HLG (Hybrid Log-Gamma)

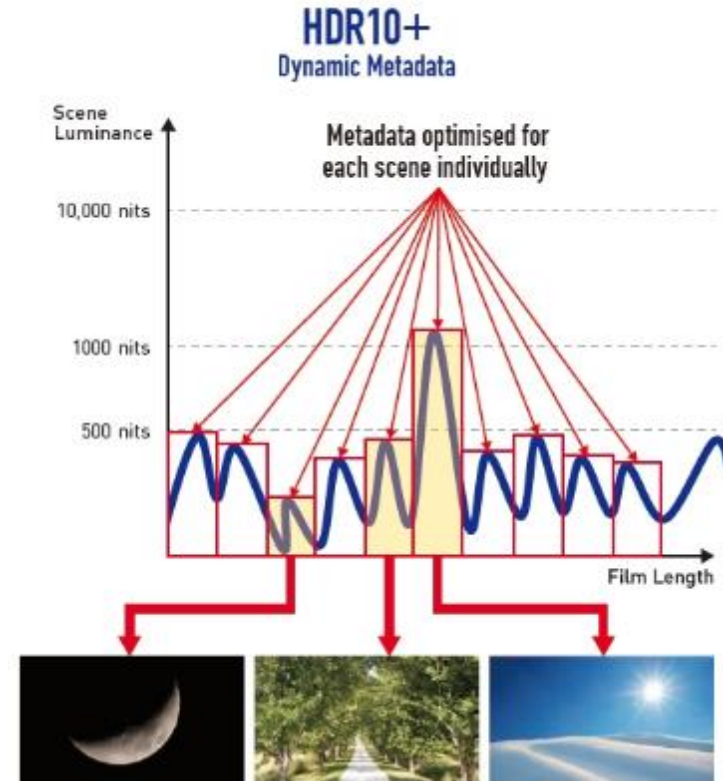
Hybrid Log-Gamma (HLG) is a High Dynamic Range (HDR) standard that was jointly developed by the BBC and Japan's NHK. With HLG broadcasters can broadcast one stream of content which will be displayed in HDR on HDR compatible TVs and in SDR on pre HDR TVs.



Technical Information



With static metadata, one fixed tone mapping curve is applied across the **whole** film based on the scene with the highest luminance, meaning that some scenes may be displayed sub-optimally.



With HDR10+ dynamic metadata, the tone mapping curve is adjusted **scene-by-scene** to enable **the most optimal visual reproduction for each scene**.

The ease of authoring video content in this format will lead to much more HDR film & episodic content becoming available in this style.

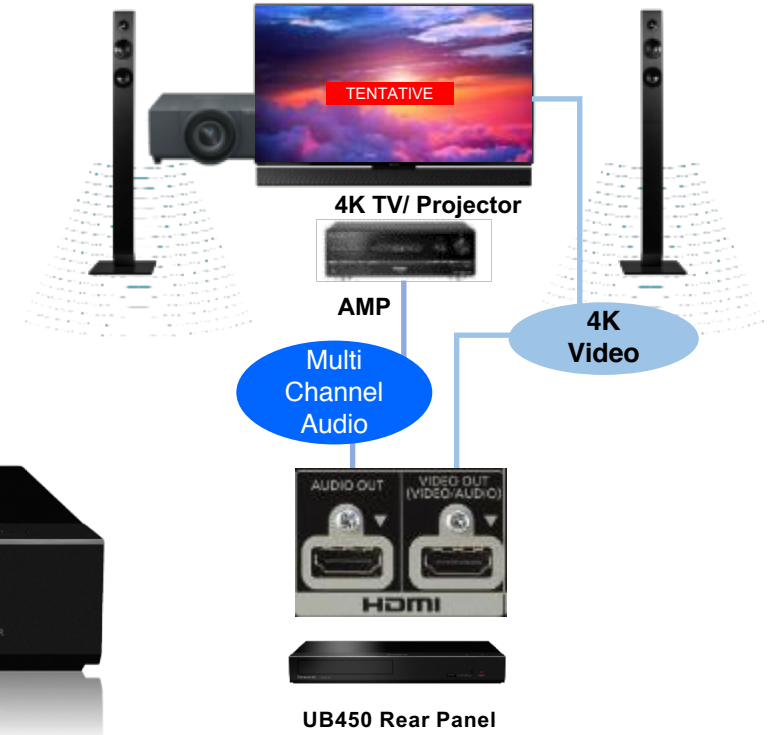
Features

HIGH QUALITY SOUND

HIGH QUALITY SOUND TWIN HDMI PURE AV (Twin Isolated Output)



Technical Information



Designed to isolate & transmit TV (4K Video) and amp audio

The twin HDMI arrangement separates audio & video signals to suppress unwanted noise and achieve high-quality audio reproduction.

Connection Application	UB450/159
4K TV/Projector	VIDEO OUT(VIDEO/Audio) (4K Video/Audio)
AMP/Soundbar	AUDIO OUT (Audio)

HIGH QUALITY SOUND

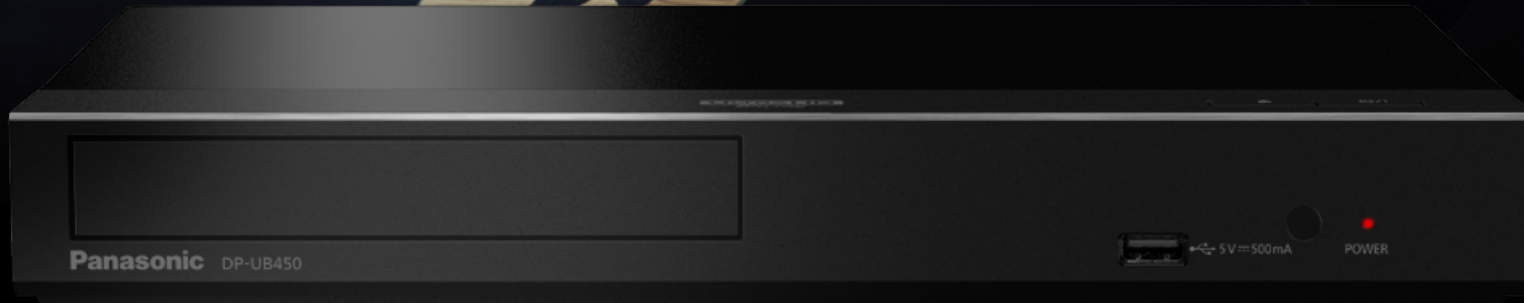
High-Resolution Audio Playback

Experiencing studio master sound quality

All Panasonic UHD Blu-ray players support high-resolution audio reproduction. In addition to the conventional WAV/FLAC/MP3/AAC/WMA/AIFF formats, DSD (11.2MHz/5.6 MHz/2.8 MHz) and ALAC music files can be reproduced. Simply connect to your home audio system or soundbar to enjoy music performances & film soundtracks.



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*The product with this logo is conformed to High-Resolution Audio standard defined by Japan Audio Society. This logo is used under license from Japan Audio Society.

Panasonic