



Supplemental A/V Support Specification

Lifestudio Grand Plus EH-LS970B

Lifestudio Grand Plus EH-LS970W

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Nov 2025

Seiko Epson Corporation

2025年11月

セイコーエプソン株式会社

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Supplemental A/V Support Specification (HDMI1,HDMI2)

Signal Information				HDMI											
Mode	Resolution	Refresh Rate [Hz]	Link	YCbCr									RGB		
				4:2:0			4:2:2			4:4:4					
				8	10	12	8	10	12	8	10	12	8	10	12
PC	640 x 480	59.94p	Single	—	—	—	—	—	—	—	—	—	✓	—	—
PC	800 x 600	60.32p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1024 x 768	60p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1280 x 800	59.81p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1280 x 960	60p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1280 x 1024	60.02p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1366 x 768	59.79p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1400 x 1050	59.98p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1440 x 900	59.89p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1600 x 900	60p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1600 x 1200	60p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1680 x 1050	59.95p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1920 x 1200	59.95p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	2048 x 1536	59.95p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	2560 x 1440	59.95p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	2560 x 1600	59.97p	Single	—	—	—	—	—	—	—	—	—	—	—	—
Video	720 x 480	59.94p	Single	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	720 x 576	50p	Single	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1280 x 720	50p	Single	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1280 x 720	59.94p	Single	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1280 x 720	60p	Single	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video *1	720 x 480	59.94i	Single	—	—	—	—	—	—	—	—	—	—	—	—
Video *1	720 x 576	50i	Single	—	—	—	—	—	—	—	—	—	—	—	—
Video	1920 x 1080	23.98p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	24p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	25p	Single	—	—	—	—	—	—	—	—	—	—	—	—
Video	1920 x 1080	29.97p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	30p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	50p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	59.94p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	60p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	50i	Single	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1920 x 1080	59.94i	Single	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1920 x 1080	60i	Single	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1920 x 1080	100p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	119.88p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	120p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	3840 x 2160	23.98p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	3840 x 2160	24p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	3840 x 2160	25p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	3840 x 2160	29.97p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	3840 x 2160	30p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	3840 x 2160	50p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	3840 x 2160	59.94p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	3840 x 2160	60p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	4096 x 2160	23.98p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	4096 x 2160	24p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	4096 x 2160	25p	Single	—	—	—	—	—	—	—	—	—	—	—	—
Video	4096 x 2160	29.97p	Single	—	—	—	—	—	—	—	—	—	—	—	—
Video	4096 x 2160	30p	Single	—	—	—	—	—	—	—	—	—	—	—	—
Video	4096 x 2160	50p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	4096 x 2160	59.94p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	4096 x 2160	60p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	3840 x 2160	100p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	3840 x 2160	119.88p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	3840 x 2160	120p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	4096 x 2160	100p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	4096 x 2160	119.88p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	4096 x 2160	120p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A

■Common note
・Formats with a checkmark "✓" in 10 bit and 12 bit support "Deep Color".
10bit、12bitに✓が入っているフォーマットは、ディープカラーに対応しています。

■Notes (*1,2,3・・・)
*1：Pixel repetition：H active is 720(1440).
Pixel repetition：有効な水平解像度は720(1440)です。

■HDR Support Information (*A,B,C・・・)			
HDR Supported		Color Space	Standard
*A	HDR10,HLG	BT. 2020	BT. 2100

Supplemental A/V Support Specification (HDMI3)

Signal Information				HDMI											
Mode	Resolution	Refresh Rate [Hz]	Link	YCbCr									RGB		
				4:2:0			4:2:2			4:4:4					
				8	10	12	8	10	12	8	10	12	8	10	12
PC	640 x 480	59.94p	Single	—	—	—	—	—	—	—	—	—	✓	—	—
PC	800 x 600	60.32p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1024 x 768	60p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1280 x 800	59.81p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1280 x 960	60p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1280 x 1024	60.02p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1366 x 768	59.79p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1400 x 1050	59.98p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1440 x 900	59.89p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1600 x 900	60p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1600 x 1200	60p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1680 x 1050	59.95p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	1920 x 1200	59.95p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	2048 x 1536	59.95p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	2560 x 1440	59.95p	Single	—	—	—	—	—	—	—	—	—	—	—	—
PC	2560 x 1600	59.97p	Single	—	—	—	—	—	—	—	—	—	—	—	—
Video	720 x 480	59.94p	Single	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	720 x 576	50p	Single	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1280 x 720	50p	Single	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1280 x 720	59.94p	Single	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1280 x 720	60p	Single	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video *1	720 x 480	59.94i	Single	—	—	—	—	—	—	—	—	—	—	—	—
Video *1	720 x 576	50i	Single	—	—	—	—	—	—	—	—	—	—	—	—
Video	1920 x 1080	23.98p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	24p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	25p	Single	—	—	—	—	—	—	—	—	—	—	—	—
Video	1920 x 1080	29.97p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	30p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	50p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	59.94p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	60p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	50i	Single	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1920 x 1080	59.94i	Single	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1920 x 1080	60i	Single	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1920 x 1080	100p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	119.88p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	1920 x 1080	120p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	3840 x 2160	23.98p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	3840 x 2160	24p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	3840 x 2160	25p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	3840 x 2160	29.97p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	3840 x 2160	30p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	3840 x 2160	50p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	—	—	✓	—	—
Video	3840 x 2160	59.94p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	—	—	✓	—	—
Video	3840 x 2160	60p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	—	—	✓	—	—
Video	4096 x 2160	23.98p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	4096 x 2160	24p	Single	—	—	—	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A
Video	4096 x 2160	25p	Single	—	—	—	—	—	—	—	—	—	—	—	—
Video	4096 x 2160	29.97p	Single	—	—	—	—	—	—	—	—	—	—	—	—
Video	4096 x 2160	30p	Single	—	—	—	—	—	—	—	—	—	—	—	—
Video	4096 x 2160	50p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	—	—	✓	—	—
Video	4096 x 2160	59.94p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	—	—	✓	—	—
Video	4096 x 2160	60p	Single	✓	✓ ^A	✓ ^A	✓	✓ ^A	✓ ^A	✓	—	—	✓	—	—

■Common note
・Formats with a checkmark "✓" in 10 bit and 12 bit support "Deep Color".
10bit、12bitに✓が入っているフォーマットは、ディープカラーに対応しています。

■Notes (*1,2,3・・・)
*1 : Pixel repetition : H active is 720(1440).
Pixel repetition : 有効な水平解像度は720(1440)です。

HDR Support Information (*A,B,C・・・)			
HDR Supported		Color Space	Standard
*A	HDR10,HLG	BT.2020	BT.2100

Supplemental A/V Support Specification (eARC/ARC)

Output Audio Format		eARC	ARC
LPCM	2~8ch(Max 192kHz/24bit)	✓	✓*1
Dolby	Dolby Digital(AC-3)	✓	✓
	Dolby Digital Plus	✓	—
	Dolby TrueHD	✓	—
	Dolby Atmos	✓	—
DTS	DTS	—	—
	DTS-HD High Resolution Audio	—	—
	DTS-HD Master Audio	—	—
	DTS:X	—	—
AAC		✓	✓

■Common note

・You can output (pass-through) HDMI and streaming audio signals with eARC/ARC when using an HDMI cable (with Ethernet).
The audio format is determined by the specifications of the connected AV system or external speakers such as a sound bar.

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■Notes (*1, 2, 3 . . .)

*1 Supports up to 2 ch/48 kHz for ARC.
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