



# Supplemental A/V Support Specification

Version 1.0.0

## **EF-21 Series** **EF-22 Series**

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「Supplemental A/V Support Specification」ご利用条件

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セイコーエプソン株式会社

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Supplemental A/V Support Specification (HDMI)

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	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	✓	✓*A	✓*A	✓*A		
Video	1920 x 1080	24p	Single	-	-	-	✓	✓*A	✓*A	✓	✓*A	✓*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	✓	✓*A	✓*A	✓*A		
Video	1920 x 1080	30p	Single	-	-	-	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓*A		
Video	1920 x 1080	50p	Single	-	-	-	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓*A		
Video	1920 x 1080	59.94p	Single	-	-	-	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓*A		
Video	1920 x 1080	60p	Single	-	-	-	✓	✓*A	✓*A	✓	✓*A	✓*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	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

■Common notes

・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 (ARC)

Output Audio Format		ARC
LPCM	2ch(48kHz/24bit)	✓
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 notes


- ・ You can output (pass-through) HDMI audio signals with 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.

HDMIの音声信号は、イーサネット対応のHDMIケーブルを使用して、ARCでパススルー可能です。

音声フォーマットは、接続されるアンプやサウンドバーなどの外部スピーカーの仕様で決定されます。

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