

3D video production is now more attainable



AV-HS450

AV-HS04M7D



3D PROFESSIONAL

Compatible formats for AV-HS04M7D

2D MODE	1080/59.94i, 1080/50i, 720/59.94p, 720/50p, 480/59.94i, 576/50i
3D MODE	1080/59.94i, 1080/50i, 720/59.94p, 720/50p

Optional 3D board for the AV-HS450 enables live production

Up to nine pairs of inputs in 3D

In 3D mode, up to nine 3D cameras can be applied. It's perfect for any application that requires an abundance of inputs/outputs.

Various video transition effects

Two channel (L, R) simultaneous video transitions are enabled using crosspoint buttons. Cut, dissolve, wipe, and other effects become available as simultaneous transitions for use in sports recording, commercial production, event recording, and other 3D productions.

3D correction function

Vertical/horizontal reversing and position correction are possible for all 16 channels of SDI standard inputs. Correction using a 3D rig can also be easily done on-site.

Primatte® chroma key compositing ability

Chroma key compositing can be easily done on-site in real time with Primatte® chroma key for both a left and right channel.

- Primatte® is a registered trademark of IMAGICA DIGIX Inc.
- The copyrights of Primatte® belong to IMAGICA DIGIX Inc.
- The patents for Primatte® belong to IMAGICA DIGIX Inc.

HD 3D System example



AV-HS450 specifications when using AV-HS04M7D (Specifications are based on AV-HS04M7D.)

Item	Function	2D MODE	3D MODE	comments	
INPUT IN 1 to 16 [IN A1, A2]	Number of CH	16 [18] ch	(L, R) x 8 [9] ch	[] is when the optional board AV-HS04M1 was used.	
	Frame Synchronizer, Freeze	✓	✓	L, R Common Setting	
	Up-converter (IN13 to 16)	✓	✓	L, R Common Setting	
	Color collector (IN 9 to 16)	✓	✓	L, R Separate Setting Only	
	Input signal reversing function (horizontal/vertical)	-	✓*1	*1. IN1 to 16 Only When using this function, FS will be on and ANC data deleted.	
	Input signal position correction function (horizontal/vertical)	-	✓*1		
SDI OUT OUT 1 to 4 [OUT A1 to B2]	Number of CH	6 [8] ch	6 [8] ch	[] is when the optional board AV-HS04M7 was used.	
	MODE	L, R	-	✓	Set mode for each channel.
		MIX	-	✓	
		Side-by-Side	-	✓	
		Line-by-Line	-	✓*2	
DVI OUT OUT 5, 6 [OUT A2]	Number of CH	2 [3] ch	2 [3] ch	[] is when the optional board AV-HS04M5 was used.	
	MODE	L, R	-	✓	Set mode for each channel.
		MIX	-	✓	
		Side-by-Side	-	✓*3	
		Line-by-Line	-	✓*4	
BKGD	Trans	CUT	✓	✓	
		MIX	✓	✓	
		WIPE	✓	✓	
		DVE	✓	-	
	IMAGE A, B	✓	-		
KEY	Number of CH	1 ch	(L, R) x 1 ch		
	Trans	CUT	✓	✓	
		MIX	✓	✓	
		WIPE	✓	✓	
		DVE	✓	✓	
Lum, Linear, Chroma, Full	✓	✓			
PinP	Number of CH	2 ch	(L, R) x 1 ch		
	Shape	Square (PinP1)	✓	✓	
		Square (PinP2)	✓	-	
		Circle (PinP1)	✓	-	
		Circle (PinP2)	-	-	
DSK	Number of CH	2 ch	(L, R) x 2 ch		
	Lum, Linear	✓	✓	L, R Common Setting	
	EDGE	✓	-		
FMEM	Number of CH	4 ch	4 ch		
MV	Number of CH	2 ch	(L, R) x 1 ch*5	L, R Common Setting *5. 16 split-screen cannot be selected.	
AUX	Number of CH	4 ch	(L, R) x 4 ch		

•2D and 3D modes are switchable in the menu. 2D and 3D modes cannot be used simultaneously. Internal settings are reset when switching between 2D and 3D modes. •3D-compliant monitors are required for the monitoring in 3D.

•This brochure is preliminary. Specifications and functions are subject to change without notice.

•The image on the screen is a composite image. •Composite images, photographs, and illustrations are included for reference use only.

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