



HD2SD-M DIP SWITCH SETTINGS

DIP SWITCHES SET 1

Switch	Description	UP	DOWN
1	RGB Enable	OFF	ON
2	Composite Enable	OFF	ON
3	SD Pedestal Enable	OFF	ON
4	Safe Action Graticule Enable	OFF	ON
5	Safe Title Graticule Enable	OFF	ON
6	Centre Cross Enable	OFF	ON
7	Audio Out	ANALOG	AES/EBU

Audio Group and Pair to De-embed	Switch 8	Switch 9	Switch 10
Group 1, Pair 1	UP	UP	UP
Group 1, Pair 2	UP	UP	DOWN
Group 2 Pair 1	UP	DOWN	UP
Group 2, Pair 2	UP	DOWN	DOWN
Group 3, Pair 1	DOWN	UP	UP
Group 3, Pair 2	DOWN	UP	DOWN
Group 4, Pair 1	DOWN	DOWN	UP
Group 4, Pair 2	DOWN	DOWN	DOWN

DIP SWITCHES SET 2

When Dipswitch 10 is UP options on Switches 1-9 are updated, when it is DOWN they are not.

Options 1 (Switch 8 = UP, Switch 9 = UP)

Switch	Description	UP	DOWN
1	Down converter Output Format	625i50	525i59.94
2	Down converted aspect format for 4:3 and 14:9. 16:9 will be Anamorphic for both switch positions.	Letterbox	Centre Cut

Down Converted SD Output Aspect Ratio	Switch 3	Switch 4
4:3	UP	UP
16:9	UP	DOWN
14:9	DOWN	UP
4:3	DOWN	DOWN

Graticule Aspect Ratio	Switch 5	Switch 6	Switch 7
Graticule and Raster the same	UP	UP	UP
4:3 Graticule on 16:9 Raster	UP	UP	DOWN
4:3 Graticule on 14:9 Raster	UP	DOWN	UP
16:9 Graticule on 4:3 Raster	UP	DOWN	DOWN
16:9 Graticule on 14:9 Raster	DOWN	UP	UP
14:9 Graticule on 4:3 Raster	DOWN	UP	DOWN
14:9 Graticule on 16:9 Raster	DOWN	DOWN	UP
Graticule and Raster the same	DOWN	DOWN	DOWN

Options 2 (Switch 8 = UP, Switch 9 =DOWN)

AES1/Analog Audio Test	Switch 1	Switch 2
No Audio Test	UP	UP
Left = 1kHz, Right=1kHz Broken	UP	DOWN
Left = 1kHz Broken, Right = 1kHz	DOWN	UP
Left = 1kHz, Right = 1kHz	DOWN	DOWN

AES2 Audio Test	Switch 3	Switch 4
No Audio Test	UP	UP
Left = 1kHz, Right=1kHz Broken	UP	DOWN
Left = 1kHz Broken, Right = 1kHz	DOWN	UP
Left = 1kHz, Right = 1kHz	DOWN	DOWN

Anti-Alias Filter Level	Switch 5	Switch 6
Low	UP	UP
Medium	UP	DOWN
High	DOWN	UP
Very Low	DOWN	DOWN

	Description	UP	DOWN
7	709 to 601 Colour Conversion Enable	ON	OFF

Options 3 (Switch 8 = DOWN)

	Description	UP	DOWN
1	Test Pattern Enable	OFF	ON

Switch 2	Switch 3	Switch 4	Switch 5	Switch 6	Test Pattern
UP	UP	UP	UP	UP	Colour Bars 100/0/100/0
UP	UP	UP	UP	DOWN	Colour Bars 100/0/75/0
UP	UP	UP	DOWN	UP	Colour Bars 75/0/75/0
UP	UP	UP	DOWN	DOWN	Colour Bars 100% & Red
UP	UP	DOWN	UP	UP	SMPTE Colour Bars
UP	UP	DOWN	UP	DOWN	Pathological Equalizer & PLL
UP	UP	DOWN	DOWN	UP	4:3 square
UP	UP	DOWN	DOWN	DOWN	16:9 square
UP	DOWN	UP	UP	UP	5 Step staircase
UP	DOWN	UP	UP	DOWN	valid 5 step modulated staircase
UP	DOWN	UP	DOWN	UP	limit ramp
UP	DOWN	UP	DOWN	DOWN	shallow ramp
UP	DOWN	DOWN	UP	UP	multiburst 60% sweep with markers
UP	DOWN	DOWN	UP	DOWN	full fieldline 17 ITS
UP	DOWN	DOWN	DOWN	UP	convergence
UP	DOWN	DOWN	DOWN	DOWN	tartan bars
DOWN	UP	UP	UP	UP	1 field in 8 white
DOWN	UP	UP	UP	DOWN	white
DOWN	UP	UP	DOWN	UP	black
DOWN	UP	UP	DOWN	DOWN	red
DOWN	UP	DOWN	UP	UP	green
DOWN	UP	DOWN	UP	DOWN	blue
DOWN	UP	DOWN	DOWN	UP	magenta
DOWN	UP	DOWN	DOWN	DOWN	cyan
DOWN	DOWN	UP	UP	UP	Static X Frequency Sweep Lo Zoneplate
DOWN	DOWN	UP	UP	DOWN	Static X Frequency Sweep Hi Zoneplate
DOWN	DOWN	UP	DOWN	UP	Static Y Frequency Sweep Zoneplate
DOWN	DOWN	UP	DOWN	DOWN	Moving X Bars Zoneplate
DOWN	DOWN	DOWN	UP	UP	Moving Y Bars Zoneplate
DOWN	DOWN	DOWN	UP	DOWN	Moving XY Bars Zoneplate
DOWN	DOWN	DOWN	DOWN	UP	Static Circular Zoneplate
DOWN	DOWN	DOWN	DOWN	DOWN	Moving Circular Zoneplate