



SDADC SETTINGS

MENU = 0. Status (Buttons are disabled)

LED	Description	LED Status			
		Off	Green	Red	Orange
1	Format Detected		Locked	Unlocked	
2	TV/VCR status	TV		VCR	
3	Field rate status		60	50	
4	Peak white Detected	NO		YES	
5	Weak Signal Detected	NO		YES	
6	Reserved				
7	Reserved				
8	Reserved				

MENU = 1. Video Options 1

LED/Button	Description	LED Status			
		Off	Green	Red	Orange
1	Video Input Format		Component	Composite	S-Video
2	VBI (Vertical Blanking Area)	Disabled	Enabled		
3	SD Pedestal	Disabled	Enabled		
4	TBC	Disabled	Enabled		
5	ITU-R BT.601 coding range	Disabled	Enabled		
6	Anti-Alias Filter	Disabled	Low	Medium	High
7	Aspect Ratio Converter	Disabled	Centre Cut 16:9	Centre Cut 14:9	
8	EDH Insertion	Disabled	Enabled		

MENU = 2. Video Options 2

LED/Button	Description	LED Status			
		Off	Green	Red	Orange
1	Safe Action Graticule	Disabled	Enabled		
2	Safe Title Graticule	Disabled	Enabled		
3	Centre Cross	Disabled	Enabled		
4	Raster Aspect Ratio	4:3	16:9	14:9	
5	Graticule Aspect Ratio	4:3	16:9	14:9	
6	Reserved				
7	Reserved				
8	Reserved				

MENU = 3. Audio Embedder Options

LED/Button	Description	LED Status			
		Off	Green	Red	Orange
1	Audio Embedder	Disabled	Enabled		
2	Audio Resolution	20-bit	24-bit		
3	Audio Group	1	2	3	4
4	Audio Pair	1	2		
5	Audio Type	Balanced	Unbalanced		

Button 6 will move to the previous Audio Reference Level

Button 7 will move to the next Audio Reference Level

Audio Reference Levels for Balanced for -20dBFS		
Level	LED 6	LED 7
+4 dBu	Off	Off
+0 dBu	Off	Green
-2 dBu	Off	Red
-5 dBu	Green	Off
-7.781513 dBu or -10dBV	Green	Green
-8 dBu	Green	Red
-10 dBu	Red	Off

Audio Reference Levels for Unbalanced for -20dBFS		
Level	LED 6	LED 7
-7.781513 dBu or -10dBV	Green	Green
-10 dBu	Red	OFF

Audio Test Signals for Button 8	
Status on LED 8	Description
OFF	Off
GREEN	1kHz on Group1, Pair 1 only
RED	Pair 1 = 1kHz Tone Pair 2 = 500Hz Tone Pair 3 = 1kHz Broken Tone Pair 4 = 500Hz Broken Tone
ORANGE	1kHz Tone on Left for Pair 1, 2, 3 & 4 1kHz Broken Tone on Right for Pair 1, 2, 3 & 4

MENU = 4. Mono/Left Audio Level Adjustment

Button 1 will set default value for Left and Right Audio Levels

Button 2 will decrease both the Left and Right Audio Levels

Button 3 will increase both the Left and Right Audio Levels

Button 6 will set default for Left Audio Level

Button 7 will decrease Left Audio Level

Button 8 will increase Left Audio Level

MENU = 5. Right Audio Level Adjustment

Button 6 will set default for Right Audio Level

Button 7 will decrease Right Audio Level

Button 8 will increase Right Audio Level

MENU = 6. Luminance Brightness (For CVBS and S-Video only)

Button 6 will set default level.
Button 7 will decrease level.
Button 8 will increase level.

MENU = 7. Luminance Contrast (For CVBS and S-Video only)

Button 6 will set default level.
Button 7 will decrease level.
Button 8 will increase level.

MENU = 8. Chrominance Saturation (For CVBS and S-Video only)

Button 6 will set default level.
Button 7 will decrease level.
Button 8 will increase level.

MENU = 9. Chroma Hue (For CVBS and S-Video only)

Button 6 will set default level.
Button 7 will decrease level.
Button 8 will increase level.

MENU = A. Pr Contrast (For Component only)

Button 6 will set default level.
Button 7 will decrease level.
Button 8 will increase level.

MENU = B. Y Contrast (For Component only)

Button 6 will set default level.
Button 7 will decrease level.
Button 8 will increase level.

MENU = C. Pb Contrast (For Component only)

Button 6 will set default level.
Button 7 will decrease level.
Button 8 will increase level.

MENU = D. Y Brightness (For Component only)

Button 6 will set default level.
Button 7 will decrease level.
Button 8 will increase level.

MENU = E.

Button 1 will reset all settings to their defaults.

MENU = F. Video Test Patterns

LED/Button	Description	LED Status			
		Off	Green	Red	Orange
1	Test Pattern Generator	Disabled	Enabled		
2	Test Pattern Format		625i50	525i59.94	

Button 7 will decrement the Test Pattern

Button 8 will increment the Test Pattern

LED 4	LED 5	LED 6	LED 7	LED 8	Test Pattern
Off	Off	Off	Off	Off	Colour Bars 100/0/100/0
Off	Off	Off	Off	Green	Colour Bars 100/0/75/0
Off	Off	Off	Green	Off	Colour Bars 75/0/75/0
Off	Off	Off	Green	Green	Colour Bars 100% & Red
Off	Off	Green	Off	Off	SMPTE Colour Bars
Off	Off	Green	Off	Green	Pathological Equalizer & PLL
Off	Off	Green	Green	Off	4:3 square
Off	Off	Green	Green	Green	16:9 square
Off	Green	Off	Off	Off	5 Step staircase
Off	Green	Off	Off	Green	valid 5 step modulated staircase
Off	Green	Off	Green	Off	limit ramp
Off	Green	Off	Green	Green	shallow ramp
Off	Green	Green	Off	Off	multiburst 60% sweep with markers
Off	Green	Green	Off	Green	full fieldline 17 ITS
Off	Green	Green	Green	Off	convergence
Off	Green	Green	Green	Green	tartan bars
Green	Off	Off	Off	Off	1 field in 8 white
Green	Off	Off	Off	Green	white
Green	Off	Off	Green	Off	black
Green	Off	Off	Green	Green	red
Green	Off	Green	Off	Off	green
Green	Off	Green	Off	Green	blue
Green	Off	Green	Green	Off	magenta
Green	Off	Green	Green	Green	cyan
Green	Green	Off	Off	Off	Static X Frequency Sweep Lo Zoneplate
Green	Green	Off	Off	Green	Static X Frequency Sweep Hi Zoneplate
Green	Green	Off	Green	Off	Static Y Frequency Sweep Zoneplate
Green	Green	Off	Green	Green	Moving X Bars Zoneplate
Green	Green	Green	Off	Off	Moving Y Bars Zoneplate
Green	Green	Green	Off	Green	Moving XY Bars Zoneplate
Green	Green	Green	Green	Off	Static Circular Zoneplate
Green	Green	Green	Green	Green	Moving Circular Zoneplate