SDADC SETTINGS

MENU = 0. Status (Buttons are disabled)

		LED Status			
LED	**Description**	**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 Status			
LED/Button	**Description**	**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	Disable	Low	Medium	High
7	Reserved				
8	EDH Insertion	Disabled	Enabled		

MENU = 2. Video Options 2

		LED Status			
LED/Button	**Description**	**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 Status			
LED/Button	**Description**	**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	0	1		
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 Status			
LED/Button	**Description**	**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 Patern

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**