

SD SDI TO ANALOG VIDEO CONVERTER VM22

Controlled parameters are:

GREEN LIGHTS	FUNCTION	YELLOW LIGHTS	CONFIGURATION	REMARKS
○○○○	OUTPUTS CONTROL	○○○○	RGB	SETUP DEFAULT not changing
		○○○○	YUV	
		○○○○	PAL (SVHS)	TURN ON NOTCH FILTER
○○○○	YUV FORMAT	○○○○	BETACAM	
		○○○○	MII	
		○○○○	SMPTTE	
○○○○	U GAIN	○○○○	U GAIN MIN	
		○○○○		
		○○○○	U GAIN MAX	
○○○○	Y GAIN	○○○○	Y GAIN MIN	
		○○○○		
		○○○○	Y GAIN MAX	
○○○○	V GAIN	○○○○	V GAIN MIN	
		○○○○		
		○○○○	V GAIN MAX	
○○○○	CONTRAST	○○○○	CONTRAST MIN	
		○○○○		
		○○○○	CONTRAST MAX	
○○○○	HUE	○○○○	HUE MIN	
		○○○○		
		○○○○	HUE MAX	
○○○○	TEST PATTERN	○○○○	INPUT	
		○○○○	COLOR BARS	
		○○○○	INPUT	
○○○○	BURRCARRIER PHASE	○○○○		
		○○○○		
○○○○	VB	○○○○	PROCESSING VBI	
	PASS-THRU	○○○○	VBI PASS-THRU	
○○○○	Y FILTER	○○○○	LOW PASS PAL	
		○○○○	NOTCH PAL	
		○○○○	EXTENDED SSAF	
		○○○○	CIF	
		○○○○	SHARPNESS MAX	
		○○○○		
		○○○○	SHARPNESS MIN	
○○○○	COLOR FILTER	○○○○	1.3 MHz LOW-PASS	
		○○○○	0.95 MHz LOW-PASS	
		○○○○	1.0 MHz LOW-PASS	
		○○○○	2.0 MHz LOW-PASS	
		○○○○	RESERVED	
		○○○○	CIF	
		○○○○	QCIF	
○○○○	CONTROL	○○○○	3.0 MHz LOW-PASS	
		○○○○	RESET	
		○○○○	SETUP DEFAULT	
		○○○○	SETUP LOCK/UNLOCK	
		○○○○	EXIT	



DAC VM22 converts SD SDI to analog formats: PAL, SVHS, YUV, RGB. SD SDI input is equalized and reclocked before processing. It allows to accept SDI from cable which length is more than 200 meters. There also is equalized and reclocked additional SD SDI output, used as pass-through SDI output. Unique parameters setting system provides control of all parameters by front panel regulators. Color bars signal can be used for testing purposes. All parameters are memorized and remains after turning off the power. Front panel LED indicators show converter's current status and main parameters. All parameters can be locked up to prevent unexpected

changes. Indicators on the front panel also informs about not available input signal, analog input standard, setup locking, default status, test signal. Parameters setting system allows to reset converter back to default status.

Digital Analog Converter VM22 is available as stand alone unit with external PSU or up to 4 converters can be installed in the standard 19" 1U rack with internal power supply.



Technical specifications:

- Inputs: 1 equalized, reclocked SD SDI SMPTE 259M on BNC connector
- Outputs: 1 equalized, reclocked SD SDI SMPTE 259M on BNC connector
3 analog outputs on BNC connectors

- Analog outputs standard: PAL, SVHS, YUV, RGB
- SD SDI standard: 270MB/s
- Cable equalizing: up to 200m
- Control from: front panel regulators
- Power: ~220V external PSU with no stabilized +7...+15V output
- Dimensions: 85x120x43mm
- Weight: 0,7kg