



Simanama 20P

Simanama 20 is High Resolution Color monitor provide all professional requirement as Under scan, H-V delay, Only blue, Multi-format analog/digital video inputs, User friendly on-screen menu with memory and control for sub-functions. Using A/D & D/A to convert the analog

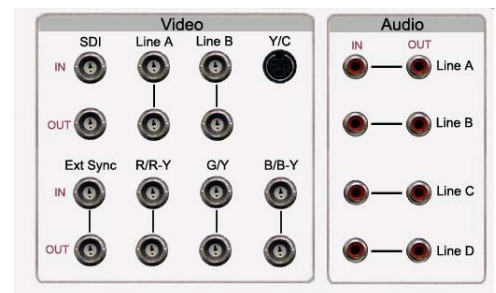
video inputs to digital, double scan rate the horizontal and vertical sync in order to progressive the interlace video frame to provide fine and sharp picture. Rugged metal cabinet with stylish fiber-glass front panel, different audio/video inputs and their loop-through are located on the rear panel.

Features

- High Resolution picture tube 600 TV line
- Multi-format Video Inputs:
 - Two Composite (PAL/NTSC) with Passive Loop-through
 - Two Y/C (PAL/NTSC)
 - Three RGB or Y-R/Y-Y-B with Passive Loop-Through and External Sync
 - One Serial Digital 270Mbps with Active Loop-through
- A/D & D/A Video Converter
- Digitally Interlace to Progressive Frame Converter
- Function Key (Volume, Brightness, Contrast, Color)
- Professional Functions useful for video editing (Under scan, only blue, H-V delay, 16/9:4/3)
- User-friendly On-Screen Menus (sync selecting, Brightness, Contrast, Volume, Color, geometry)
- Audio Amplifier and built-in speaker
- Automatic/Manual DEGAUSS



Rear Panel A/V Inputs



Front Panel





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Specifications

Type	Color video monitor	
Color system	PAL, NTSC, SECAM	
Resolution	800 TV lines	
Brightness	200 Cd/m ²	
Aperture correction	0 dB to +6 dB	
Frequency response	10 MHz \pm 3 dB, Y /RGB	
Synchronization	AFC time constant 1 msec	
Normal scan	7 % over scan of CRT effective screen area	
Under scan	5 % under scan of CRT effective screen	
H-V linearity	less than 4.0 % (typical)	
Convergence	Central area:0.4 mm (typical), Peripheral area:0.5 mm (typical)	
Raster size stability	H: 1.0%, V: 1.5%	
Color temperature	D65/D93, selectable, (factory setting is D65)	
Inputs	A/B	VIDEO IN: BNC(\times 2), 1Vp-p \pm 6 dB, sync negative AUDIO IN: phono jack (\times 2), -5 dBu, more than 10 K Ω
	C	Y/C IN: 4- pin mini Din (\times 1),Y; 1Vp-p,75 Ω ,C; 0.3Vp-p, 75 Ω AUDIO IN: phono jack (\times 1), -5 dBu, more than 10 K Ω
	RGB/YUV	R/R-Y, G/Y, B/B-Y IN: BNC (\times 3) R,G,B channels: 0.7Vp-p \pm 6 dB Sync on green: 0.3V negative sync, R-Y, B-Y channels: 0.7Vp-p, \pm 6 dB Y channel: 0.7Vp-p \pm 6 dB, 0.3 negative sync AUDIO IN: phono jack (\times 1), -5dbu, more than 10 K Ω
	EXT SYNC IN	BNC(\times 1), 1~4Vp-p, sync negative
	COMPONENT SDI IN	BNC (\times 1), SMPTE 259M-C (270M bit/s) Y: 5.75 MHz, -3 dB R-Y/B-Y: 2.75 MHz, -3 dB
outputs	A/B	VIDEO OUT: BNC (\times 2), 75 Ω , auto-termination loop-through AUDIO OUT: phono jack (\times 2), loop-through
	C	AUDIO OUT: phono jack (\times 1), loop-through
	RGB/YUV	R/R-Y, G/Y, B/B-Y OUT: BNC(\times 3), 75 Ω , auto-termination loop-through AUDIO OUT: phono jack (\times 1) loop-through
	EXT SYNC	BNC (\times 1), 75 Ω , auto-termination loop-through
	SDI OUT	BNC(\times 1), Active loop-through, 75 Ω , SMPTE 259M-C (270M bit/s)
	Audio	Speaker (\times 2): 1 Watt
Keys	Function : (Volume, Color, Brightness, Contrast) Selection : Channel (A/B/RGB/YUV/SDI), Sync (Ext/Int) Professional : (Only Blue, Under Scan, H/V Delay, 16/9:4/3) OSD : (Ent, Esc, Up/Down, Left/Right), On/Off	
OSD Menu	Advance (Degauss, Focus, Recall),Color (D93,D65, Sub-Cont./Cut-Off..), Geometry (Par., Trap., Pin., Corner..), H-V Position/Size, Zoom,..	
General		
CRT	46 cm (viewable), perfect flat, 0.24mm dot pitch, 90° deflection, aluminized tri-color phosphor dot trio with black matrix, Multi-layer coated with anti-static	
Power consumption	100 W	
Power requirements	100 to 240 V AC, 50/60 Hz	
Operating temperature	0 to +35°C (32 to 95°F)	
Operating humidity	15 to 85% (no condensation)	
Mass	Approx. 28 kg	
Accessory supplied	AC power cord (1), Operation manual (1)	
Dimensions	460 * 450 * 428 mm	