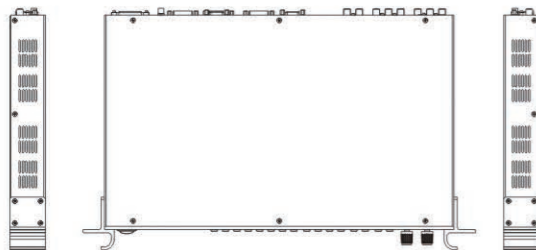


SC-PIP202

Multi-signal PIP scaler



SC-PIP202



Size(mm):
483(L)×290(W)×43.6(H)

Product overview

SC-PIP202 is specifically designed for different signals switching and high resolution image display. It is a high performance audio and video seamless switcher with DVI output, monitoring, scaling, picture in picture (PIP), and 12 kinds of picture switching effects. LCD display and lighting operation button design enable users to operate intuitively.

Function characteristics

- Eight video input: 2 CV, 2 COMPONENT, 2 Y/C, 1 VGA, 1 DVI, any way to switch to one end of the output.
- Two video signal output: 1 DVI-I (PROJETOR), 1 DVI- D(PREVIEW);
- 8X2 Unbalanced audio matrix function, can independently control 8 unbalanced audio input volume.
- Support 2 microphone inputs, and can adjust the microphone input volume.
- It supports several kinds of signal sources, like component video signal (component (YUV) of various adaptive formats (including NTST, PAL, SECAM), composite video (CV), S-Video (Y/C), VGA and DVI. It has high-definition display in SVGA, XGA, SXGA signal mode.
- Support 7 optional output resolutions: 800X600@60Hz, 1024X768@60Hz, 1280 x 1024@60Hz, 1366 x 768@60Hz, 1400X1050@60Hz.720P@60Hz and 1080P@60Hz.
- Picture switching has 12 kinds of seamless transition effects, like stretch, amplification, fade, etc.
- Three display modes, respectively, single picture, Pip, double screen, can be used for monitor, news, meeting room, etc.
- Support control of image freezing, white screen.
- With OSD menu function, can set the brightness, contrast, color, and other image parameters.
- Support the serial port and network control, be controlled by PC software or G7 touch screen.
- Front panel keypad lock function prevents the misoperation affecting the normal work.

Specifications

The parameter name	SC-PIP202	
Video	Gain	0dB
	Pixel bandwidth	Video, S-video, YPbPr/YCbCr:6MHz,VGA video:380 Mhz,DVI video:165MHz
	Differential phase I/OS	<1.28°,3.58 MHz
	Differential phase error	0.1%, 3.58-4.43 MHz
	Differential gain error	0.1%, 3.58-4.43 MHz
	Switching speed	100 ns(The longest time)
	Signal type	VGA,S-video,COMP component video (YPbPr/YCbCr),Composite video (CVBS),DVI.
Video input	Interface	CV:RCA female connector, S-Video:S-Video terminal (Y-C terminal), VGA: 15-pin HD master interface, COMP: RCA female connector, DVI:DVI-D.
	Signal strength	11V pp: Y component video, S-video, composite video; 0.7Vpp: VGA (computer signal); 0.3V pp: CbCr component video, C of S-video, HDMI/DVI video.
	The minimum, maximum level of the analog signal	-2.0Vpp / +2.0Vpp
	Impedance	75 Ω
	Echo loss	<-30dB@5MHz
VGA video output	Horizontal frequency response	60-200KHz
	Vertical frequency response	10Hz-200Hz
	Interface	The DVI-I interface
The VGA synchronization signal	Minimum / maximum level	-2.0Vpp / +2.0Vpp
	Impedance	75 Ω
	Echo loss	<-40dB@5MHz
	DC compensation	Maximum ± 5mV
	Input / output signal types	RGBHV, RGBS, RGSB, RsGsBs, Composite video, Component video.
	Video format	NTSC 3.58,NTSC 4.43,PAL,SECAM
	Input level	Blu-ray player
	Output level	AGC-TTL: 5Vpp, unterminated
	Input impedance	510 Ω
	Output impedance	75 Ω
Maximum transmission delay	Horizontally 90ns vertical: 1 60ns	
The maximum rise / fall time	4ns	
Polarity	Positive or negative (completely consistent with the input)	

Specifications

The parameter name	SC-PIP202
Input and output interface	8 10PIN Phoenix joint/Unbalanced audio input of each road, unbalanced output of 1 2RCA joint
Gain	0 dB
Frequency response	20 Hz ~ 20 kHz
Total harmonic distortion + noise	0.05% @ 1 kHz (Rated voltage)
The signal-to-noise ratio (S / N)	>58dB
Stereo separation	>80dB @ 1 kHz
Common mode rejection ratio (CMRR)	>75dB @: 20 Hz ~ 20 kHz
Signal type	Stereo audio (unbalanced)
Impedance	Input:>10 kΩ (Balanced or unbalanced connection)Output:50 Ω (Unbalanced connection), 100 Ω (Balanced connection)
Maximum input level	+19.5dBu, (Balanced or unbalanced connection)
Gain error	±0.1dB @20 Hz ~ 20 kHz
The maximum output level	+19.5dBu, (Balanced or unbalanced connection)
MIC type	Moving coil type induction
Input sensitivity	25mV
Frequency response	50Hz-16K Hz
Type of joint	Mono input
Serial control interface	RS-232, 9- pin female D interface
The baud rate and protocol baud rate	9600, Data bits: 8, Stop bit: 1, No parity
Serial control interface structure	2 = TX, 3 = RX, 5 = GND
Power supply	100VAC-240VAC ~ 50/60 Hz, The adaptive power supply
Maximum power dissipation	100W
Temperature storage, use temperature	-20°C~ +70°C
Humidity storage, use humidity	10% ~90%
The weight of the product	1.9kg
The warranty	1 years of free warranty, life-long maintenance

System connection diagram

