

MSPG-925FU

Video Signal Generator

IMAGE



DEFINITION

- Analog was a main item in display device industries at the past time, but from now on, the digital is getting developed with multi-function and large-sized resolution. Preparing for this change, this signal generator is an essential equipment of CRT, LCD, PDP, TV, D-TV display device industries, which was made for generating analog signal, digital signal, and TV signal, D-TV signal, HDCP Code simultaneously and sufficiently examining a large-sized display device.

SPECIFICATION

H/V Frequency	Horizontal	10~200KHz / 2 Dot Resolution
	Vertical	10~200Hz / 1 Line Resolution
Analog Output	Display Size	4096 X 2048
	Pixel Clock	8~250MHz
	Video Level	R, G, B (Load 75 ohms, 0~1.0V Programmable)
	Output Connector	BNC, 15P D-Sub, DVI-I
	Separate Sync	HS, VS (4.8Vp-p)
DVI (TMDS) Output	Pixel Clock	25~165MHz (Single Link)
	Transfer Type	Single TMDS 24 Bit Input Mode
	HDCP	Support HDCP
	Compliant	DVI 1.0 Support
	Video Signal Type	RGB
	Output Connector	DVI-I
CVBS Output	Output Mode	* NTSC M,J (3.58MHz)
		* NTSC443 (4.4MHz)
		* PAL B,D,G,H,I (4.434MHz)
		* SECAM (For=4.406MHz / For=4.25MHz)
	Subcarrier Stability	25ppm (± 25 Hz / 1MHz)
	Video Output	Composite(BNC), S-Video
		* Signal : CVBS (Connector : BNC)
* Signal : Y/C (Connector : 4Pin-Mini Din)		
	Burst On/Off (NTSC, PAL)	
D-TV Output	Signal	Y, Pb, Pr
	Connector	BNC
	Time	480i/p, 576i/p, 720p, 1080i/p for ATSC and DVB Format

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Audio (Analog) Output	Frequency	* Right : 1KHz / * Left : 400Hz
	Level	1.5V ($\pm 0.1V$)
	Waveform	Sine Wave
	Number of Channel	2 Channels
	Connector	RCA
	Special Control Mode	Fix, Swap
Scart Output	Signal Mode	RF Input Mode, CVBS Mode, RGB Mode, Y/C Mode
	Connector	SCART 21Pin
Scan & Function Group	Scan Storage	9 Group (1 Group ; 35 Step)
	Function Storage	99 Group (1 Group ; 32 Step)
Data Storage Device	Timing	500 Timing
	Pattern	99 Pattern
General Specification	Power Consumption	AC 100~240VAC, 50/60Hz Auto Switch
	Operating Conditions	* Temperature : 0~40°C
		* 80% Humidity, Non-condensing
Dimension(WXDXH)	440 X 355 X 110mm, Weight : 5.7Kg	
Others	User Interface	* Front Panel Key Pad
		* RS-232C
		* Main Board Download Tool
		* Possible to Timing Parameter Edit

* All specifications are subject to change without any notice.

Remote Controller (Optional Product)

- You can use remote box in order to promote work efficiency, before operating remote box, first of all, check baud rate and protocol of communication.



• MSRC-004L

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