

MSPG-2000

Video Signal Generator

IMAGE



DEFINITION

- MSPG-2000, Video Signal Generator, was designed to test standard Panel and Multimedia Video Signal.
- Separated four(4) boards generate selected own(1) Time & Pattern and output to the each section with two(2) ports.
- It is support four(4) formats (ANALOG/TV/DTV/HDMI), TV & DTV is composed Multimedia Type and ANALOG & HDMI is composed Generator Type.
- The newest Multimedia Player function give user a solution to test multiple LCD TV, PDP TV and Project Production line.

SPECIFICATION

H/V Frequency	Horizontal	10~300KHz / 1 Dot Resolution
	Vertical	10~300Hz / 1 Line Resolution
Analog Output	Display Size	4096 X 4096
	Pixel Clock	8~200MHz
	Video Level	R, G, B (Load 75 ohms, 0~1.0V Programmable)
	Output Connector	15P D-Sub (2 Port)
	EDID	Read
	Separate Sync	HS, VS
	CVBS Output	Output Mode
Video Output		Composite, S-Video * Singal : CVBS, Y/C
Output Connector		RCA, 4Pin-Mini Din (2 Port)
Subcarrier Stability		25ppm (± 25 Hz / 1MHz)
Media		* Video : MPG, AVI, WMV, ASF, TP, VOB, MP4, TRP * Audio : MP3, WMA, AAC, PCM, AC3, WAV, BSAC, WMAPRO * Image : JPEG, BMP, PNG, GIF
Storage Capacity		2.5" HDD (80GB)
Note		USB Download
D-TV Output		Signal
	Connector	RCA (2 Channels)
	Time	480i/p, 576i/p, 720p, 1080i/p for ATSC and DVB Format
	Media	* Video : MPG, AVI, WMV, ASF, TP, VOB, MP4, TRP * Audio : MP3, WMA, AAC, PCM, AC3, WAV, BSAC, WMAPRO * Image : JPEG, BMP, PNG, GIF
	Storage Capacity	2.5" HDD (80GB)
	Note	Adjustable to 16:9, 4:3 aspect ratio USB Download

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HDMI (TMDS) Video Output	Compliant	HDMI 1.3 Version (CEC Support)
	Pixel Rate Range	25~165MHz (TMDS Clock : 25~225MHz)
	Standard Spec	EIA/CEA-861D
	Video Signal Type	RGB, YCbCr
	Pixel Encoding	RGB 444, YCbCr 444, YCbCr 422
	Data bit of RGB & YCbCr	8, 10, 12
	Color Space	RGB, BT-601, BT-709, xvYCC-601, xvYCC-709
	HDCP	Support HDCP 1.1 Version
	Output Connector	HDMI Type A (2 Port)
	Note	Support Deep Color & xvYCC, CEC always 'On'
General Specification	Power Consumption	AC 100~240VAC, 50/60Hz Auto Switch
	Operating Conditions	* Temperature : 0~40℃
		* 80% Humidity, Non-condensing
Dimension(WXDXH)	400 X 350 X 90mm, Weight : 4.6Kg	
Others	User Interface	Possible to Timing Parameter Edit
		RS-232C, PC EDIT Tool

* All specifications are subject to change without any notice.

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