

# MSPG-6000

Video Signal Generator for Individual Output

## 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.
- MSPG-6000 is consisted of individual output through & Signal Generator, and displaying each other TIME & PATTERN.
- It can be install by ANALOG, CVBS & S-VIDEO, SCART, DTV, HDMI, MEDIA PLAYER SLOT.
- **Additionally, User can design the slot type.**

## MODEL NAME OF SLOT (SEPARATE SALE)

M-600S Scart Slot	M-600C CVBS Slot	M-600Y DTV Slot	M-600A Analog Slot	M-600H HDMI Slot

# MSPG-6000

Video Signal Generator for Individual Output

## 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	8~250MHz
	Video Level	R,G,B (Load 75ohms) 0~1.0V Programmable
	Output Connector	BNC, 15P D-Sub
	EDID	Read
	Separate Sync	HS, VS (5.0Vp-p)
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( $\pm 25$ Hz/1MHz)
	Video Output	Composite(BNC), S-Video
		* Single: CVBS (Connector: BNC) * Signal : Y/C (Connector : 4Pin-Mini Din)
	Closed Caption (NTSC)	C1, C2, C3, C4 / T1, T2, T3,T4
	V-Chip	* MPAA Rating : G, PG, PG-13, R, NC-17, X * FCC Rating : TV-Y, TV-Y7, TV-G, TV-PG, TV-14, TV-MA
Teletext (PAL)	Teletext System B Level 1, 1.5	
D-TV Output	Signal	Y, Pb, Pr
	Connector	BNC
	Time	480i/p, 576i/p, 720p, 1080i/p for ATSC and DVB Format
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	RGB444, YCbCr444, YCbCr422
	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
	EDID	Read
	Output Connector	Type A, HDMI 3 Port
Note	Support Deep Color & xvYCC	
HDMI Audio Output	Sample Rate	32 / 44.1 / 48 / 88.2 / 96 / 176.4 / 192KHz
	Number of Channel	2 Channels
	Bit per Sample	24
	Waveform	Sine Wave
	Frequency Range	20Hz to 20KHz / 5Hz step
	Level Range	0mV to 2.0V / 100mV step
	Special Control Mode	Sweep, Swap, Mute

# MSPG-6000

Video Signal Generator for Individual Output

Audio (Analog) Output	Frequency Range	20Hz to 20KHz / 5Hz step
	Level Range	0mV to 2.0V / 100mV step
	Waveform	Sine Wave
	Number of Channel	2 Channels
	Connector	RCA
	Special Control Mode	Fix, Sweep, Swap
Scart Output	Signal Mode	RF Input Mode, CVBS Mode, RGB Mode, Y/C Mode
	Connector	SCART 21Pin
Media Player	CVBS	NTSC, PAL
	D-TV (YPbPr)	480i/p, 576i/p, 720p, 1080i/p
	Analog	15P D-SUB
	HDMI	1.2 Version (CEC Support)
	Video Format	MPG, AVI, WMV, ASF, TP, VOB, MP4, TRP
	Audio Format	MP3, WMA, AAC, PCM, AC3, WAV, BSAC, WMAPRO
	Image Format	JPEG, BMP, PNG, GIF
	Storage Capacity	3.5"HDD (250GB)
	Connector	CVBS(BNC), D-TV, ANALOG, HDMI, S-VIDEO
Data Storage Device	Timing	999 Timing (User:1~500, Default:501~999)
	Pattern	999 Pattern (User:1~500, Default:501~999)
	Compact Memory Card	512MB
General Specification	Power Consumption	AC 100~240VAC, 50/60Hz Auto Switch
	Operating Conditions	* Temperature : 0~40℃
		* 80% Humidity, Non-condensing
Dimension(WXDxH)	440 X 380 X 230mm, Weight : 11.5Kg	
Others	User Interface	* Front Panel (6.4 inch / Graphic LCD) Key Pad
		* Possible to Timing Parameter Edit
		* USB, RS-232C, PC EDIT Tool

\* All specifications are subject to change without any notice.

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