

# MSPG-6000

Video Signal Generator for Individual Output

## IMAGE



## DEFINITION

MSPG-6000은 8개의 출력 Slot이 독립된 회로로 구성되어 서로 다른 Time과 Pattern을 출력하는 신 개념의 신호발생기입니다.

총 8개의 Slot을 장착할 수 있으며 ANALOG, CVBS & S-VIDEO, SCART, D-TV, HDMI, MEDIA PLAYER Slot을 장착할 수 있습니다.

일반적인 Test뿐만 아니라 사용자가 수치 및 Spec을 바꾸어가면서 Test를 할 수 있도록 구성되었으며, 제품 뒷 부분이 Slot타입이라 Board의 탈.부착이 가능하며 실용성있게 사용할 수 있도록 만들어진 신호발생장비입니다.

Media Player 기능은 종전의 DVD영상 테스트를 신호발생기에서 가능하게 함으로써 생산라인에서 영상테스트시 번거로움을 극소화시켰습니다.

## 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
* 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.

전화. 055-297-8880 / 팩스. 055-256-7388

주소. 경남 창원시 팔용동 42-20번지 (우641-847)

Homepage. [www.Ltdmaster.com](http://www.Ltdmaster.com)

E-mail. [sales@Ltdmaster.com](mailto:sales@Ltdmaster.com) / [webmaster@Ltdmaster.com](mailto:webmaster@Ltdmaster.com)

Master Co., Ltd



Find Your Digital Solutions!