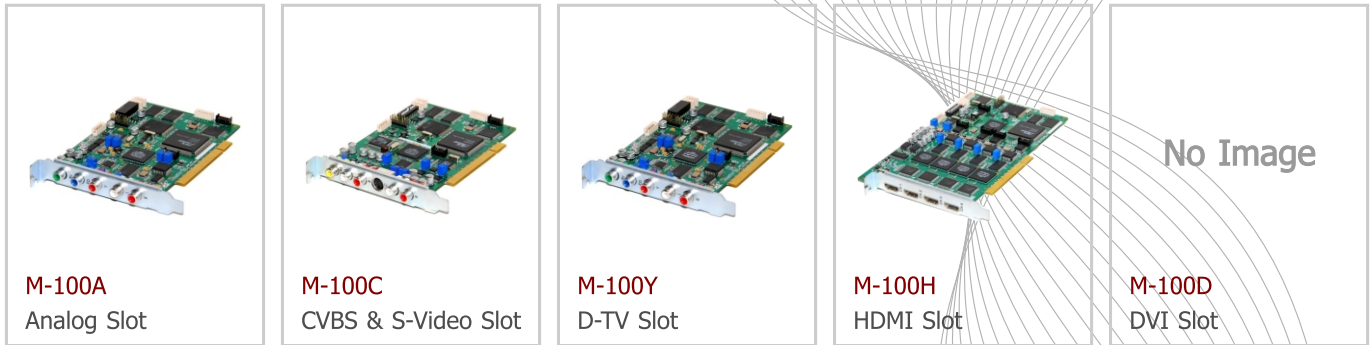


# MSPC-100A/C/Y/H/D

PC Slot Type Generator

## IMAGE



## DEFINITION

- MSPC-100A/C/Y/H/D, PCI Type Signal Generator는 사용자가 데스크탑에 탑재하여 사용할 수 있도록 설계되었으며, 슬롯 구성은 Analog, CVBS&S-Video, DTV, HDMI, DVI로 되어 있습니다.
- 이 제품은 마스타가 제공하는 PC프로그램(User Interface)으로 동작됩니다.

## SPECIFICATION

MSPC-100A Analog Slot	Video	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 (5.0Vp-p)
	Audio	Frequency Range	20Hz to 20KHz / 5Hz step
		Level Range	0mV to 2.0V / 100mV step
		Waveform	Sine wave
		Number of Channel	2 Channels
Connector	Stereo		
Special Control Mode	Fix, Sweep, Swap		
MSPC-100C CVBS & S-Video Slot	Output Mode		* NTSC M,J (3.58MHz)
	Data bit of RGB & YCbCr		* 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(RCA), S-Video
			* Signal : CVBS (Connector : RCA)
			* Signal : Y/C (Connector : 4Pin-Mini Din)
	Audio	Frequency Range	20Hz to 20KHz / 5Hz step
		Level Range	0mV to 2.0V / 100mV step
Waveform		Sine wave	
Number of Channel		2 Channels	
Connector		Stereo	
Special Control Mode	Fix, Sweep, Swap		

# MSPC-100A/C/Y/H/D

PC Slot Type Generator

MSPC-100Y D-TV Slot	Signal	Y, Pb, Pr	
	Connector	RCA	
	Time	480i/p, 576i/p, 720p, 1080i/p for ATSC and DVB Format	
	Note	Adjustable to 16:9, 4:3 aspect ratio	
	Audio	Frequency Range	20Hz to 20KHz / 5Hz step
		Level Range	0mV to 2.0V / 100mV step
		Waveform	Sine wave
		Number of Channel	2 Channels
Connector		Stereo	
Special Control Mode	Fix, Sweep, Swap		
MSPC-100H HDMI Slot	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 Bit	
	Color Space	RGB, BT-601, BT-709, xvYCC-601, xvYCC-709	
	HDCP	Support HDCP 1.1 Version	
	EDID	Read	
	Output Connector	Type A, HDMI 4 Port	
	Note	Support Deep Color & xvYCC	
	Audio	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	
External Audio Input		S/PDIF, Optical	
Special Control Mode		Fix, Sweep, Swap, Optical, Mute	
MSPC-100D DVI Slot	Pixel Clock	* Single Link : 25~165MHz	
		* Dual Link : 25~330MHz	
	Transfer Type	12 Bit Input Mode	
	EDID	Read	
	HDCP	Support Single & Dual	
	Compliant	DVI 1.0 Support	
	Output Connector	DVI-I	

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

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