

MSDP-602

DisplayPort Signal Generator



Front View



Rear View

Product Summary

The **MSDP-602** is a professional DisplayPort test instrument designed for testing monitors and TV equipped with DisplayPort interfaces.

Supporting **DisplayPort 1.3** the system is capable of testing video signals with resolutions up to **7680×4320@30Hz(8K)**, providing a reliable solution for the development, manufacturing, and quality verification of DisplayPort-enabled display devices.

Key Features

- Supports **DisplayPort 1.3 (HBR3)**
- Supports resolutions up to **8K(7680×4320@30Hz)**, **5K(5120×2160@60Hz)**, and **4K(3840×2160@120Hz)**
- Supports a wide range of **test patterns and timing formats (VESA / EIA-861F)**
- Supports **HDCP 1.3 and HDCP 2.2**
- **Button Lock** function
- Supports **RS-232C communication**
- **EDID Check ON** function (Audio is muted when EDID verification fails)

Specifications

Video Output	Output Ports	DISPLAYPORT 2Ports
	Video Output	DISPLAYPORT 1.3Ver (HBR3)
	Pixel Clock	HBR3, 1188MHz
	Resolution	8K (7680x4320@30Hz) 5K (5120x2160@60Hz) 4K (3840x2160@120Hz) CEA-861A and VESA Timing)
	HDCP	HDCP 2.2 & 1.4 support
	Output Format	RGB444, YCbCr444, YCbCr422, YCbCr420(8,10,12bit) 7680x4320@30Hz only 8bit
Audio Output	Number of Channel	2channels
	Sample Rate	48KHz
	Waveform	Sine Wave
	Frequency Range	20Hz to 24KHz / 5Hz step
	Level Range	0dB to -110dB / 0.5dB step
	Special Control Mode	Fix, Sweep, Swap, Mute
Date Storage	Timing	1~79 VESA timing (full range) 101~195 CEA 861G timing (Limit range) 201~248 color format / depth test timing (full range)
	Pattern	1~140
General Specification	Power Consumption	AC 100~240V, 50/60Hz
	Operating Conditions	*Temperature : 0~40℃ * 80% Humidity, Non-condensing
	Dimension(WxDxH) & Weight	285x262x75 (mm) / 2.5Kg

※ Note

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* Specifications and design are subject to change without prior notice