

**HDR**

**HDCP 2.2**

# Video Signal Generator

## VG-878-A

HDMI 2.0a Multi-Interface Signal Generator for production lines of TV and Projectors.



### Main Features

- HDMI 2.0a (6G) x 4 ports and analog interfaces.
- HDCP 2.2 test functions
- HDCP/CEC/EDID simultaneous check patterns

```

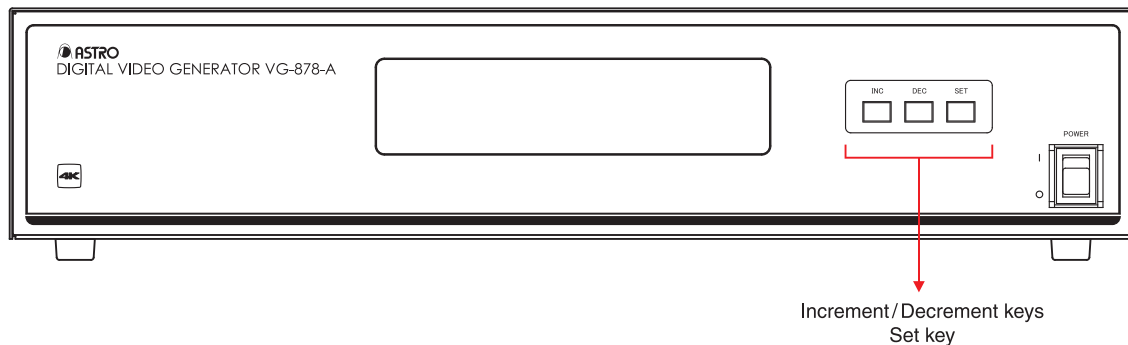
HDCP:  HDMI1: OK   HDMI2: NG
CEC:    HDMI1: OK   HDMI2: OK
EDID:   HDMI1: OK   HDMI2: OK   TVVGA1: OK
  
```

HDCP/CEC/EDID Test Pattern (option)

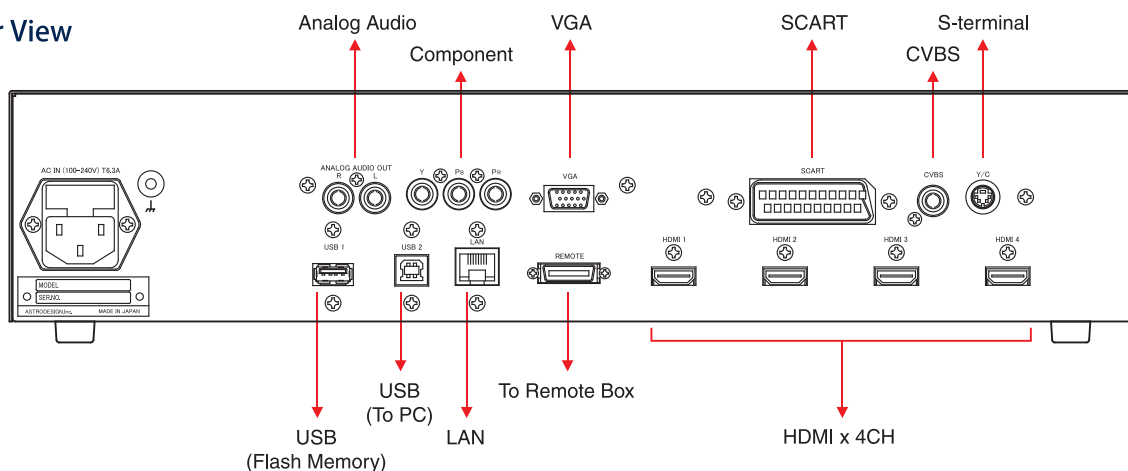
- HDR InfoFrame setting and test patterns
- Remote box RB-1870 or 1871 (option) operations/ PC control operations (Terminal command or SP-8870 software)

● Note: Timing data cannot be edit. It is possible to execute the timing that has been edit by VG-876 within the range of each interface specifications.

### Front View



### Rear View



## Specifications

	Output	Item	Descriptions
HDMI	HDMI	HDMI	Ver2.0a CEA-861-F
		Connector numbers	4CH
		Pixel Clock	25-594MHz
		Video Format	RGB, YCbCr 4:4:4/4:2:2/4:2:0
		Color Depth	8, 10, 12, 16-bit
		HDCP	Ver1.4, 2.2
		CEC	Supported
		E-EDID	Ver1.4 (DDC 2B)
	HDMI Audio	Channel	8ch
Analog	VGA	Connector	D-sub 15 pin
		Standard	1080i/p (SMPTE 274M), 720p (SMPTE 296M), 525p (SMPTE 293M), 625p (ITU-R BT.1358), VESA
	Component	Connector	RCA (YPbPr/RGB)
		Standard	1080i/p (SMPTE 274M), 720p (SMPTE 296M), 525p (SMPTE 293M), 625p (ITU-R BT.1358)
	Composite	Connector	CVBS, S-terminal
		Standard	NTSC-M/J/443, PAL-B/D/G/H/I/M//Nc
	Scart	Standard	1080i/p (SMPTE 274M), 720p (SMPTE 296M), 525p (SMPTE 293M), 625p (ITU-R BT.1358) NTSC-M/J/443, PAL-B/D/G/H/I/M//Nc
	Analog Audio	Connector	RCA (L/R)
	External Control	PC connection	LAN, USB (terminal command or SP-8870 control software)
		Remote	Remote box (RB-1870 or RB-1871) as option
Storage		USB flash memory (one piece attached) or internal memory (about 60Mbyte)	

## General Specification

Power Requirements	AC100-240V (50/60Hz)
Power Consumption	TBD (about 120W)
Dimensions	TBD (430(W) x 88(H) x 360(D)mm (Excluding Protrusions))
Weights	TBD (about 5 kg)
Operating Temperature Range	5 to 40°C
Operating Humidity Range	30 to 80%RH (no condensation)

## Option Pictures

### Ultra-high definition/wide-color-gamut standard test images



#### VT-7007

- 4K (3840 x 2160) and 8K (7680 x 4320) with ITU-R BT.2020 compliant (12-bit)
- 2K (1920 x 1080) with ITU-R BT.709 compliant (10-bit)
- 10 images are provided.



No.3 Moss



No.4 Kimono



No.10 Ship

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<http://www.ite.or.jp/en/c/?p=guidline>

\* The specifications are subjected to change without notice.