

VG-853 Digital TV Format Signal Generator



Digital TV Format (Supporting 18 Formats of ATSC Standards)

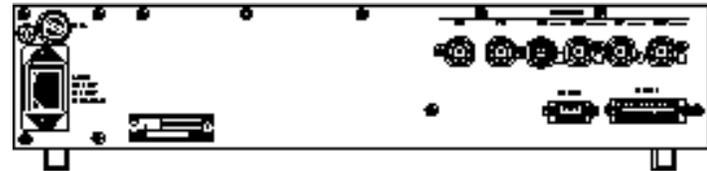
VG-853 is a signal generators that allows to switch the next generation TV format (18 ATSC formats including 1080p, 1080i, and 720p) timings by single touching a key and to output signals. The preset timings include more than 100 computer timings (up to 400 MHz) for monitoring multiple scanning, and any desirable timing can be selected and used. This proves to be an exceptionally useful tool in development, production, inspection, etc. of the next-generation multi-television display.

Features

- ✦ The next generation TV formats supported.
- ✦ Switching between RGB output and color difference output by a single touching possible.
- ✦ Three-level synch output.
- ✦ Preinstalled with a wide range of sample data from those for the class out of NTSC to ultra-high-resolution signals with 2048 x 2048 dots.



Background view



SPECIFICATIONS

Output specifications	Digital TV format	1080p, 1080i (SMPTE 274M compliant)
		1035i (SMPTE 240M compliant)
		720p (SMPTE 295M compliant)
		480p (SMPTE 293M compliant) others
	Computer timing	VGA, SVGA, XGA, SXGA, UXGA (VESA compliant)
	Other signals (containing signals with a max. resolution of 2048 x 2048)	
	Pattern	Monoscope, circular zone plate, character, crosshatch, circle, color bar, gray scale, natural image, special patterns, etc.
	Output (BNC)	Video: RGB or color differential signal (switch) ON/OFF selectable Sync: ON/OFF selectable for HS, VS, CS. ON/OFF selectable. ON/OFF switchable to video line
General specification	Voltage	100 to 240 V (50/60 Hz)
	Power consumption	200W Max.
	Operating temperature range	5 to 40°C
	Storage temperature range	-10 to 50°C
	Operating humidity range	30 to 90 % (no condensation)
	Dimensions	430(W) x 88(H) x 430(D) mm (excluding projected parts)
	Weight	11 Kg