

PG-401/ PG-401L



The model PG-401 series TV Color Pattern Generators are designed for servicing and testing monitors and televisions of NTSC or PAL type. The PG-401 has full field color bars and raster in four colors for testing purity and white balance. Its compact handheld design makes operation easy with a push button digital display. This unit comes complete with its own carrying case, RF cable, video cable, rechargeable Ni-Cd batteries, charger, AC-DC adapter and an operator's manual.

FEATURES

- Easy channel selection by push button and digital display
- Auto power-off
- Full field color bars for servicing and testing TV, VTRs
- RF output for all channels
- Compact, light weight and battery operated
- Raster in 4 colors for testing purity, white balance.
- Ni-cd battery, Charger, Carrying case and AC-DC adapter, RF jack and cable included

SPECIFICATIONS

SPEC		MODEL	PG-401(NTSC)	PG-401L(PAL)
Patterns	Full field color bars		75% white, Yellow, Cyan, Green, Magenta, Red Blue and Black(From the left side of the screen)	
	Crosshatch		15(V) x 12(H), White lines on a black back ground	
	Dots		Intersection of 12(V) x 15(H) Cosshatch lines With White dot on black back ground	
	Corner Marker		White window at upper right of the screen	
	Raster		White, Red, Green and Blue Raster	
RF Output	Frequency	VHF Low	55.25 ~ 83.25MHz	41.2562.25MHz/49.75 to 85.25MHz
		VHF High	175.25 ~ 211.25MHz	175.25 to 224.25MHz/168.25 to 216.25MHz
		UHF	471.25 ~ 885.25MHz	471.25 to 855.25MHz to 471.25 to 863.25MHz
	Output Level	VHF	1mVrms min	
		UHF	0.5mVrms min	
Modulation		AM minus		
Sound Signal	Carrier Frequency		4.5MHz ± 20kHz	
	Sound Frequency		Approx.1kHz	
	Carrier Output		ON/OFF Switchable	
Video Signal	Output Level		1Vp-p, 75 Ω Termination, AC coupling within ±6V	
	Output Impedance		75 Ω , F Type Connector	
Synchronizing Signal	Horizontal Frequency		15.734kHz	
	Vertical Frequency		59.94Hz	
	Equalizing Pluse		Provided	
	Scan		Interlaced Scanning	
	Sub carrier Frequency		3.579545MHz ± 200Hz	
General	Power Requirement		DC 9V(6 "AA" Batteries)	
	External Power		AC-DC Adapter(9VDC/300mA)	
	Size		80(W) x 172(H) x 36.5(D)	
	Weight		Approx. 380g with Batteries	
Accessories		Carrying Case(1), Ni-cd rechargeable Battery(6), RF Cable(1), Video Cable(1), AC-DC Adapter(1), Operator's Manual(1)		