

RF SIGNAL GENERATOR

SG-8550



■ FEATURE

- Synthesized Signal Generator (CW, FM & AM)
- Wide Frequency Range : 100KHz~1100MHz
- Cover all VHF Band from 100KHz~1100MHz
- Store up to 100 point of frequency, output level and modulation value in nonvolatile memories
- Compact size & light weight
- PC-remote control by RS-232C (Option)
- Reverse power protector(MAX. 50W)
- Digital Radio Paging format Encoder : POCSAG (Option)
- For production of TV sets, FM & AM Radio, Cordless Telephone Set, Pager, Telecom Equipment, Car Audio Sets and CB Radio

■ Technical Specification

Function		Specification		
Frequency	Range	100KHz~1100MHz		
	Display	16×2 LCD		
	Resolution	1KHz(100KHz~500MHz), 2.5KHz(500MHz~1100MHz) / 100Hz(Optional)		
	Accuracy	±1.0×10(-6)		
Output Level	Range	-14dBuV~128dBuV EMF at 100MHz		
	Display	16×2 LCD		
	Resolution	0.1dB		
	Accuracy	±1.5dB>-37dBm, ±(1.5dB+0.1dB/10dB)≤ -37dBm		
	Impedance	50Ω		
	VSWR	±1.2dB at 0dBm		
	Flatness	≤ -25dBc		
	Hamonics	FM	< 5Hz	(CF : < 175MHz)
	Residual Modulation		< 10Hz	(CF : < 175MHz~550MHz)
			< 20Hz	(CF : < 550MHz~1100MHz)
Reverse Power Protection	AM	< -65dBc		
Modulation	Internal	1KHz or 400Hz ± 2%		
	External	Impedance	100 kΩ Unbalanced	
		Input Lever	0~2Vrms	
		Frequency Range	FM 20Hz~100KHz, AM 20Hz~10KHz	
		Frequency Response	within ± 1dB (1KHz reference)	
	FM	Range	0.0~100KHz	
		Resolution	0.1KHz	
		Accuracy	±6% at internal rate	
		Distortion	less than 1% by 1KHz AF signal	
	AM	Range	0.0~99.9% (≤ 6dBm)	
Resolution		0.1%		
Accuracy		±6% at internal rate		
Distortion		< 5%		
Options	PC-Remote Control by RS-232C			
	POCSAG FORMAT			
	100Hz Resolution			
AC Power		100/220V ± 10%, 50/60Hz		
Others	Dimension(mm)	: 134(H)×300(W)×330(D)		
	Weight	: Approx. 8.5Kg		