

# RF SIGNAL GENERATOR

## SG-8150/SG-8150S



### ■ FEATURE

- Synthesized Signal Generator (CW, FM & AM)
- Wide Frequency Range : 100KHz~220MHz
- Cover all VHF Band from 100KHz~220MHz
- Store up to 100 point of frequency, output level and modulation value in non-voltage memories
- Compact size & light weight
- Reverse power protector(MAX. 50W, Option)
- FM-Stereo (SG-8150S)
- 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~220MHz		
	Display	16×2 LCD		
	Resolution	100Hz(100KHz~500MHz), 500Hz(500MHz~220MHz)		
	Accuracy	±1.0×10 <sup>(-6)</sup>		
Output Level	Range	-20dBuV~100dBuV at open circuit		
	Display	16×2 LCD		
	Resolution	0.1dB		
	Accuracy	Less than ±1dB (0dB~100dB), less than ±2dB(below 0dB)		
	Impedance	50Ω		
	Spurious & Harmonics	Less than -30dBc under 110MHz		
Modulation	Internal	1KHz or 400Hz ± 2%		
	External	Impedance	100 kΩ Unbalanced	
		Input Level	0~2Vrms	
		Frequency Range	FM 20Hz~100KHz, AM 20Hz~10KHz	
		Frequency Response	within ± 1dB (1KHz reference)	
	FM	Range	0.0~100KHz	
		Accuracy	±3%	
		Distortion	<0.1% at full range with 75KHz DEV.	
		Step	0.1KHz	
	AM	Range	0.0~60%	
		Accuracy	±5%	
		Distortion	<0.5% for 30% by 1KHz AF Signal at 100dBuV EMF <1.5% at the other range	
Step		0.1%		
Options	PC-Remote Control by RS-232C			
	Reverse Power Protection (MAX. 50W)			
	POCSAG FORMAT			
AC Power		100/220V ± 10%, 50/60Hz		
Others	Dimension(mm)	: 134(H)×300(W)×330(D)		
	Weight	: Approx. 8.5Kg		

**NOTE : The specification will be changed without notice.**