

Audio Generators

GW INSTEK

GAG-809 / GAG-810

- 10Hz ~ 1MHz.
- 0.02% Sine Wave Distortion on Model 810 (0.1% on Model 809).
- External Sync Function.



		GAG-810	GAG-809
Sine Wave Characteristics	Frequency Range Frequency Indicator Frequency Accuracy Output Voltage Frequency Response	10Hz ~ 1MHz, 5 Ranges Dial Scale ± (3% + 1Hz) 5 Vrms (600Ω Load) 10Hz ~ 1MHz ± 0.5dB (at 600Ω Load) Reference Frequency (1kHz)	
	Distortion Factor	500Hz ~ 20kHz; < 0.02% 100Hz ~ 100kHz; < 0.05% (x 10 Range for 100Hz, x 1k Range for 100kHz)	500Hz ~ 20kHz; < 0.1% 100Hz ~ 100kHz; < 0.3% (x 10 Range for 100Hz, x 1k Range for 100kHz)
		50Hz ~ 200kHz; < 0.3% 20Hz ~ 500kHz; < 0.5% 10Hz ~ 1MHz; < 1.5%	
Square Wave	Output Voltage Overshoot Rise & Fall Time Duty Ratio	10Vp-p or More (No Load) 2% or Less (at 1kHz, Max Output) <200nS 50% ± 5%	
Ext. Synchronisation	Synchronizing Range Max. Allowable Input Input Impedance	± 1% / Vrms 15V (DC + AC Peak) 150kΩ	
Output	Output Impedance Output Attenuator	600Ω 0, -10, -20, -30, -40, -50dB 6 Ranges (Accuracy ± 1dB at 600Ω Load)	
General	Power Source Accessories Dimensions Weight	AC 100 / 120 / 220 / 230 V ± 10%, 50/60Hz Instruction Manual x 1, Power Cord x 1, GTL-103 x 1 130mm (W) x 210mm (H) x 292mm (D) 3kg	

ORDERING INFORMATION

GAG-810	1MHz Audio Generator with 0.02% Low Sine Wave Distortion.
GAG-809	1MHz Audio Generator.