

Audio Generator



GAG-810 (1MHz)



FEATURES

- * Frequency from 10Hz ~ 1MHz
- * 0.02% Low Sine wave Distortion
- * 6 Steps Output Attenuator
- * EXT SYNC Function

SPECIFICATIONS

SINE WAVE CHARACTERISTIC	
Frequency Range	10Hz ~ 1MHz, 5 Ranges
Frequency Indicator	Dial Scale
Frequency Accuracy	$\pm 5\% + 1\text{Hz}$ (at x10, x100)
Output Voltage	5 Vrms (600 Ω load)
Frequency Response	10Hz ~ 1MHz $\pm 0.5\text{dB}$ (at 600 Ω load)
Distortion Factor	Reference Frequency (1kHz)
	500Hz ~ 20kHz : $\leq 0.02\%$
	100Hz ~ 100kHz : $\leq 0.05\%$
	(x 10 range for 100Hz, x 1k range for 100kHz)
	50Hz ~ 200kHz : $\leq 0.3\%$
	20Hz ~ 500kHz : $\leq 0.5\%$
	10Hz ~ 1MHz : $\leq 1.5\%$
SQUARE WAVE	
Output Voltage	$\geq 10\text{Vpp}$ (no load)
Overshoot	$\leq 2\%$ (at 1kHz, max output)
Rise & Fall Time	$< 200\text{ns}$
Duty Ratio	50% $\pm 5\%$
EXT. SYNCHRONIZATION	
Synchronizing Range	$\pm 1\%/V_{\text{rms}}$
Max. Allowable Input	15V (DC + AC peak)
Input Impedance	150k Ω
OUTPUT	
Output Impedance	600 Ω
Output Attenuator	0, -10, -20, -30, -40, -50dB
	6 ranges (accuracy $\pm 1\text{dB}$ at 600 Ω load)
POWER SOURCE	
AC 100/120/220/230V $\pm 10\%$, 50/60Hz	
DIMENSIONS & WEIGHT	
130(W) x 210(H) x 292(D)mm, Approx 3 kg	

ORDERING INFORMATION

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

ACCESSORIES :

User Manual x 1, Power cord x 1, Test lead GTL-103 x 1