

Audio Generators: [AG-2601A](#) | [AG-2603AD](#)

AG-2601A: Audio Generator (10Hz ~ 1MHz)



Description

The oscillation frequency range of this Audio Generator is usually between voice frequency band and super voice frequency band. Its main function is to measure the characteristics of Audio Circuit. A higher performance Audio Generator is definitely able to meet the demands of a versatile environment. AG-2601A is a portable type Audio Generator with 600 ohm output impedance, all band voltage floating ± 1 dB, low distortion output wave from 0.05%, high output voltage, stable oscillation circuit loop and minimum frequency floating.

Features

- High frequency stability: within ± 2 Hz.
- Output Voltage Floating: within ± 1.5 dB
- Sine wave signal output: more than 8 Arms.
- Equipped with synchronized input terminal of signals enables the high power output signals to be accurately controlled by small signals.

Specifications

Frequency Range: 10Hz ~1 MHz 5 decade bands

Accuracy: 10Hz ~1MHz $\pm (5\% + 2\text{Hz})$ 100Hz ~100KHz $\pm (3\% + 2\text{Hz})$

Output Impedance: 600 Ω unbalanced

Output Control: 0dB/-20dB/-40dB and Fine adjuster.

Sine Wave Output

Range: 10Hz ~ 1MHz

Output Voltage: 8Vrms, max.

Output Distortion: Less than 0.05% 500Hz ~50KHz, Less than 0.5% 50Hz ~ 500KHz

Output Flatness: ± 1.5 dB (1 KHz)

Square Wave Output

Range 10Hz ~ 100KHz

Output Voltage: 15Vp-p or more

Rise Time 0.5 μ S

Synchronization

Range: ± 1 % of oscillator frequency per Vrms.

Input Impedance: Approximately 10 K Ω

Maximum Input: 10Vrms

Power Requirement: AC 115/230V $\pm 10\%$, 50/60Hz, 3VA

Dimensions & Weight: 150(H) x 250(W) x 130(D)mm, Approx.2.5kg

Accessories: Test lead 1 Ground lead 1