

**B850**

- **B850 Audio Generator**
 - Wide 10Hz to 1MHz Frequency range
 - Low distortion Sine wave and Square wave output
 - Lightweight, Rugged construction
 - Frequency setting via large frequency dial
- Ideal for classroom or audio bench

SPECIFICATIONS

[B850]

Output Characteristics

Frequency Range: 10Hz to 1MHz in 5 ranges

Frequency Accuracy:

10Hz to 1MHz: $\pm 5\%$

100Hz to 100KHz: $\pm 3\%$

Amplitude: > 20V P-P open circuit; > 10V P-P into 600 Ω

Output Impedance: 600 Ω

Output Attenuation: 0dB, 20dB, 40dB steps and fine adjustment attenuator control

Sine Wave Characteristics

Distortion:

< 0.05% from 500Hz to 50KHz

< 0.5% from 50Hz to 500KHz

Square Wave Output

Frequency Range: 10Hz to 100KHz

Output Voltage: > 15V P-P

Rise Time: < 500ns

External Sync Input

Input Impedance: Approx. 10K Ω

Max. Input Voltage: 10V RMS

General Specifications

Power Requirements: 115/230V $\pm 10\%$

Frequency: 48Hz to 66Hz

Power Consumption: 3VA

Size: 6.0" H \times 10.0" W \times 5.0" D

Weight: 5.5 lbs

Supplied Accessories: Manual, Line cord, Test leads