

LS 106 : Loudspeaker Sweep Tester

Sine/sweep, 40W power

Highlights

- * Low distortion continuous sine & swept frequency waveforms
- * Precision & stability of frequency generation
- * 40W rms (in 4 Ω) * digital level control * Line output
- * User settable limit for output voltage (for safety of low power speakers)
- * LCD display for output signal's frequency & Voltage level (with bar graph)



Audiolec's LS 106 is a Sine/Swept Frequency Generator for **Sweep Test** of loudspeakers, drivers, horns, Headphones. LS 106 can also be used as a powered Audio Signal Generator in testing audio circuits and devices like Crossover Networks, LMTs.

Continuous sine frequency can be varied through either key pad or external rotary control. Output level is varied digitally through keypad. An external keypad is provided for convenience of operation.

A **16 x 2 backlit LCD display** shows values of output signal frequency and open circuit (no load) voltage level, V_o . With 0.1 ohm output resistance of amplifier, Actual voltage on speaker is within 2% of displayed value. **Line-Output**, max. 150mV, provides signal for feeding into any external amplifier.

Specifications:

Max Power Output	>40W rms into 4 Ohms load
Frequency range	10 Hz to 32 KHz
Output waveform	continuous Sine/ Swept Frequency
THD	< .5% @40W, 4 Ohms load, 1 KHz
Frequency accuracy	< .05% of displayed value
V_o (open circuit) accuracy	< (1% + .01V)
Operating Power	230V +/- 10%, 50Hz mains
Environmental	Operating temperature: 10° -50°C, Humidity<90% NC
Mechanical	Dimensions: Weight:

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