

Model 5900 Power Oscillator



General Description

The Model 5900 is a high general purpose audio generator.

The circuit consists of a low distortion oscillator, a drive amplifier, and a bipolar FET class AB1 power amplifier with an output transformer.

The output transformer has three taps to allow utilization of the full power over a wide range of voltages.

A frequency counter and output voltmeter are built in. Electronic overload protection is provided that limit the power into a short circuit to a safe value.

Specifications

Input Power:	120V AC 50Hz/60Hz (Unless Otherwise Specified)
Output Volts:	Low Range 0 to 8.5 V rms. @ 8.2 A Middle Range 0 to 38 V rms. @ 1.8 A High Range 0 to 130 V rms. @ .53 A 0 to 260 V rms. on request
Regulation:	0.1% line and load
Distortion:	0.3% mid band
Output Power:	Maximum 70 VA Continuous 50 VA
Frequency Response:	45Hz to 20 KHz
Frequency Accuracy:	0.1%
Dimensions:	12.25" X 5.25" X 12.5"
Weight:	23 lbs