

# Audio Frequency Signal Generator

## Instructions for Use

### General Description

The unit is a microprocessor controlled audio signal generator. Its output is designed for display on a suitable oscilloscope. It also has a low power speaker output suitable for a small 8-ohm loudspeaker.

The unit is switched on by plugging in the supplied power supply. It defaults to sine wave output (shown by the appropriate yellow led illuminating) at 1Kz. To reduce or increase the frequency the up down buttons should be used. Pressing the select button will cycle the output through the various waveforms, namely sine, square, triangle or sawtooth at the set frequency.

The speaker output is at a fixed volume, which may not be altered.

**Please note:** Only use the green speaker sockets to connect the loudspeaker. If you parallel a speaker with an oscilloscope in the output sockets the amplitude will reduce significantly and the waveform will severely distort.

### Specification

Power Supply	12V d.c. fitted with 3.5mm jack plug – tip positive
Speaker Output Power	1W r.m.s.
Frequency Range	1Hz – 35KHz

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