

SPECIFICATIONS
FOR
AUDIO OSCILLATOR
Model **O G - 438 L**

Onsoku ELECTRONIC CORPORATION

1. GENERAL DESCRIPTION

The OG-438L audio oscillator is designed for performance tests of headphone units and small loudspeakers. It has up-going/down -going repetitive sweeping in addition to normal manual oscillation frequency control.

The oscillation frequency and output voltage are digitally displayed.

2. SPECIFICATIONS

1) Oscillator

Oscillation Frequency Range : 20Hz to 20kHz

Maximum Output Voltage : 3Vrms

Maximum Output Power : 1W (at 8 Ω load)

Load Impedance : 4 Ω or greater

Output Level Deviation : Within ± 0.5 dB

Distortion : Less than 0.4% in the frequency range of 100Hz to 10kHz at 47 Ω load, 1V

Less than 0.5% in the frequency range of 20Hz to 20kHz at 47 Ω load, 1V

Less than 0.5% in the frequency range of 50Hz to 10kHz at 8 Ω load, 1V

2) Automatic Sweeping

Sweeping Operation : Repetitive up-going oscillation, logarithmic sweeping

Sweeping Time : 1 second to 5 seconds (20Hz to 20kHz)

Start Frequency : 20Hz to 6kHz

Stop Frequency : 500Hz to 20kHz

3) Output Terminals : Binding post type, accept tip plug

4) Output Displays

Output Voltage Digital Display : 3-digit with a range selector toggle switch of 3.00V and 0.30V,
 $\pm (2\% + 1)$ dgt (at 1V reading)

Frequency Digital display : 4-digit, ± 1 Hz or less (at 1000Hz)

5) Remote Start : Sweeping starts with remote control terminals shorting

6) Power Requirements

Power Voltage : AC 100, 120, 200, 210, 220, 230 or 240V $\pm 10\%$ 50/60Hz

One of the above voltage is set at the time of shipment from the factory
accordance with user's requirement.

Power Consumption : 10VA

7) Dimensions and Weight : 250(W) \times 130(H) \times 160(D) mm, 3.5kg

Specifications are subject to change without notice.

5. EXTERNAL VIEW

