

Audio oscillator

MODEL OG-438AL

Summary

Model OG-438AL is a headphone, headphone unit and micro speaker test oscillator.

Appearance figure



Features

- The sweep signal for operation inspection can be selected from auto sweep and manual sweep.

(The automatic sweep is a repetitive sweep from the start frequency to the stop frequency.)

【Oscillator specification】	
Oscillation frequency range	10Hz to 20kHz
Accuracy of frequency dial calibration	$\pm (8\%+2)$ Hz
Power amplifier output	1W (8 Ω load impedance)
Output level deviation	Within ± 0.5 dB
Distortion rate	100Hz to 10kHz within 0.4% (32 Ω load impedance 1Vrms) 10Hz to 20kHz within 0.5% (32 Ω load impedance 1Vrms) 100Hz to 10kHz within 0.5% (8 Ω load impedance 1Vrms) 10Hz to 20kHz within 0.8% (8 Ω load impedance 1Vrms)
【Sweep operation】	
Sweep	Up repeat log sweep (Repeat from start frequency to stop frequency)
Sweep time	0.5sec to 10sec
Sweep off time	0.2sec
Start / frequency range	10Hz to 20kHz
Start setting frequency range	10Hz to 3kHz
Stop setting frequency range	500Hz to 20kHz
【Other part】	
Temperature range	5 $^{\circ}$ C to 40 $^{\circ}$ C
Humidity range	5% to 90% (No condensation)
Power source	AC 100, 110, 120, 220, 230, 240V $\pm 10\%$ (internal conversion) 50Hz/ 60Hz specified by user when shipped
Consumption	About 20VA
Dimension / Mass	250(W)mm \times 130mm(H) \times 160mm(D) Excluding projections / About 3.5kg

Specifications are subject to change for improvement

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