Speaker test oscillator with polarity checking

MODEL　OG-431A

Summary

Model OG-431 is a speaker test oscillator.

Speaker polarity inspection and operation inspection with sine wave sweep signal can be performed with one unit.

Appearance figure



Features

- The polarity is automatically judged during the sine wave operation test, and if the polarity judgment is NG, the sine wave output is stopped.
  Since the operation test cannot be continued, it is possible to reliably detect defective polarities.
- The operation test and polarity test can also be used separately.
- The sweep signal for operation inspection can be selected from auto sweep and manual sweep.
- The frequency dial during manual sweep covers 10Hz to 20kHz at a rotation angle of 200°.
  Since there is no troublesome frequency range switching, operation test is possible with one rotation.

【Oscillator specification】	
Oscillation frequency range	10Hz to 20kHz
Accuracy of frequency dial calibration	±(8%+2)Hz
Power amplifier output	20W (2Ω to 8Ω load impedance)
Output level deviation	With in ±0.5dB
Distortion rate	100Hz to 10kHz　less than　0.2%　/　10Hz to 20kHz less than 0.4%
【Sweep operation】	
Sweep time	1sec to 10sec
Sweep off time	0.2sec
Start / frequency range	10Hz to 20kHz
【Polarity judgement】	
Judgement frequency without a click	90Hz
Judgement frequency with a click	500Hz to 20kHz
Continuous polarity judgment	20Hz to 20kHz
【Other part】	
Temperature range Humidity range	5℃ to 40℃ 5% to 90% (No condensation)
Power source Consumption	AC 100, 110, 120, 220, 230, 240V ±10% (internal conversion) 50Hz/ 60Hz　specified by user when shipped About 80VA
Dimension　/　Mass	340(W)mm×120mm(H)×270mm(D) Excluding projections　／　About 7.7kg
Accessories	Power cord　1pc. Small-type microphone　1pc.

Specifications are subject to change for improvement

Onsoku

©2020 **Onsoku Electronic Corporation**

http://www.onsoku.co.jp