

Signal Generator/Counter

Model: SG-4162AD



Description:

The Lodestar SG4162AD is a Signal Generator & Counter it does between 100KHz to 150KHz and it comes with RF & Audio Output. It is a compact solid state build-in oscillator & contour function designed for the hobbyist, service bench and the technical instruction.

Specifications:

- Oscillator Section
 - Frequency Range: (up to 450MHz on 3'th harmonics)
 - A: 100KHz ~ 320KHz.
 - B: 300KHz ~ 1,100KHz.
 - C: 1MHz ~ 3.3MHz.
 - D: 3.0MHz ~ 11MHz.
 - E: 10MHz ~ 35MHz.
 - F: 32MHz ~ 150MHz.
 - Frequency Accuracy: By counter section accuracy.
 - RF Output: 100mVrms, approx (up to 35MHz).
 - Output Control: High-low switch and fine adjuster.
 - Modulation:
 - INT. 1KHz (AM) 30% approx.
 - EXT. 50Hz ~ 20KHz, at less than 1Vrms input.
 - Audio Output: 1KHz, Min. 2 Vrms (fixed).
 - Crystal Oscillator: For 1 ~ 15MHz crystal in type HC-6u holder (not included).
- Counter Section
 - Frequency Range:
 - 10Hz to 150MHz.
 - HF 10 Hz to 10MHz.
 - VHF 10MHz to 150MHz.
 - Accuracy: ± 1 count, $\pm$ reference time accuracy.
 - Gate Time: 0.1 sec and 1 sec.
 - Input Sensitivity: 10Hz ~ 150MHz 35mV ~ 50mV.
 - Input Impedance: HF1M Ω VHF50 Ω .

- MAX Input Voltage: Less about 3V effective.
- Reference Time Frequency: 10MHz.
- Reference Time Accuracy:
 - 5×10^{-5} (50ppm) 0°C to 40°C .
 - 1×10^{-5} (10ppm) $23^{\circ}\text{C} \pm 3^{\circ}\text{C}$.
- Display: Decimal 6 digital LED.
- Power Requirement: AC 115 / 230V, 50 / 60Hz Approx 4VA.
- Dimensions & Weight:
 - 215 (H) x 120 (W) x 220 (D) mm.
 - Approx 1.6kgs.

More Detailed Photos:



Made in Taiwan