

ZN1062 Standard Signal Generator - Product Datasheet

Manufacturer: Beijing Daze Technology Co., Ltd.



1. Product Overview

Model: ZN1062
Type: Standard Signal Generator

The ZN1062 standard signal generator utilizes DDS digital frequency synthesis technology to provide highly accurate and stable signal generation. It features an LCD display for easy visualization of frequency and voltage parameters and is fully keyboard-controlled for ease of operation. The device has an automatic level control circuit, ensuring stable output across the entire frequency range. It is suitable for use in factories, schools, research institutions, and for testing various receivers and amplifiers.

2. Technical Specifications

Parameter	Specification
Carrier Frequency Range	10kHz - 5MHz
Carrier Frequency Accuracy	±0.005%
Carrier Frequency Stability	5×10 ⁻⁶ /hour
Spurious Suppression	≥30dB
Output Voltage Range	10dB - 120dB (1μV, 50Ω matched load)
Frequency Response	≤±2dB (measured at 120dB output)
Attenuation Range	0 - 120dB (±1.5dB)
Power Supply	AC 220V ±10%, 50Hz ±2Hz
Power Consumption	<20W
Operating Conditions	Temperature: 0°C - 40°C, Humidity: 20% - 90% RH, Pressure: 86 - 106kPa
Dimensions	260mm × 275mm × 110mm
Weight	≤4.5kg

3. Key Features

- **DDS Technology:** Ensures high frequency accuracy and stability.
 - **Automatic Level Control:** Maintains stable output levels across the frequency range.
 - **User-Friendly Interface:** Fully keyboard-controlled with an LCD display for frequency and voltage settings.
 - **Wide Application:** Ideal for research, industrial production, and educational testing purposes.
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4. Standard Accessories

Item	Quantity
ZN1062 Signal Generator (Main Unit)	1 unit
Certificate of Conformity	1 copy
User Manual	1 copy
BNC/BNC Cable	1 unit
Power Cable	1 unit

5. Operating Instructions

- Frequency Setting:**
Press the "Frequency" button and use the numeric keys or dial to adjust the output frequency. You can also use the arrow keys to move the cursor for step frequency adjustments.
 - Amplitude Setting:**
Press the "Amplitude" button to set the output level using either the numeric keys or the rotary dial. The arrow keys allow you to adjust the step amplitude.
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6. Warranty

- **Warranty Period:** 18 months from the date of shipment.

7. Product Photo



Contact Information:

Beijing Daze Technology Co., Ltd.

Phone: 010-64357789

Fax: 010-64373942

Website: www.zn734.com.cn

Email: 781920339@qq.com