



JHA5400 Arbitrary Waveform Generator

10GSa/s | 4GHz | 14-bit | 500Mpts | 2 CH

Introduction to JHA5400 Arbitrary Waveform Generator

Core specifications of this product: Up to 2 analog output channels with 14-bit vertical resolution and a maximum sampling rate of 10 GSa/s, enabling output frequencies up to 4 GHz. Each channel offers a maximum storage capacity of 500 M sample points for extended signal playback duration. Additionally, the JHA5400 supports advanced functions including complex multi-level sequence waveform output, dual-pulse, multi-tone, and linear frequency modulation, satisfying extensive testing requirements in the communication, industrial, and scientific research fields.

Product Features

- 2-channel, with a maximum output frequency of 4 GHz (10 GSa/s sampling rate)
- 14-bit vertical resolution
- Supports complex scenario testing with up to 500Mpts per channel
- Supports sine wave, square wave, and arbitrary waveform output
- Supports arbitrary waveform output

Core Specifications	
	JHA5402
number of channels	2
sampling rate	10 GSa/s
vertical resolution	14bit
Waveform Memory Depth	Standard: 500 Mpts per channel
output interface	SMA
maximum output frequency	Maximum output frequency: 4 GHz

Analog Output Characteristics	
output amplitude	50 mVpp to 400 mVpp, single-ended, 50 ohm termination impedance
Analog Bandwidth	400 mVpp, DC ~ 4 GHz (-3 dB)
rise time	Single-ended output with a slew rate of ≤ 100 ps at 400 mVpp, operating within 20% to 80% of the input signal.
channel isolation	≤ -50 dBc

Order Information

JHA5402 Arbitrary Waveform Generator	4 GHz Bandwidth, 10 GSa/s Sampling Rate, 2 Channels
Standard Accessories	
UT-D30	1 USB3.0 data cable
--	1 power cord compliant with local standards
--	calibration certificate