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Agilent
N9310A RF Signal Generator

Configuration Guide

This configuration guide will help you determine the options, accessories, and services to include with your new N9310A RF signal generator or to add as upgrades to an existing N9310A.



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Configure Your Agilent N9310A RF Signal Generator

N9310A is a general purpose signal generator from 9 kHz to 3 GHz. Its standard features include:

- Continuous wave output: 9 kHz to 3.0 GHz
- Analog modulation output: AM, FM, ΦM, and pulse modulation
- Low frequency output: 20 Hz to 80 kHz

This step-by-step process will help you to configure your N9310A RF signal generator by tailoring its options to meet your requirements.

For detailed specifications, refer to the N9310A RF signal generator data sheet (5990-8116EN). For a product overview, refer to the N9310A RF signal generator brochure (5990-8115EN).

Ordering information

Description	Model number	Additional information
RF signal generator, 9 kHz to 3.0 GHz	N9310A	Accessories supplied as standard with each signal generator: Quick Start Guide, USB cable, power cord, and documentation CD-ROM
Description	**Option number**	**Additional information**
Step 1. Add analog I/Q input capability		
Analog I/Q input, 40 MHz bandwidth per channel	N9310A-001	Requires external baseband signal input
Step 2. Choose localized User's Guide		
English User's Guide	N9310A-ABA	
Simplified Chinese User's Guide	N9310A-AB2	
Japanese User's Guide	N9310A-ABJ	
Step 3. Add optional accessories		
Power attenuator, 30 dB attenuation	N9310A-1PA	Provides external power attenuator for reversal power protection
Hard transit case (d x w x h)	N9310A-1TC	• 645 x 444 x 268 mm, 13 kg nominal • 25.4 x 17.5 x 10.6 in, 29 lb nominal
Rack mount kit	N9310A-1CM	Includes a rackmount flange and front handle kit. Fits standard 9-inch rack and occupies three units of rack space
Handle and bumper	N9310A-1HB	Available for ordering only at time of initial instrument purchase

Need more RF and microwave accessories? Visit ***www.agilent.com/find/accessories***

Step 4. Choose warranty length		
1-year return-to-Agilent warranty and service	Standard (R-51B-001-C)	1-year warranty is included at no additional charge
3-year return-to-Agilent warranty and service	R-51B-001-3C	Recommended
Step 5. Add calibration, technical training, support, and upgrade services		
Commercial calibration certificate with test data	N9310A-UK6	Calibration certificate only available at time of instrument purchase; only provides measurement results
Agilent calibration service, 3-year term	R-50C-011-3	Agilent tests your instrument against its original specifications and automatically makes adjustments if the product is outside of specified parameters; pre- and post-adjustment measurement data reports also provided
Agilent calibration service, 5-year term	R-50C-011-5	

Other calibration options may available, for more information on calibration, go to: ***www.agilent.com/find/calibration***
For more information on training and application support services, go to: ***www.agilent.com/find/training***

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Instrument Upgrades

Most of the Agilent N9310A RF signal generator options are available for post-sales retrofit.

For license-key upgrades that do not require additional hardware:

1. Place an order for the upgrade with Agilent and request to receive the software entitlement certificate through email
2. Install the license key in the N9310A. Upgrade firmware to the latest revision if required
3. Restart the N9310A
4. Begin using the new capability

Description	Upgrade number
Add analog I/Q input capability	N9310AK-001
Rack mount kit	N9310AK-1CM
Power attenuator	N9310AK-1PA
Hard transit case	N9310AK-1TC

A comprehensive summary about the N9310A upgrades is also available at: ***www.agilent.com/find/n9310a_upgrade***

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Related Literature

Publication number	Publication title
5990-8115EN	Agilent N9310A RF Signal Generator, Brochure
5990-8116EN	Agilent N9310A RF Signal Generator, Data Sheet

Other Information

Agilent product registration

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