



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, Φ M, 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
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Step 2. Choose localized User's Guide		
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English User's Guide	N9310A-ABA	
Simplified Chinese User's Guide	N9310A-AB2	
Japanese User's Guide	N9310A-ABJ	

Step 3. Add optional accessories		
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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	<ul style="list-style-type: none"> • 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		
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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		
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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

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

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

Register your instruments for service notifications, firmware update alerts, application notes and more. You have the Agilent edge. Register today and keep it sharp: www.agilent.com/find/register

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Agilent Advantage Services is committed to your success throughout your equipment's lifetime. We share measurement and service expertise to help you create the products that change our world. To keep you competitive, we continually invest in tools and processes that speed up calibration and repair, reduce your cost of ownership, and move us ahead of your development curve.

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www.agilent.com/find/contactus

Americas

Canada	(877) 894 4414
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Mexico	01800 5064 800
United States	(800) 829 4444

Asia Pacific

Australia	1 800 629 485
China	800 810 0189
Hong Kong	800 938 693
India	1 800 112 929
Japan	0120 (421) 345
Korea	080 769 0800
Malaysia	1 800 888 848
Singapore	1 800 375 8100
Taiwan	0800 047 866
Other AP Countries	(65) 375 8100

Europe & Middle East

Belgium	32 (0) 2 404 93 40
Denmark	45 70 13 15 15
Finland	358 (0) 10 855 2100
France	0825 010 700*
	*0.125 €/minute
Germany	49 (0) 7031 464 6333
Ireland	1890 924 204
Israel	972-3-9288-504/544
Italy	39 02 92 60 8484
Netherlands	31 (0) 20 547 2111
Spain	34 (91) 631 3300
Sweden	0200-88 22 55
United Kingdom	44 (0) 118 9276201

For other unlisted Countries:

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Product specifications and descriptions in this document subject to change without notice.

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