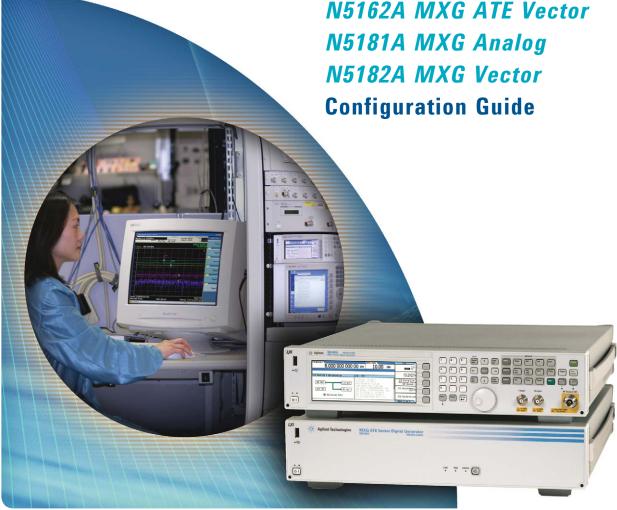


Agilent MXG Signal Generators

N5161A MXG ATE Analog N5162A MXG ATE Vector N5181A MXG Analog N5182A MXG Vector **Configuration Guide**



This guide is to assist in the ordering process for the MXG analog and vector signal generators.



Agilent N5161A MXG ATE and N5181A MXG analog configuration steps

Step 1. Choose model number

Model	Description
N5161A	MXG ATE analog signal generator
	The MXG ATE signal generator has been streamlined for automated
	test equipment (ATE) needs with removal of the front panel display
	and all connectors relocated to the rear panel for convenient and
	secure rack configurations. Otherwise, these signal generators
	provide the same industry-leading capabilities, performance, and form
	factor of the N5181A MXG analog signal generator.
N5181A	MXG analog signal generator

Step 2. Choose one frequency option (mandatory)

Option	Description	Not compatible	Upgrade
501	Frequency range from 100 kHz to 1 GHz	503,506,N5161A	No
503	Frequency range from 100 kHz to 3 GHz	501,506	No
506	Frequency range from 100 kHz to 6 GHz	503,506	No

Step 3. Choose performance enhancement options

Option	Description	Not compatible	Upgrade
UNZ	Fast switching		Yes ²
UNT	AM, FM, phase modulation		Yes ²
UNU	Pulse modulation	UNW	Yes ²
1EQ	Low power (< -100 dBm)		Yes ²
006	Instrument security		Yes
UNW	Narrow pulse modulation	UNU	Yes ²
1EA	High output power		Yes ²
099 1	Expanded license key upgradeability Option 099 is recommended for anyone considering future upgrades. Option 099 simplifies the upgrade process by enabling upgrades via a license key for Options 1EA 1EQ, UNU, UNW, UNT and UNZ.	5	Yes ¹

Step 4. Choose input/output options			
Option	Description	Not compatible	Upgrade
1EM	Move all connectors to rear panel	N5161A	No
1ER	Flexible reference input (1 to 50 MHz)		Yes

2. Upgrade requires Option 099.

Option 099 is recommended for anyone considering future upgrades. Option 099 simplifies the upgrade process by enabling upgrades via a license key for Options 1EA, 1EQ, UNU, UNW, UNT, and UNZ. Without Option 099, upgrades for these options require purchase and installation of a field retrofit kit. For more information, visit www.agilent.com/find/SSupgrades.

Option	Description	Not compatible	Upgrade
-	-		
1CM	Rackmount kit	1CN, 1CP, 1CR	Yes
1CN	Front handle kit	1CM, 1CP	Yes
1CP	Rackmount kit with front handles	1CM, 1CN, 1CR	Yes
1CR	Rack slide kit	1CM, 1CP	Yes
CD1	CD-ROM containing the English		Yes
	documentation set, including user's		
	guide, installation guide, programming		
	guide, service guide, SCPI command refer-		
	ence, error messages, programming exam-		
	ples, and data sheets. In addition, Korean,		
	Chinese, Japanese and Russian localized		
	users's guide.		
ABA	Printed copy of the English		Yes
	documentation set		
AB1 ¹	Printed copy of user's guide – Korean		Yes
	localization		
AB2 ¹	Printed copy of user's guide – Chinese		Yes
	localization		
ABJ ¹	Printed copy of user's guide – Japanese		Yes
	localization		
AKT ¹	Printed copy of user's guide – Russian		Yes
	localization		
0BW	Service documentation, assembly level		Yes
AXT	Hard transit case		Yes
800	Customer service kit front panel	N5161A	Yes
	connector configuration		
801	Customer service kit rear panel		Yes
	connector configuration		
	v		

Step 5. Choose accessories and documentation options

Step 6. Choose warranty and calibration options

Option	Description	Additional information
R-51B-001-3C	1 year Return-to-Agilent warranty	
	extended to 3 years	
R-51B-001-5C	1 year Return-to-Agilent warranty	
	extended to 5 years	
R-50C-011-3	Return-to-Agilent Calibration	
	Upfront Support Plan 3 year coverage	
R-50C-016-3	Return-to-Agilent 17025 Calibration	Must also order R1295A for
	Upfront Support Plan	service center installation
R-50C-021-3	Return-to-Agilent Z540 Calibration	Must also order R1295A for
	Upfront Support Plan 3 year coverage	service center installation
R-52A-001-3	3 year license Agilent Commercial	
	Calibration Software	
R-52A-002-3	3 year license Agilent ISO 17025	
	and ANSI Z540 Calibration software	
UK6	Commercial calibration certificate	
	with test data	

1. Localization options not available for the N5161A.

Step 7. Choose start up assistance service options

Option	Description
PS-S10	Remote scheduled assistance 1- 999 hours
PS-S20	Daily productivity assistance
PS-T10-ASG	Signal generator and source basics; .05 day, max. 8 students on site
PS-X10	Custom services to be qualified by Agilent

Product configuration includes country specific power cord.

Available options and upgrades for the N5161A MXG ATE analog signal generator

orginar	gonoracon		
Option	Description	Order upgrade number	Upgrade contents
006	Instrument security	N5161AK-006	License key
099	Expanded license key upgradeability	N5161AK-0991	Hardware and
			license key
1CM	Rackmount kit	N5161A-1CM	Hardware
1CN	Front handle kit	N5161A-1CN	Hardware
1CP	Rackmount kit with front handles	N5161A-1CP	Hardware
1CR	Rack slide kit	N5161A-1CR	Hardware
1EA	High output power	N5161AK-1EA	License key ²
1EQ	Low power (< -110 dBm)	N5161AK-1EQ	License key ²
1ER	Flexible reference input (1 to 50 MHz)	N5161AK-1ER	License key
503	Frequency range from 100 kHz to 3 GHz	Not available	N/A
506	Frequency range from 100 kHz to 6 GHz	Not available	N/A
801	Customer service kit rear panel	N5161AK-801	Hardware
	connector configuration		
ABA	Printed copy of the English	N5161A-ABA	Documentation
	documentation set		
0BW	Service documentation, assembly level	N5161A-0BW	Documentation
AXT	Hard transit case	N5161A-AXT	Hardware
CD1	CD-ROM containing the English	N5161A-CD1	Documentation
	documentation set		
UK6	Commercial calibration certificate with	Not available	N/A
	test data		
UNT	AM, FM, phase modulation	N5161AK-UNT	License key ²
UNU	Pulse modulation	N5161AK-UNU	License key ²
UNW	Narrow pulse modulation	N5161AK-UNW	License key ²
UNZ	Fast switching	N5161AK-UNZ	License key ²

N5161A Upgrades

For complete upgrade details, visit: www.agilent.com/find/SSupgrades

Option 099 is recommended for anyone considering future upgrades. Option 099 simplifies the upgrade process by enabling upgrades via a license key for Options 1EA, 1EQ, UNU, UNW, UNT, and UNZ. Without Option 099, upgrades for these options require purchase and installation of a field retrofit kit. For more information, visit www.agilent.com/find/SSupgrades.

^{2.} Also requires Option 099 hardware upgrade if not previously purchased.

Available options and upgrades for the N5181A MXG analog signal generator

Signai	yenerator		
Option	Description	Order upgrade number	Upgrade contents
006	Instrument security	N5181AK-006	License key
099	Expanded license key upgradeability	N5181AK-0991	Hardware and license key
0BW	Service documentation, assembly level	N5181A-0BW	Documentation
1CM	Rackmount kit	N5181A-1CM	Hardware
1CN	Front handle kit	N5181A-1CN	Hardware
1CP	Rackmount kit with front handles	N5181A-1CP	Hardware
1CR	Rack slide kit	N5181A-1CR	Hardware
1EA	High output power	N5181AK-1EA	License key ²
1EM	Move all connectors to rear panel	Not available	N/A
1EQ	Low power (< 110 dBm)	N5181AK-1EQ	License key ²
1ER	Flexible reference input (1 to 50 MHz)	N5181AK-1ER	License key
501	Frequency range from 100 kHz to 1 GHz	Not available	N/A
503	Frequency range from 100 kHz to 3 GHz	Not available	N/A
506	Frequency range from 100 kHz to 6 GHz	Not available	N/A
800	Customer service kit front panel connector configuration	N5181AK-800	Hardware
801	Customer service kit rear panel connector configuration	N5181AK-801	Hardware
AB1	Printed copy of user's guide – Korean localization	N5181A-AB1	Documentation
AB2	Printed copy of user's guide – Chinese localization	N5181A-AB2	Documentation
ABA	Printed copy of the English documentation set	N5181A-ABA	Documentation
ABJ	Printed copy of user's guide – Japanese localization	N5181A-ABJ	Documentation
AKT	Printed copy of user's guide – Russian localization	N5181A-AKT	Documentation
AXT	Hard transit case	N5181A-AXT	Hardware
CD1	CD-ROM containing the English documentation set	N5181A-CD1	Documentation
UK6	Commercial calibration certificate with test data	Not available	N/A
UNT	AM, FM, phase modulation	N5181AK-UNT	License key ²
UNU	Pulse modulation	N5181AK-UNU	License key ²
UNW	Narrow pulse modulation	N5181AK-UNW	License key ²
UNZ	Fast switching	N5181AK-UNZ	

N5181A Upgrades

For complete upgrade details, visit: www.agilent.com/find/SSupgrades

2. Also requires Option 099 hardware upgrade if not previously purchased.

Option 099 is recommended for anyone considering future upgrades. Option 099 simplifies the upgrade process by enabling upgrades via a license key for Options 1EA, 1EQ, UNU, UNW, UNT, and UNZ. Without Option 099, upgrades for these options require purchase and installation of a field retrofit kit. For more information, visit www.agilent.com/find/SSupgrades.

Agilent N5162A MXG ATE and N5182A MXG vector configuration steps

Agilent Step 1. Choose model

Model	Description
N5162A	MXG ATE vector
	The MXG ATE signal generator has been streamlined for automated
	test equipment (ATE) needs with removal of the front panel display and
	all connectors relocated to the rear panel for convenient and secure
	rack configurations. Otherwise, these signal generators provide the
	same industry-leading capabilities, performance, and form factor of the
	N5182A MXG vector signal generator.
N5182A	MXG vector signal generator

Step 2. Choose one frequency option (mandatory)				
Option	Description	Requires	Not compatible	Upgrade
503	Frequency range from		506	No
	100 kHz to 3 GHz			
506	Frequency range from		503	No
	100 kHz to 6 GHz			

TUU KHZ to 6 GHZ

Step 3. Choose performance enhancement options

Option	Description	Requires	Not compatible	Upgrade
UNZ	Fast switching			Yes ²
UNT	AM, FM, phase modulation			Yes ²
UNU	Pulse modulation		UNW	Yes ²
UNW	Narrow pulse modulation		UNU	Yes ²
UNV	Enhanced dynamic range	651, 652, or 654		Yes ²
1EQ	Low power (< -110 dBm)			Yes ²
006	Instrument security			Yes
1EA	High output power			Yes ²
099	Expanded license key upgradeabilit Option 099 is recommended for any one considering future upgrades. Option 099 simplifies the upgrade process by enabling upgrades via a license key for Options 1EA, 1EQ, UNU, UNW, UNT and UNZ.	1-		Yes ¹
012	LO In/Out for phase coherency			Yes

Step 4. Choose baseband generator options

Option	Description	Requires	Not compatible	Upgrade
651	Internal baseband generator		652, 654	Yes
	(30 MSa/s, 8 MSa)			
652	Internal baseband generator		651, 654	Yes
	(60 MSa/s, 8 MSa)			
654	Internal baseband generator		651, 652	Yes
	(125 MSa/s, 8 MSa)			
019	Upgrade baseband generator	651, 652, or 654		Yes
	memory to 64 MSa			

 Option 099 enables future upgrades via a license key for Options 1EA, 1EQ, UNU, UNW, UNT, UNV, and UNZ. Without Option 099, upgrades for these options require the installation of a field retrofit kit which installs Option 099. For more information, visit www.agilent.com/find/SSupgrades.

2. Upgrade requires Option 099.

Step 5. Choose signal studio and embedded software

When ordering signal creation software, please refer to each product's technical overview for detailed required and recommended configurations. Available in the online documentation from **www.agilent.com/find/signalstudio**.

Order item	Description	Requires	Recommended	Upgrade
N5182A 221 - 229	Waveform License 5-packs 1 to 9 (purchase up to 9	651, 652, or 654	654	Yes
	packs for 45 Signal Studio waveforms)			
N5182A	Waveform License 50-packs	651, 652, or 654	654	No
250 - 259	1 to 10 (purchase up to 10 packs for 500 Signal Studio waveforms)			
430	Multitone and two-tone	651, 652, or 654	651	Yes
431	Custom digital modulation	651, 652, or 654	654	Yes
432	Phase noise impairments	651, 652, or 654	651	Yes
N7600B*	Signal Studio for 3GPP W-CDMA FDD	651, 652, or 654	652, 503, 019, UNV	Yes
N7601B*	Signal Studio for 3GPP2 CDMA	651, 652, or 654	651, 503, 019, 403, 1EI, UNV	Yes
N7602B *	Signal Studio for GSM/EDGE	651, 652, 654	654, 503, 1EL, 1ER, UNV, UNZ	Yes
N7606B *	Signal Studio for Bluetooth	651, 652, 654	652, 506, 019, 403, UNV	Yes
N7611B*	Signal Studio for Broadcast Radio	651, 652, or 654	652, 506, 019, 403, UNV	Yes
N7612B*	Signal Studio for TD-SCDMA	651, 652, or 654	652, 503, 019, 403, UNV	Yes
N7613A	Signal Studio for 802.16-2004 (WiMAX™)	652, or 654	654, 506, 019, 403, UNV	Yes
N7615B*	Signal Studio for 802.16 WIMAX	651, 652, or 654	652, 506, 019, 403, UNV	Yes
N7616B*	Signal Studio for T-DMB	652, or 654	652, 503, 019, 403, UNV	Yes
N7617B*	Signal Studio for 802.11 WLAN	654	654, 506, 019, 403, UNV	Yes
N7621B*	Signal Studio for multitone distortion test	651, 652, or 654	654, 019	Yes
N7622A*	Signal Studio toolkit	651, 652, or 654	651, 019, 1EL, UNV	Yes
N7623B*	Signal Studio for digital video	651, 652, or 654	652, 506, 019, 403, UNV	Yes
N7624B*	Signal Studio for 3GPP LTE	654	654, 506, 019, 403, UNV	Yes
N7625B*	Signal Studio for 3GPP LTE TDD	654	654, 506, 403, UNV, 1EA, 1EL	Yes
* For factor	installation of Signal Studio fi	ved perpetual licer	ints leaving sea	0

* For factory installation of Signal Studio fixed perpetual licenses, Signal Studio model-number must be ordered under the N5162A/N5182A configuration.

Step 6.	Choose	input/o	output (options
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Option	Description	Requires	Not compatible	Upgrade
1EM	Move all connectors to rear panel		N5162A	No
1EL	Differential I/Q outputs			Yes
1ER	Flexible reference input			Yes
	(1-50 MHz)			

Step 7. Choose accessories and documentation options

Option	Description	Not compatible	Upgrade
1CM	Rackmount kit	1CN, 1CP, 1CR	Yes
1CN	Front handle kit	1CM, 1CP	Yes
1CP	Rackmount kit with front handles	1CM, 1CN, 1CR	Yes
1CR	Rack slide kit	1CM, 1CP	Yes
CD1	CD-ROM containing the English		Yes
	documentation set, including user's		
	guide, installation guide, programming		
	guide, service guide, SCPI command		
	reference, error messages, programmin	Ig	
	examples, and data sheets. In addition,		
	Korean, Chinese, Japanese and Russia	n	
	localized users's guide.		
ABA	Printed copy of the English documenta		Yes
AB1 ¹	Printed copy of user's guide – Korean I		Yes
AB2 ¹	Printed copy of user's guide – Chinese localization Yes		Yes
ABJ ¹	Printed copy of user's guide – Japanese localization Yes		Yes
AKT ¹	Printed copy of user's guide – Russian	localization	Yes
0BW	Service documentation, assembly level		Yes
AXT	Hard transit case		Yes
800	Customer service kit front panel	N5162A	Yes
	connector configuration		
801	Customer service kit rear panel		Yes
	connector configuration		

Step 8. Choose warranty and calibration options

Ontion	Description	Additional information
Option	Description	Additional information
R-51B-001-3C	1 year Return-to-Agilent warranty	
	extended to 3 years	
R-51B-001-5C	1 year Return-to-Agilent warranty	
	extended to 5 years	
R-50C-011-3	Return-to-Agilent Calibration	
	Upfront Support Plan 3 year coverage	
R-50C-016-3	Return-to-Agilent 17025 Calibration	Must also order R1295A for
	Upfront Support Plan	service center installation
R-50C-021-3	Return-to-Agilent Z540 Calibration	Must also order R1295A for
	Upfront Support Plan 3 year coverage	service center installation
R-52A-001-3	3 year license Agilent Commercial	
	Calibration Software	
R-52A-002-3	3 year license Agilent ISO 17025	
	and ANSI Z540 Calibration software	
UK6	Commercial calibration certificate	
	with test data	

1. Localization options are not available for the N5162A.

Order item	Description
PS-S10	Remote scheduled assistance 1-999 hours
PS-S20	Daily productivity assistance
PS-T10-ASG	Signal generator and source basics; .05 day, max. 8 students on site
PS-X10	Custom services to be qualified by Agilent

Step 9. Choose start up assistance options

Product configuration includes country specific power cord.

Available options and upgrades for the N5162A MXG vector signal generator

genera	tor		
Option	Description	Order upgrade number	Upgrade contents
006	Instrument security	N5162AK-006	License key
012	LO In/Out for phase coherency	N5162AK-012	Hardware and license key
099	Expanded license key upgradeability	N5162AK-099 ¹	Hardware and license key
019	Upgrade baseband generator memory to 64 MSa	N5162AK-019	License key
1EA	High output power	N5162AK-1EA	License key ²
1EL	Differential I/Q outputs	N5162AK-1EL	License key
1EQ	Low power (< -110 dBm)	N5162AK-1EQ	License key ²
1ER	Flexible reference input (1 to 50 MHz)	N5162AK-1ER	License key
	Waveform License 5-packs 1 to 9 (purchase up to 9 packs for 45 Signal Studio waveforms)	N5162AK 221 - 229	License key
	Waveform License 50-packs 1 to 10 (purchase up to 10 packs for 500 Signal Studio waveforms)	Not available	N/A
403	Calibrated AWGN	N5162AK-403	License key
430	Multitone and two-tone	N5162AK-430	License key
431	Custom digital modulation	N5162AK-431	License key
432	Phase noise impairment	N5162AK-432	License key
503	Frequency range from 100 kHz to 3 GHz	Not available	N/A
506	Frequency range from 100 kHz to 6 GHz	Not available	N/A
651	Internal baseband generator (30 MSa/s, 8 MSa)	N5162AK-651	License key
652	Internal baseband generator (60 MSa/s, 8 MSa)	N5162AK-652	License key
654	Internal baseband generator (125 MSa/s, 8 MSa)	N5162AK-654	License key
670	Upgrade baseband generator from 30 MSa/s to 60 MSa/s (48 MHz RF BW)	N5162AK-670 ³	License key
671	Upgrade baseband generator from 30 MSa/s to 125 MSa/s (100 MHz RF BW)	N5162AK-671 ³	License key
672	Upgrade baseband generator 60 MSa/s to 125 MSa/s (100 MHz RF BW)	N5162AK-672 ³	License key
UK6	Commercial calibration certificate with test data	Not available	N/A
UNT	AM, FM, phase modulation	N5162AK-UNT	License key ²
UNU	Pulse modulation	N5162AK-UNU	License key ²
UNV	Enhanced dynamic range	N5162AK-UNV	License key ²
UNW	Narrow pulse modulation	N5162AK-UNW	License key ²
UNZ	Fast switching	N5162AK-UNZ	License key ²
0BW	Service documentation, assembly level	N5162A-0BW	Documentation
1CM	Rackmount kit	N5162A-1CM	Hardware
1CN	Front handle kit	N5162A-1CN	Hardware
1CP	Rackmount kit with front handles	N5162A-1CP	Hardware
1CR	Rack slide kit	N5162A-1CR	Hardware
CD1	CD-ROM containing the English	N5162A-CD1	Documentation
ABA	documentation set Printed copy of the English documentation set	N5162A-ABA	Documentation
AXT	Hard transit case	N5162A-AXT	Hardware
801	Customer service kit rear panel RF connector configuration	N5162AK-801	Hardware

N5162A Upgrades

For complete upgrade details, visit: www.agilent.com/find/SSupgrades

- Option 099 is recommended for anyone considering future upgrades. Option 099 simplifies the upgrade process by enabling upgrades via a license key for Options 1EA, 1EQ, UNU, UNW, UNT, and UNZ. Without Option 099, upgrades for these options require purchase and installation of a field retrofit kit. For more information, visit www.agilent.com/find/SSupgrades.
- 2. Also requires Option 099 hardware upgrade if not previously purchased.
- 3. Options 670, 671, and 672 are only available as upgrade options.

Option	Description	Order upgrade	Upgrade content
•	•	number	
006	Instrument security	N5182AK-006	License key
012	LO In/Out for phase coherency	N5182AK-012	Hardware and license key
099	Expanded license key upgradeability	N5182AK-0991	Hardware and license key
019	Upgrade baseband generator memory to 64 MSa	N5182AK-019	License key
1EA	High output power	N5182AK-1EA	License key ²
1EL	Differential I/Q outputs	N5182AK-1EL	License key
1EM	Move RF output to rear panel	Not available	N/A
1EQ	Low power (< -110 dBm)	N5182AK-1EQ	License key ²
1ER	Flexible reference input (1 to 50 MHz)	N5182AK-1ER	License key
N5182A		N5182AK	License key
	packs for 45 Signal Studio waveforms)	221 - 229	
	Waveform License 50-packs 1 to 10 (purchase up to	Not available	N/A
250-259	10 packs for 500 Signal Studio waveforms)		
403	Calibrated AWGN	N5182AK-403	License key
430	Multitone and two-tone	N5182AK-430	License key
431	Custom digital modulation	N5182AK-431	License key
432	Phase noise impairment	N5182AK-432	License key
503	Frequency range from 100 kHz to 3 GHz	Not available	N/A
505 506	Frequency range from 100 kHz to 6 GHz	Not available	N/A N/A
651	Internal baseband generator	N5182AK-651	License key
652	(30 MSa/s, 8 MSa) Internal baseband generator	N5182AK-652	License key
654	(60 MSa/s, 8 MSa) Internal baseband generator	N5182AK-654	License key
670	(125 MSa/s, 8 MSa)	N5182AK-654	
670	Upgrade baseband generator from 30 MSa/s to 60 MSa/s (48 MHz RF BW) Upgrade baseband generator from	N5182AK-670 ³	License key
672	30 MSa/s to 125 MSa/s (100 MHz RF BW)	N5182AK-671°	License key
	Upgrade baseband generator 60 MSa/s to 125 MSa/s (100 MHz RF BW)		License key
UK6	Commercial calibration certificate with test data	Not available	N/A
UNT	AM, FM, phase modulation	N5182AK-UNT	License key ²
UNU	Pulse modulation	N5182AK-UNU	License key ²
UNV	Enhanced dynamic range	N5182AK-UNV	License key ²
UNW	Narrow pulse modulation	N5182AK-UNW	License key ²
UNZ	Fast switching	N5182AK-UNZ	License key ²
OBW	Service documentation, assembly level	N5182A-0BW	Documentation
1CM	Rackmount kit	N5182A-1CM	Hardware
1CN	Front handle kit	N5182A-1CN	Hardware
1CP	Rackmount kit with front handles	N5182A-1CP	Hardware
1CR	Rack slide kit	N5182A-1CR	Hardware
CD1	CD-ROM containing the English documentation set	N5182A-CD1	Documentation
ABA	Printed copy of the English documentation set	N5182A-ABA	Documentation
AB1	Printed copy of user's guide – Korean localization	N5182A-AB1	Documentation
AB2	Printed copy of user's guide – Chinese localizatiion	N5182A-AB2	Documentation
ABJ	Printed copy of user's guide – Japanese localization	N5182A-ABJ	Documentation
AKT	Printed copy of user's guide – Russian localization	N5182A-AKT	Documentation
AXT	Hard transit case	N5182A-AXT	Hardware
800	Customer service kit front panel RF connector configuration	N5182A-800	Hardware
801	Customer service kit rear panel RF connector configuration	N5182A-801	Hardware

N5182A Upgrades

For complete upgrade details, visit: www.agilent.com/find/SSupgrades

- 1. Option 099 is recommended for anyone considering future upgrades. Option 099 simplifies the upgrade process by enabling upgrades via a license key for Options 1EA, 1EQ, UNU, UNW, UNT, and UNZ. Without Option 099, upgrades for these options require purchase and installation of a field retrofit kit. For more information, visit www.agilent.com/find/SSupgrades.
- 2. Also requires Option 099 hardware upgrade if not previously purchased.
- 3. Options 670, 671, and 672 are only available as upgrade options.

Web resources

For additional product information, visit the Agilent MXG web page: www.agilent.com/find/mxg

For information about renting, leasing or financing test equipment from Agilent, visit: www.agilent.com/find/buyalternatives

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LXI

www.lxistandard.org

LXI is the LAN-based successor to GPIB, providing faster, more efficient connectivity. Agilent is a founding member of the LXI consortium.

Remove all doubt

Our repair and calibration services will get your equipment back to you, performing like new, when promised. You will get full value out of your Agilent equipment throughout its lifetime. Your equipment will be serviced by Agilent-trained technicians using the latest factory calibration procedures, automated repair diagnostics and genuine parts. You will always have the utmost confidence in your measurements. For information regarding self maintenance of this product, please contact your Agilent office.

Agilent offers a wide range of additional expert test and measurement services for your equipment, including initial start-up assistance, onsite education and training, as well as design, system integration, and project management.

For more information on repair and calibration services, go to:

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Singapore	1 800 375 8100
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