



# Agilent E8241A/44A/51A/54A PSG Series Performance Signal Generator

## Configuration Guide

- Continuous wave generation and digital sweep (step/list)
- High output power available with Option 1EA
- Low phase noise available with Option UNJ
- 3 year warranty
- Connectivity: LAN, GPIB, RS-232
- 83550 series millimeter module interface for frequency extension to 110 GHz



## Agilent Microwave PSG–L Series options

Products	Frequency range	✓
E8241A	250 kHz to 20 GHz	<input type="checkbox"/>
E8244A	250 kHz to 40 GHz	<input type="checkbox"/>

Options	Description	✓
1E1	Adds output step attenuator for extended range to –135 dBm	<input type="checkbox"/>
1EA	High RF output power +20 dBm at 20 GHz, +14 dBm at 40 GHz	<input type="checkbox"/>
1ED	Type-N RF output connector (20 GHz only)	<input type="checkbox"/>
UNJ	Improved close-in phase noise	<input type="checkbox"/>
W50	Five year warranty	<input type="checkbox"/>

Accessory options	Description	✓
ABA	English manual set (users, programming, and calibration) (manual - no CD)	<input type="checkbox"/>
CD1	CD-ROM documentation (includes PDF files of user's, programming, calibration, and assembly-level service guides)	<input type="checkbox"/>
OBW	Adds the service manual (assembly level)	<input type="checkbox"/>
1CM	Rack mount kit, P/N 5063-9214	<input type="checkbox"/>
1CN	Front handle kit P/N 5063-9227	<input type="checkbox"/>
1CP	Rack mount kit with front handle kit	<input type="checkbox"/>
UK6	Commercial calibration certificate with test data	<input type="checkbox"/>



**Agilent Technologies**

- CW, digital sweep, and signal generation
- Modulation: AM, FM, Pulse,  $\Phi$ M
- List and step sweep functions available
- High output power available as an Option 1EA
- Low phase noise available as an Option UNJ
- 3 year warranty
- Connectivity: LAN, GPIB, RS-232
- 83550 series millimeter module interface for frequency extension to 110 GHz



## Agilent Microwave PSG–A Series options

Products	Frequency range	✓
E8251A	250 kHz to 20 GHz	<input type="checkbox"/>
E8254A	250 kHz to 40 GHz	<input type="checkbox"/>

Options	Description	✓
1E1	Adds output step attenuator for extended range to –135 dBm	<input type="checkbox"/>
1EA	High RF output power +20 dBm at 20 GHz, +14 dBm at 40 GHz	<input type="checkbox"/>
1ED	Type-N RF output connector (20 GHz only)	<input type="checkbox"/>
UNJ	Improved close-in phase noise	<input type="checkbox"/>
W50	Five year warranty	<input type="checkbox"/>

Accessory options	Description	✓
ABA	English manual set (users, programming, and calibration) (manual - no CD)	<input type="checkbox"/>
CD1	CD-ROM documentation (includes PDF files of user's, programming, calibration, and assembly-level service guides)	<input type="checkbox"/>
OBW	Add service manual (assembly level)	<input type="checkbox"/>
1CM	Rack mount kit, P/N 5063-9214	<input type="checkbox"/>
1CN	Front handle kit P/N 5063-9227	<input type="checkbox"/>
1CP	Rack mount kit with front handle kit	<input type="checkbox"/>
UK6	Commercial calibration certificate with test data	<input type="checkbox"/>

# Agilent PSG – L and – A Series documentation

Standard products ship with electronic (CD-ROM) manual which includes PDF files of user's, programming, calibration, and assembly-level service guides. The CD-ROM includes all product literature for the series. Hard copy manuals do not ship with standard product and are available as option ABA.

## Manual

Part Number	Title
E8251-90035	Calibration Guide Guide
E8251-90020	PSG Family Documentation Set
E8251-90021	User's Doc CD-ROM
E8251-90022	Installation Guide
E8251-90023	User's Guide
E8251-90025	Programming Guide
E8251-90027	Error Messages
E8251-90030	Service Guide

**Find out more go to:**  
**[www.agilent.com/find/psg](http://www.agilent.com/find/psg)**

## Related Agilent literature

*PSG Series Product Overview*  
literature number 5988-2411EN

*PSG Series Data Sheet*  
literature number 5988-2412EN

*PSG Series Product Note: User Flatness Correction*  
literature number 5988-2410EN

*PSG Series Product Note: Self Guided Demo*  
literature number 5988-2414EN

*PSG Series Configuration Guide*  
literature number 5988-2413EN

*PSG Series Product Note: Millimeter Head*  
literature number 5988-2567EN

*PSG Series Product Note: Programming  
Conversion Guide*  
literature number 5988-2568EN

## Warranty

Standard warranty is three years.  
Extended five year warranty is  
available with Option W50.

## **Agilent Technologies' Test and Measurement Support, Services, and Assistance**

Agilent Technologies aims to maximize the value you receive, while minimizing your risk and problems. We strive to ensure that you get the test and measurement capabilities you paid for and obtain the support you need. Our extensive support resources and services can help you choose the right Agilent products for your applications and apply them successfully. Every instrument and system we sell has a global warranty. Support is available for at least five years beyond the production life of the product. Two concepts underlie Agilent's overall support policy: "Our Promise" and "Your Advantage."

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