

Keysight X-Series Signal Analyzers

Option ESC External Source Control

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Option ESC - External Source Control Installation Kit

Products Affected:	CXA N9000A EXA N9010A MXA N9020A PXA N9030A
Serial Numbers:	All
To Be Performed By:	(X) Keysight Service Center (X) Personnel Qualified by Keysight (X) Customer
Estimated Installation Time:	0.5 Hours

Introduction

This kit contains all of the instructions required to install Option ESC on an Keysight CXA, EXA, MXA, or PXA Signal Analyzer. No tools are required.

Signal Analyzer Software Requirements

Model Number	Software Version Required
N9000A	A.07.00 or later
N9010A, N9020A	A.06.00 or later
N9030A	A.10.00 or later

To verify that the current version meets this requirement, press **System, Show, System** and look for the "Instrument S/W Revision".

The latest revision of the X-Series Signal Analyzers software may be downloaded from

http://www.keysight.com/find/xseries_software.

This option is licensed for one instrument model/serial number combination. The license key will only install on the designated instrument.

Contents

Quantity	Description
1	Installation Note
1	Option Upgrade Entitlement Certificate
3	Cable Assembly - RG/233 BNC - BNC 48 in.
1	Cable Assembly - LAN Crossover

Tools Required

- Personal computer with internet access and USB port
- USB storage device with > 2 GB free memory

NOTE

If this upgrade is being performed at an Keysight Service Center, be sure to send the included cables when the instrument is returned to its owner. The cables are used to connect the signal source to the signal analyzer.

Installation Procedure over USB

1. Locate the Option Upgrade Entitlement Certificate (5964-5178) from the kit.
2. Redeem the Option Upgrade Entitlement Certificate by following the instructions on the Certificate.
3. After redeeming your Option Upgrade Entitlement Certificate you will receive an email with an attached License File.
4. Locate a USB storage device. Perform a virus scan on this device before use.
5. Save the License File to the root directory of the USB storage device.
6. Connect the USB storage device to the signal analyzer USB port. Windows will detect the new hardware and may display the configuration menu shown in **Figure 1**. This menu may be configured according to your preferences.

Figure 1 USB Storage Device Configuration Menu



7. The signal analyzer will automatically consume the License File. (This may take a few minutes) When the License File is consumed the Keysight License Manager will display a “Successful License Installation” message as shown in [Figure 2](#).

Figure 2 Successful License Installation



Alternate Installation Procedure

The License File can be manually installed over USB or LAN by placing the license file in the following folder on the signal analyzer

C:\Program Files\Agilent\licensing

Verify the Installation and Instrument Software Version

1. Cycle power on the analyzer and wait for the analyzer to boot-up completely.
2. Press **System, Show, System** to display a list of installed options.
3. Verify that the newly installed option number appears on the list.
4. Verify that the “Instrument S/W Revision” meets the requirements outlined in the table on [page 3](#) of this document.

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Utilities, Adjustments, and Performance Verification Tests

Utilities Required

None

Adjustments Required

None

Performance Testing Required

None

For assistance, contact your nearest Keysight Technologies Sales and Service Office. To find your local Keysight office access the following URL:

<http://www.keysight.com/find/assist>



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