

Installation Note

**HP 8712ET/ES and HP 8714ET/ES
Firmware Upgrade Kit Rev. E.06.00 and Above
HP Kit Number 08714-60045 (Option 099)**



HP Part Number 08714-90033 Supersedes: February 1999

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Notice.

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Products Affected:	HP 8712ET/ES and HP 8714ET/ES RF Network Analyzers
Serial Numbers:	All
To Be Performed By:	(X) HP Service Center (X) Customer or Personnel Qualified by HP (X) HP Personnel On-site
Estimated Installation Time:	20 minutes

Description

This kit contains the firmware disk set required to upgrade your analyzer to the latest firmware revision. (See the firmware disk set for the current revision.)

Installation Kit Parts List

Upgrade Kit 08714-60045

Quantity	Description	HP Part Number
1	Firmware Disk Set	08714-10005

Tools Required

None.

Equipment Required

None.

Installation Procedure

CAUTION Installation of new firmware will erase any internally saved instrument states and user calibrations; save these to a floppy disk first if they will be needed later.

1. Make sure the analyzer’s built-in disk drive is empty, and turn on the analyzer.
2. Confirm your current firmware revision by pressing **SYSTEM OPTIONS** **Service Instrument Info** .
If your current firmware revision is E.06.xx, go to step 6. Otherwise, continue with the following steps.
3. Label a blank 3.5” disk with “CC DATA,” and the model number and serial number of the analyzer.

4. Ensure that the disk is *not* write-protected and insert it into the analyzer's built-in disk drive. If the disk is already formatted, proceed with step 5; otherwise format the disk by pressing:

SAVE RECALL

File Utilities

Format Disk Menu

Format 3.5" Disk

YES

Formatting the disk takes about 2.5 minutes.

5. Press:

SYSTEM OPTIONS

Service

Update Corr Const

Store CC to Disk

When done, remove the "CC DATA" disk and set it aside. This is a copy of the current correction constants of the analyzer.

6. Insert firmware disk #1 into the analyzer's built-in 3.5" disk drive and cycle the power to the analyzer.
7. When the analyzer powers up, you will see a message on the screen indicating that a firmware disk has been found. Press **BEGIN** to initiate the loading of the new firmware. When prompted, insert firmware disk #2. The firmware loading takes about twenty minutes. When done, remove the firmware disk and cycle the power again.

If you are upgrading from firmware revision E.05.xx to E.06.xx, continue with the following steps.

8. When the analyzer powers up again, you will briefly see a warning message indicating that correction constants are not installed, after which you will see the "Update-Corr-Const" help message.
9. Insert the "CC DATA" disk you created earlier in this procedure, and press **Install CC From Disk**. This loads the correction constants from the disk into the analyzer's RAM and into the EPROM for permanent storage.
10. After the correction constants have been installed, cycle the power to the analyzer again. The firmware upgrade is now complete.
11. Store the "CC DATA" disk and the firmware disk in a safe place.

For Additional Information

For more information refer to your analyzer's *Service Guide*, or contact your nearest Hewlett-Packard sales and service office. See the following table.

Hewlett-Packard Sales and Service Offices

UNITED STATES		
Instrument Support Center Hewlett-Packard Company (800) 403-0801		
EUROPEAN FIELD OPERATIONS		
Headquarters Hewlett-Packard S.A. 150, Route du Nant-d'Avril 1217 Meyrin 2/ Geneva Switzerland (41 22) 780.8111	France Hewlett-Packard France 1 Avenue Du Canada Zone D'Activite De Courtaboeuf F-91947 Les Ulis Cedex France (33 1) 69 82 60 60	Germany Hewlett-Packard GmbH Hewlett-Packard Strasse 61352 Bad Homburg v.d.H Germany (49 6172) 16-0
Great Britain Hewlett-Packard Ltd. Eskdale Road, Winnersh Triangle Wokingham, Berkshire RG41 5DZ England (44 118) 9696622		
INTERCON FIELD OPERATIONS		
Headquarters Hewlett-Packard Company 3495 Deer Creek Rd. Palo Alto, CA 94304-1316 USA (415) 857-5027	Australia Hewlett-Packard Australia Ltd. 31-41 Joseph Street Blackburn, Victoria 3130 (61 3) 895-2895	Canada Hewlett-Packard (Canada) Ltd. 17500 South Service Road Trans-Canada Highway Kirkland, Quebec H9J 2X8 Canada (514) 697-4232
Japan Hewlett-Packard Japan, Ltd. Measurement Assistance Center 9-1, Takakura-Cho, Hachioji-Shi, Tokyo 192-8510, Japan TEL (81) -426-56-7832 FAX (81) -426-56-7840	Singapore Hewlett-Packard Singapore (Pte.) Ltd. 150 Beach Road #29-00 Gateway West Singapore 0718 (65) 291-9088	Taiwan Hewlett-Packard Taiwan 8th Floor, H-P Building 337 Fu Hsing North Road Taipei, Taiwan (886 2) 712-0404
China China Hewlett-Packard Co. 38 Bei San Huan X1 Road Shuang Yu Shu Hai Dian District Beijing, China (86 1) 256-6888		