

# **Installation Note**

**Agilent Technologies  
8719D, 8720D, and 8722D Network Analyzers  
Firmware Upgrade Kit Revision 7.14 and Above  
Kit Number 08720-60262**



**Agilent Technologies**

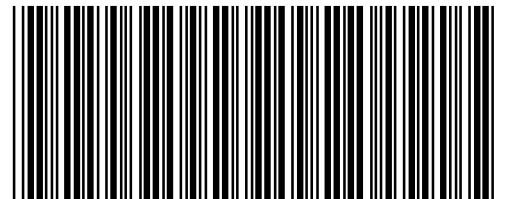
**Manufacturing Part Number: 08720-90385**

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08720-90385

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# Installation Note

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**HP 8719D, HP 8720D, and HP 8722D Network Analyzers  
Firmware Upgrade Kit Revision 7.14 and Above  
Kit Number 08720-60262**



HP Part Number 08720-90385 Supersedes May 1998

Printed in USA November 1998

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# HP 8719D/8720D/8722D Firmware Upgrade Kit

Products Affected: .....	HP 8719D, HP 8720D, HP 8722D
Serial Numbers: .....	All
Compatibilities: .....	This upgrade applies only to those instruments with a fast CPU board (Firmware Rev. 7.12 and above).
To Be Performed By: .....	HP Service Center, Personnel Qualified by HP, or Customer
Estimated Installation Time: .....	5 minutes

## Purpose

This note contains the information required to update the firmware in the HP 8719D/8720D/8722D network analyzer.

## Items Included in the Kit

Table 1 describes the parts included in this firmware upgrade kit. Check the contents of the kit against this table.

**Table 1    Parts Kit 08720-60262**

Quantity	Description	HP Part Number
1	Installation note	08720-90385
1	Firmware disk	08720-10008

## Firmware Installation Procedure

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**CAUTION**

**Loading firmware will clear all internal memory. Perform the following steps to save any instrument states that are stored in internal memory to a floppy disk:**

1. Press **(Save/Recall) SELECT DISK INTERNAL MEMORY RETURN**.
  2. Select an instrument state and press **RECALL STATE**.
  3. Press **SELECT DISK INTERNAL DISK RETURN SAVE STATE**.
  4. If the instrument state file was not saved to disk with the same name that it had while in internal memory, you may wish to rename the file.  
Press **FILE UTILITIES RENAME FILE**, enter the desired name, and press **DONE**.
  5. Repeat steps 1 through 4 for each instrument state that you wish to save.
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### Loading Firmware into an Existing CPU

The network analyzer must be in proper working condition prior to installing this firmware upgrade. Any necessary repairs must be made before proceeding with this installation.

1. Turn off the network analyzer.
2. Insert the firmware disk into the instrument's disk drive.
3. Turn the instrument on. The firmware will load automatically during power-up. The front panel LEDs should step through a sequence for approximately one minute as the firmware is loaded. The display will be blank during this time.
4. After the firmware successfully loads, the LEDs for Channel 1 and Port 1 will remain on and the display will indicate the version of firmware loaded.



## In Case of Difficulty

If the firmware did not load successfully, LED patterns on the front panel can help you isolate the problem.

- ❑ If the following LED pattern is present on the instrument's front panel, the firmware disk is not for use with your instrument model.

Front Panel LED Pattern					
CH 1	CH 2	R	L	T	S
•	•				

- ❑ If any of the following LED patterns are present on the instrument's front panel, the firmware disk may be defective.

Front Panel LED Pattern					
CH 1	CH 2	R	L	T	S
		•			
	•	•			
•		•			
•	•	•			
			•		
	•		•		
•			•		
•	•		•		
		•	•		
	•	•	•		
•		•	•		
		•			•
	•	•			•

- ❑ If any other LED pattern is present, the CPU board is defective.