Installation Note

HP 8753EU Option 099
Firmware Upgrade Kit
for the HP 8753E and HP 8753E 011 Network Analyzers

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HP 8753E Firmware Upgrade Kit

Products Affected:	HP 8753E and HP 8753E 011 network analyzers
Serial Numbers:	All
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 8753E 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 08753-60912

Quantity	Description	HP Part Number
1	Installation note	08753-90437
1	Firmware disk	08753-10036

Firmware Installation Procedure

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.

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

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