

E5100A/B-09

S E R V I C E N O T E

SUPERSEDES: NONE

E5100A/B Network Analyzer

Firmware Revision: 2.00 and below

Modification to fix an error caused by "AUTOREC" file in the floppy disk

To Be Performed By: HP-qualified personnel

Parts Required: Need one of the following firmware disks:

HP P/N	Qty.	Description	Used for
E5100-18003	1	FW DISK 2.10#509	E5100A with Option 509
E5100-18103	1	FW DISK 2.10 1BW	E5100B with black & white LCD
E5100-18203	1	FW DISK 2.10 1CL	E5100B with color LCD
E5100-18303	1	FW DISK 2.10 2BW	E5100A with black & white LCD (* 1)
E5100-18403	1	FW DISK 2.10 2CL	E5100A with color LCD

Note * 1: If the maximum number of sweep points of the HP E5100A is 801, P/N E5100-18103 should be used.

DATE: August 1996

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR 1.0 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
		USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	HP RESPONSIBLE UNTIL: August 1996	
AUTHOR: KI	ENTITY: 3355	ADDITIONAL INFORMATION:	

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Situation:

When an "AUTOREC" file in the floppy disk is automatically executed to recall an instrument setup, the unit may hang up and show some error message on the display.

(A state file named "AUTOREC" in the floppy disk is automatically executed when the unit turns ON.)

This problem is caused by a firmware bug on revision 2.00 and below.

Solution/Action:

This problem can be fixed by firmware update.

1. Firmware update procedure

- 1-1. Press [System], {MORE}, {SERVICE MENU}, {FIRMWARE REVISION} keys to confirm that the unit has a firmware revision 2.00 and below.
- 1-2. Confirm that the firmware disk is correct one to update the firmware of the unit. (see the part list of "Parts Required:")
- 1-3. Turn OFF the unit.
- 1-4. While pressing [Preset] and [0] keys at the same time, turn ON the E5100A/B, and wait for a while until some {firmware update} softkey is appeared on the display,
- 1-5. Press {Firmware Update} softkey.
- 1-6. Insert the firmware disk into the floppy disk drive of the HP E5100A/B.
- 1-7. Press {OK} softkey.
- 1-8. Press {EXECUTE UPDATE} softkey.
- 1-9. Press {OK} softkey to start the firmware update.

Note:

It will take several minutes to complete the firmware update. When the firmware update is completed, the unit automatically execute preset operation.

- 1-10. Put the firmware revision label included in the firmware disk set on the rear panel.

2. Final operation check

- 2-1. Turn the E5100A/B ON and confirm that the unit passes power on selftest.
- 2-2. Press [System], {MORE}, {SERVICE MENU}, {EXECUTE TEST} to start self- diagnoses.
- 2-3. Confirm that the unit passes the self-diagnoses.

