About this Manual

We've added this manual to the Agilent website in an effort to help you support your product. This manual is the best copy we could find; it may be incomplete or contain dated information. If we find a more recent copy in the future, we will add it to the Agilent website.

Support for Your Product

Agilent no longer sells or supports this product. Our service centers may be able to perform calibration if no repair parts are needed, but no other support from Agilent is available. You will find any other available product information on the Agilent Test & Measurement website, www.tm.agilent.com.

HP References in this Manual

This manual may contain references to HP or Hewlett-Packard. Please note that Hewlett-Packard's former test and measurement, semiconductor products and chemical analysis businesses are now part of Agilent Technologies. We have made no changes to this manual copy. In other documentation, to reduce potential confusion, the only change to product numbers and names has been in the company name prefix: where a product number/name was HP XXXX the current name/number is now Agilent XXXX. For example, model number HP8648A is now model number Agilent 8648A.

Installation Note

HP 86151A, Option 002 Upgrade Kit:
Upgrades HP E7450B PCS RF Coverage Measurement System to HP E7470A PCS
Integrated Air Interface Measurement System

HP 86152A, Option 001 Upgrade Kit:
Upgrades HP E7452A Cellular RF Coverage Measurement System to HP E7472A
Cellular Integrated Air Interface Measurement System

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	Products affected:	HP E7450B and HP E7452A
	Applies to Versions:	A.04.00 or greater
	Serial Numbers:	Not applicable
	To Be Performed by:	[ ] HP Service Center
		[ ] Personnel Qualified by HP
		[ ] HP Personnel On-site
		[X] Customer
	Estimated Installation Time:	20 minutes
	Estimated Verification Time:	30 minutes

Description

This software/hardware upgrade is the complete upgrade package for converting from either of the following:

- HP E7450B application to the HP E7470A
- HP E7452A application to the HP E7472A

Use the enclosed CD-ROM to upgrade your HP software. Follow the installation instructions in "Installing the Upgrade" to ensure your success.

If you need further installation or application assistance, refer to "Calling for Assistance" in the *Getting Started Guide* (Part Number E7450-90017), provided with your original order. Refer to the following table for the contents of your upgrade.

Table 1-1   Upgrade Contents

Quantity	Description	Part Number for 86151A, Option 002	Part Number for 86152A, Option 001
1	PCS Integrated Air Interface Measurement Software (CD)	NA	-------------------------------
1	Cellular Integrated Air Interface Measurement Software (CD)	-------------------------------	NA
1	Phone-based software security key	NA	NA
1	Label for existing receiver-based software security key	NA	NA
1	Socket Communications Ruggedized I/O card	0960-0992	0960-0992
1	This Installation Note	E7450-90014, rev 2	E7450-90014, rev 2

What's Changed in the Upgrade

The system software controls a CDMA mobile phone. Multiple measurements can be made simultaneously. All measurements can be displayed in real-time and logged to the database. The phone component of the system includes three main functions:

- o Phone control
- o Measurement data
- o Messaging display

Installing the Upgrade

1. With the computer turned on, begin the installation process by inserting the CD-ROM into the CD-ROM drive. Choose **Start>Run**, and type **d: Setup.exe** (where d: is the drive containing the CD-ROM). Refer to steps listed in Chapter 1, Installing the Software, of the *Getting Started Guide* (Part Number E7450-90017) for more information.

2. Click **OK**. Follow the instructions on the screen to complete the software installation.

3. Install the Socket Communications Ruggedized I/O card.

4. Attach the enclosed label to your existing software security key. The software certificate included with your upgrade provides you with a serial number used by Hewlett-Packard to track and monitor technical services provided, including one year free technical support. Please retain this certificate, and have it available when you contact Hewlett-Packard concerning software technical issues.

5. To obtain complete software control of both the CDMA phone and the HP digital receiver, connect **both** software security keys to the parallel port of the PC.

6. Perform verification tests outlined in Chapter 4, "Verifying the System," of the *Getting Started Guide* (Part Number E7450-90017).

7. Create a project using a Cellular CDMA or PCS CDMA phone and verify that the application communicates with the phone when you select Collection and one of the phone VFP's.

Managing Software Security Keys with the License Manager

The software security key that came with your Hewlett-Packard system enables and secures the functionality you purchased from HP. The HP License Manager, automatically installed when you install an HP E74xx Series product, enables you to manage licensing security information. You can use the software to:

- Transfer a license from one key to another. You can transfer the license on your original key to the new one you receive with this upgrade.

- Add product options to license keys. You can add licenses (temporary or permanent) to the license key by entering a string obtained from an HP representative

- Transfer licensed product options between license keys in order to consolidate licenses onto one key.

- Transfer licenses between keys on different computers. You can move license options to license keys on another computer that is located anywhere from the same room to another country.

A License Manager icon appears in the HP74xx group on the Program menu (see Figure 1 for an example).

Figure 1   A Sample HP License Manager Icon

Starting the License Manager

Open the Start menu and choose **Programs > HP E74xx > HP License Manager**. The License Manager software starts.

Refer to the following topics in the License Manager online help:

- Transfer Licensed Product Options Between License Keys

- Upgrade Keys

Learning the License Manager

For further information about the HP License Manager, refer to the following resources:

Resource	Description
Online Help	Available from the software's Help menu or by pressing F1, covers all functionality. It is the program's reference and includes step-by-step instructions for basic operations

Resource	Description
Support	Available from the Help menu, directs you to the support provided by HP.