

Installation Note

Agilent Technologies E4406A Transmitter Tester Firmware Upgrade Kit E4406-60058



Agilent Technologies

Part Number 5967-8576

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Description

The E4406-60058 Firmware Upgrade Kit contains a number of floppy disks and the documentation needed to install the new firmware files (from these disks) into the E4406A Transmitter Tester. The E4406A is equipped with reprogrammable operating firmware and an internal floppy disk drive. When the instrument is powered on, it automatically searches for a floppy disk containing the instrument firmware. When these files are located, they are loaded into memory which reprograms the operating firmware. Screen messages display the update progress and give directions. The instrument will not need to be re-calibrated after this procedure since no changes are made to calibration or adjustment files. It takes about 40 minutes to complete.

Equipment Required

None

Installation Procedure

Step 1. Determine if your instrument needs the firmware update.

- A. Set the power switch to ON.
- B. After the instrument finishes its power-up, press the following keys:
 System
 More
 Show System

The firmware revision code is listed under "Firmware Rev".

- C. If the revision code is the same as or greater than the revision code on the firmware update disks, you do not need to update the firmware.

Step 2. Update the firmware by inserting disk 1 and cycling the power on the instrument.

- A. It is important that the disks be inserted in order. Check the order of the disks before starting the update.
- B. Set the power switch to OFF.
- C. Insert disk 1 of the E4406A Firmware Update disks into the internal disk drive.
- D. Set the power switch to ON.

NOTE The first disk takes about 4 minutes for the instrument to load.

- E. Wait until the instrument displays "insert disk 2 press enter".
- F. Follow the instructions on the screen, inserting each disk when instructed to do so, and then pressing the **Enter** key.

NOTE Some of the disks take only a short time to load, while others can take up to five minutes to load.

Step 3. Remove the last disk and cycle the power on the instrument.

- A. After all the disks have been loaded, remove the last disk.
- B. Set the power switch to OFF.
- C. Set the power switch to ON.

This completes the installation of the firmware.

Troubleshooting

- If the instrument stops the update process before all the disks are loaded:
Pressing any keys other than those in the directions will abort the process. If this happens, just start over at Step 2.

- If the instrument does not boot up or the boot-up tests fail:
Check that you inserted the disks in the correct order.
Repeat the installation procedure, inserting the E4406A Firmware Update disk 1 first, then the other disks in order until they are all loaded.

- If the instrument fails after repeating the installation procedure:
Contact your nearest Agilent Technologies Sales and Service Office for assistance. Please provide the following information:
Model Number: E4406A
Serial Number:
State that you are having trouble installing a firmware update.

Table 0-1. Agilent Technologies Sales and Service Offices

UNITED STATES		
Instrument Support Center Agilent Technologies (800) 403-0801		
EUROPEAN FIELD OPERATIONS		
Headquarters Agilent Technologies S.A. 150, Route du Nant-d'Avril 1217 Meyrin 2/ Geneva Switzerland (41 22) 780.8111	France Agilent Technologies France 1 Avenue Du Canada Zone D'Activite De Courtaboeuf F-91947 Les Ulis Cedex France (33 1) 69 82 60 60	Germany Agilent Technologies GmbH Agilent Technologies Strasse 61352 Bad Homburg v.d.H Germany (49 6172) 16-0
Great Britain Agilent Technologies Ltd. Eskdale Road, Winnersh Triangle Wokingham, Berkshire RG41 5DZ England (44 118) 9696622		
INTERCON FIELD OPERATIONS		
Headquarters Agilent Technologies 3495 Deer Creek Rd. Palo Alto, CA 94304-1316 USA (650) 857-5027	Australia Agilent Technologies Australia Ltd. 31-41 Joseph Street Blackburn, Victoria 3130 (61 3) 895-2895	Canada Agilent Technologies (Canada) Ltd. 17500 South Service Road Trans-Canada Highway Kirkland, Quebec H9J 2X8 Canada (514) 697-4232
Japan Agilent Technologies Japan, Ltd. 9-1 Takakura-Cho, Hachioji Tokyo 192, Japan (81 426) 60-2111	Singapore Agilent Technologies Singapore (Pte.) Ltd. 150 Beach Road #29-00 Gateway West Singapore 0718 (65) 291-9088	Taiwan Agilent Technologies Taiwan 8th Floor, H-P Building 337 Fu Hsing North Road Taipei, Taiwan (886 2) 712-0404
China China Agilent Technologies 38 Bei San Huan X1 Road Shuang Yu Shu Hai Dian District Beijing, China (86 1) 256-6888		