


INSTALLATION INSTRUCTIONS FOR UPGRADING FIRMWARE

MPC-UK3

Systems are upgraded from time to time to improve their operation or to add to their capabilities with new features.

NOTE  **The MPC-UK3 Chip (Rev. 7.06) is to be used in MPC-6000 stand alone non-networked systems only.** The UK3 chip will correct field issues with the MPC-DACT.

NOTE  **A new version of the CIS-4 programming tool (Rev. 7.6.27) will be needed. It can be downloaded from the Faraday Partner's web site at www.faradayfirealarms.com.**

INSTALLATION GUIDELINES

Carefully follow the installation instructions below to upgrade the MPC-6000 main board firmware.

CAUTION:

Electronic equipment is extremely vulnerable to static discharge. Observe precautions for handling static sensitive devices when performing this upgrade.

To upgrade a module, remove the old IC(s) and replace it with the new IC(s) from the kit as follows:

1. Notify the person in charge of the fire alarm system (and the Fire Department if they are connected to the MPC-60000) that the control unit will be temporarily out of service while the firmware upgrade is installed.
2. Upload your program to a PC if it is not already saved.
3. Open the panel door and **remove all power to the control unit.**

4. To upgrade the MPC-UK3 chip, you must uninstall the display board from the front inner door. Disconnect the ribbon cable and display cable from the display PC board. Remove the screws and place them to one side.
5. Locate the IC number and designation on the IC in the upgrade kit (Rev. 7.06).
6. On the display board of the module being upgraded, locate the IC. This IC has a label attached to the top surface that indicates the IC number and the software revision currently installed. Make certain that the IC number on the module corresponds to the IC number in the replacement kit.
7. Note where and how the IC is positioned.
8. Remove the old IC(s) from its socket. (Refer to Figure 1 for the location of U4 on the MPC6-DB2 display board.) Do this by lifting one end of the IC slightly, then the other end. Continue this process until the IC comes free. Use a short, thin blade screwdriver for best results.
9. Insert the new IC provided into the socket. Press down firmly to seat the IC properly in the socket.

CAUTION:

Make sure the "U" cut in the new IC is positioned as it was in the old IC (if appropriate). Check that the IC is properly seated in the socket and that all the IC pins are properly aligned with the connector.

10. Reinstall the display board using the screws set aside in Step 4. Reconnect the ribbon cable and display cable to the display PC board. (Note: the ribbon cable is keyed and can only be installed in one direction. DO NOT FORCE it.)
11. Reconnect system power. Close the control unit door and check operation of the system. The control unit firmware upgrade is now complete.



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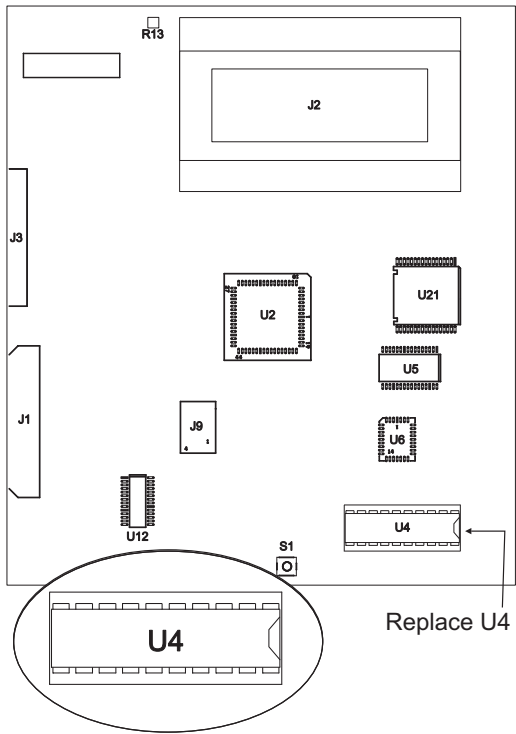


Figure 1
MPC-6000 Display Board