

# Firmware Upgrade Tool

## PM1200 Radios

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## **PM1200 Firmware Upgrade Tool**

This firmware upgrade tool used to update the firmware R01.00 into the radio.

### **Installation Instructions**

Please read the instructions below before proceeding to the online installation package for the Firmware Upgrade Tool. Also be sure to carefully read all on-screen instructions during the installation.

### **Recommended System Requirements**

- Microsoft® Windows® 2000 Professional with Service Pack 4
- Microsoft® Windows® XP Home/Professional Edition
- Microsoft® Internet Explorer 6.0 (or later)
- 128MB RAM
- 64MB available disk space
- 1024 x 768 pixels, 16-bits(65,536 colors) monitor setting.
- CD-ROM drive
- Serial Port

### **Installation**

1. Exit all programs that are currently running on your computer.
2. Double click on "**FDUP4\_Release(R0100)\_Inst.msi**".
3. Follow the on-screen instruction.
4. If a previous version of Radio Recovery Tool has already been installed, you will be given the option to "Repair FDUP4 Release for PM1200 R01.00" or "Remove FDUP4 Release for PM1200 R01.00". If you are upgrading the Radio Recovery Tool, then remove the previous version and start the installation process again. If you are re-installing the Radio Recovery Tool, then choose the "Repair" option.

Congratulations! You have completed the installation of the Firmware Upgrade Tool.

### **Starting the Application**

To start the Firmware Upgrade Tool

1. Click on the Start button.
2. Select **Program => Motorola => FDUP4 => FDUP4 Release for PM1200.**

Connections

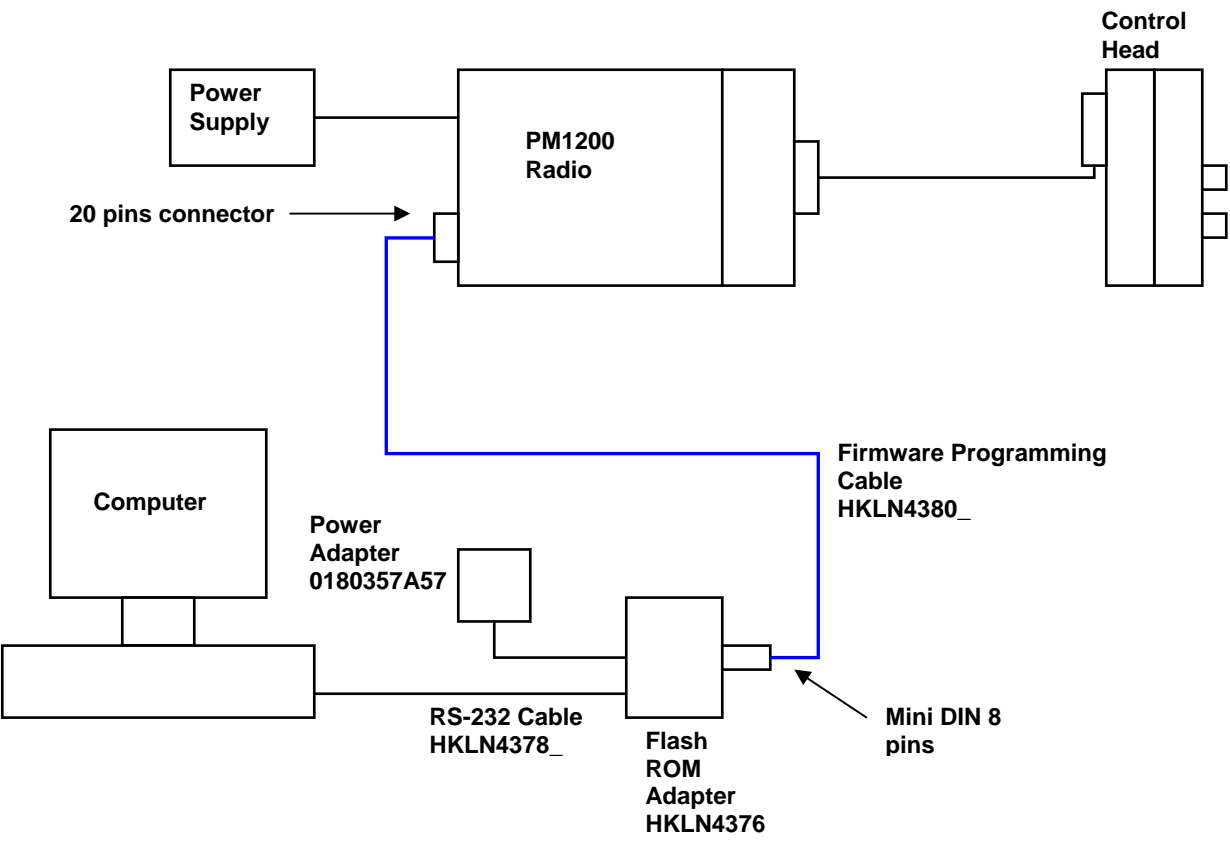
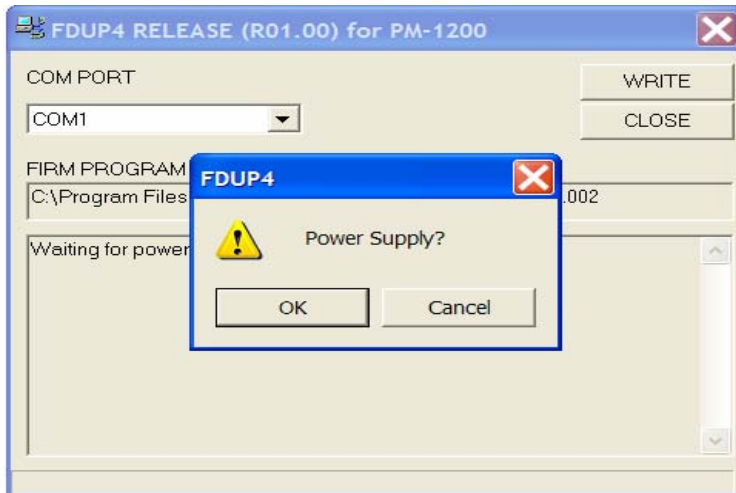


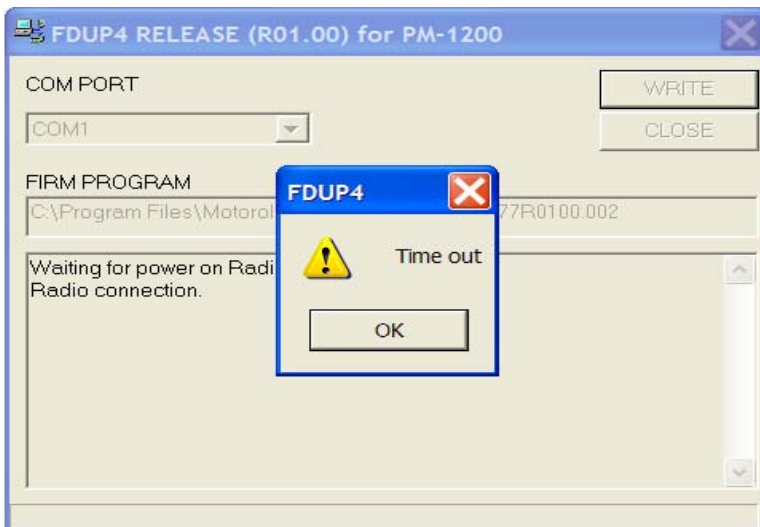
Figure 1: Firmware Upgrade Set-up

## How to Upgrade Firmware into the radio?

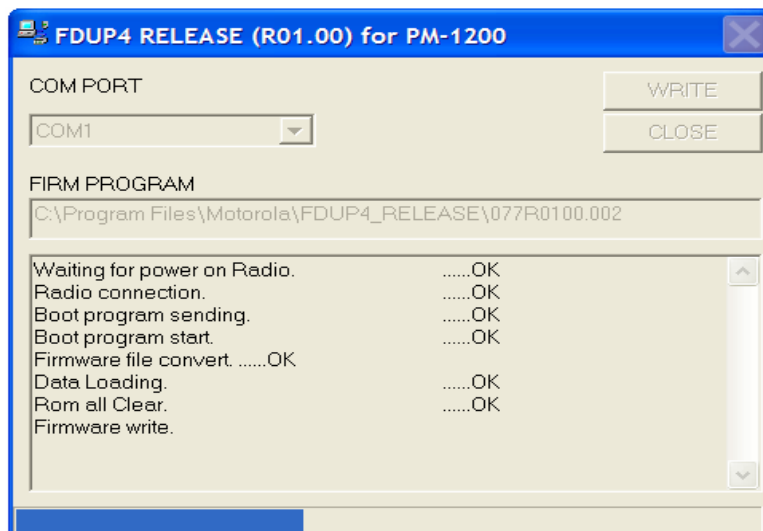
1. Turn off the radio.
2. Connect the 20 pins connector of the Firmware Programming cable to 20 pins Accessory connector of the radio. Connect the mini DIN 8 pins connector of the Firmware Programming cable to Flash ROM Adapter. The connection shown as Figure 1.
3. Turn on the power adapter of Flash ROM Adapter.
4. Click on the **WRITE** button.
5. A message box appears, as shown below.



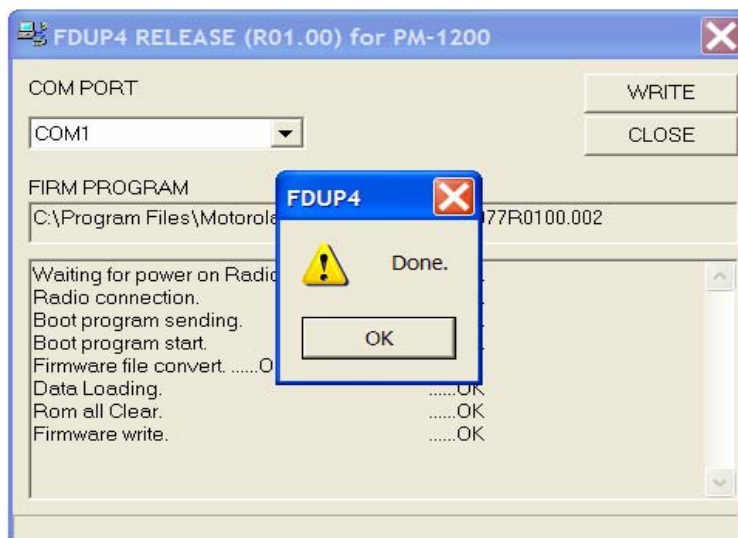
6. Turn on the power supply of the radio.
7. After 3 seconds, radio display shows "ACCESS".
8. Click on the **OK** button.
9. If the cables are not connected properly, the message box appears, as below. Please check the cable connection and repeat step 4 to 8.



10. If the cables connection are proper, the Firmware Upgrade Tool shows a writing process bar as below



11. Once completed, the following message box appears.



12. Click on the OK button to close it.
13. Turn off the radio and disconnect the Firmware Programming cable from the radio.

### Caution

The radio only can be turn on properly after the Firmware Programming cable disconnected from the radio.