

FA-07

PROCEDURE FOR SOFTWARE UPDATES

INDEX

1. GENERAL INFORMATION	1	2. SOFTWARE UPDATES.....	2
1.1 Update requirements.....	1	2.1 Changing the IP address on the PC.....	2
1.2 Free update file.....	1	2.1.1 Operating System Microsoft ® Windows XP.....	2
1.3 At cost update file.....	1	2.1.2 Operating System Microsoft ® Windows Vista.....	3

1. GENERAL INFORMATION

This document describes the procedure for software updates for the **FA-07** apparatus. Two types of updates can be available, one free and one at cost, identifiable by file name.

1.1 Update requirements

For software updates the following is required:

- The file containing the new software
- A Personal Computer with an Ethernet port and an Internet browser program
- A direct standard network cable (EIA/TIA-568A/B).

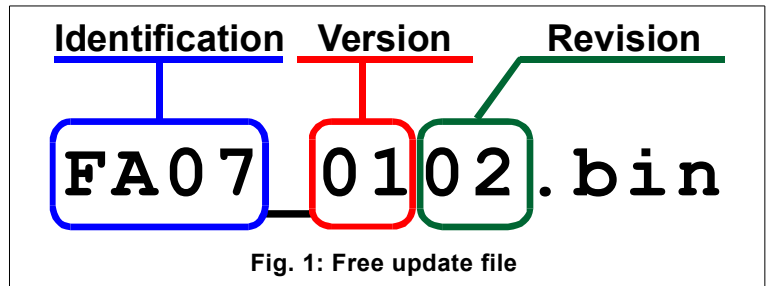
1.2 Free update file

The name of the file containing the free update software is composed of (see Fig. 1):

1. “**Identification**” of the **FA07** apparatus;
2. The software “**Version**”, indicated by the first two numbers;
3. “**Revision**” of the software version, indicated by the subsequent two numbers;
4. Extension (“.bin”).

Free software updates with new “Revisions” are only allowed for the same “Version”. For example, free upgrades can be made from the software version “**01 02**” to the version “**01 04**”, but not to the version “**02 01**”.

The installed software version is visible in programming step P.09 of the **FA-07**, under the heading “**Softw. version**”.

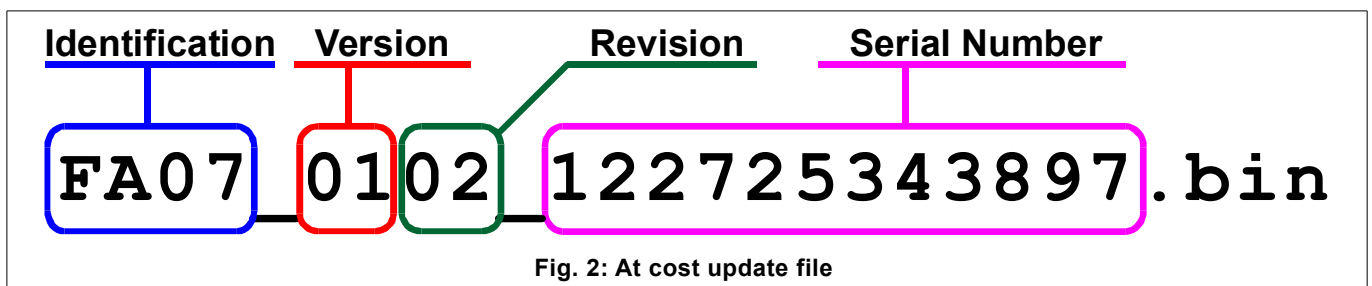


1.3 At cost update file

For software updates with an at cost version, it is necessary to communicate to the supplier the serial number (12 digits) of the **FA-07**, visible in programming step P.09, under the heading “**Serial number**”.

The supplier will then send the file containing the software. The name of the file is composed of (See Fig. 2):

1. “**Identification**” of the **FA07** apparatus;
2. The software “**Version**”, indicated by the first two numbers;
3. “**Revision**” of the software version, indicated by the subsequent two numbers;
4. “**Serial number**” of the FA07, made up of 12 digits;
5. Extension (“.bin”).



2. SOFTWARE UPDATES

FA-07 software updates should be made with a personal computer that has an Ethernet port, by following the procedure below:

1. Identify the file containing the new software and unzip it into a folder of the PC. Free versions of the software may be available on the Favero Electronic Design web site (www.favero.com), otherwise versions at cost can be received via email.
2. Temporarily set the IP address of the PC at the fixed value of "192.168.1.229". For this operation, see chapter 2.1.
3. Directly connect the PC's Ethernet port to the **FA-07**'s Ethernet port via a direct standard network cable (EIA/TIA-568A/B).
4. Switch on the **FA-07** while holding down the [F3] key; release the key when the graphic display panel begins flashing.
5. Launch a Web Browser, such as Explorer, Firefox, Opera or other, on your PC. Type in the IP address "192.168.1.230" in the browser's address bar (See Fig. 3).
6. On the page that appears on your computer (See Fig. 4), click on the "**Choose...**" button to browse the computer's folders and select the previously saved update file (of the type "**FA-07_0100_0201.bin**"). Then click on "**Open**" to confirm your choice.
7. Launch the software update program by clicking on "**Upload**". At the end of the operation the **FA-07** will emit a brief sound and the graphic display panel will stop flashing, while the message "UPLOAD COMPLETED" will appear on the PC screen.
8. Disconnect the PC and reset the IP address to its original setting. Switch off the **FA-07** and then switch it on again: the new software version can be viewed in programming step P.09.

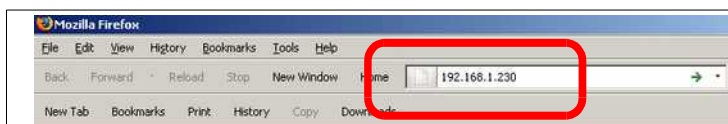


Fig. 3: Insert the FA-07's IP address

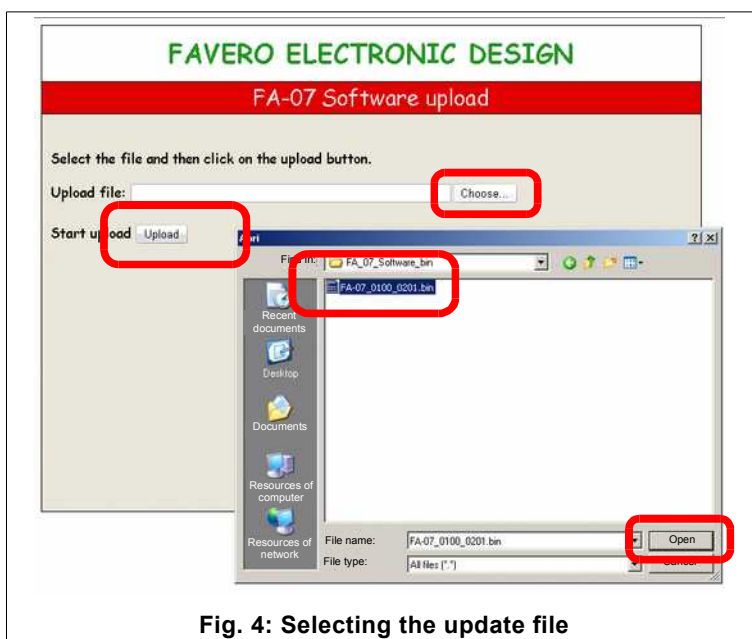


Fig. 4: Selecting the update file

2.1 Changing the IP address on the PC

The procedure for changing the IP address depends on the operating system installed on your PC and the settings. Following is a description of a generic procedure for the Operating Systems Microsoft® Windows XP and Vista. If difficulties should arise, contact a qualified technician.

2.1.1 Operating System Microsoft® Windows XP

1. At the bottom left, click on the icon "Start" → "Settings" → "Control Panel" → "Network Connections" → "Local Area Connection" (active) and then select the "Properties" button.

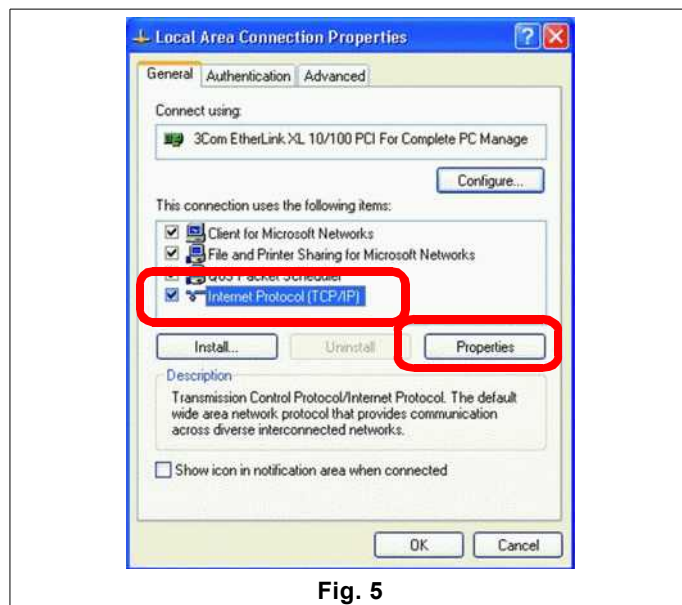


Fig. 5

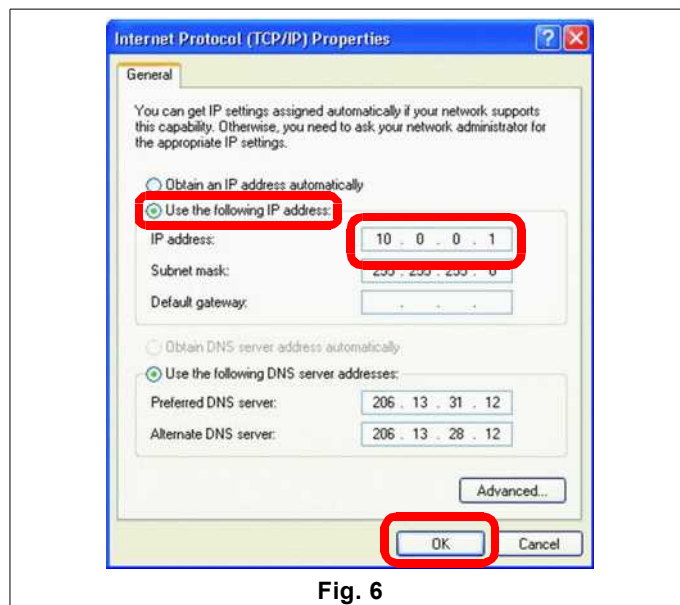



Fig. 6

2. In the window that appears (see Fig. 5) browse the menu and select **"Internet Protocol (TCP/IP)"**. Then click on **"Properties"** to visualize the window containing the currently set IP address (see Fig. 6).
3. Make a note of the current IP address so that you can reset it after you have finished updating the **FA-07**. Select **"Use the following IP address"** and change the IP address to the value 192.168.1.229. Then click **"OK"** to confirm.
4. Close all windows and proceed from step 3 of chapter 2.

2.1.2 Operating System Microsoft ® Windows Vista

1. At the bottom left, click on the icon  **"Start"** → **"Control Panel"** → **"Network and Sharing Center"** → **"Manage Network Connections"** → **"Local Area Connection Status"** to open the corresponding window (See Fig. 7).
2. In this same window (See Fig. 7) click the button **"Properties"** to visualize the window "Local Area Connection Properties" (See Fig. 8). Browse the menu and select **"Internet Protocol Version 4 (TCP/IPv4)"**. Then click on **"Properties"** to visualize the currently set IP address (See Fig. 9).
3. Make a note of the current IP address so that you can reset it after you have finished updating the **FA-07**. Select **"Use the following IP address"** and change the IP address to the value 192.168.1.229. Then click **"OK"** to confirm.
4. Close all windows and proceed from step 3 of chapter 2.

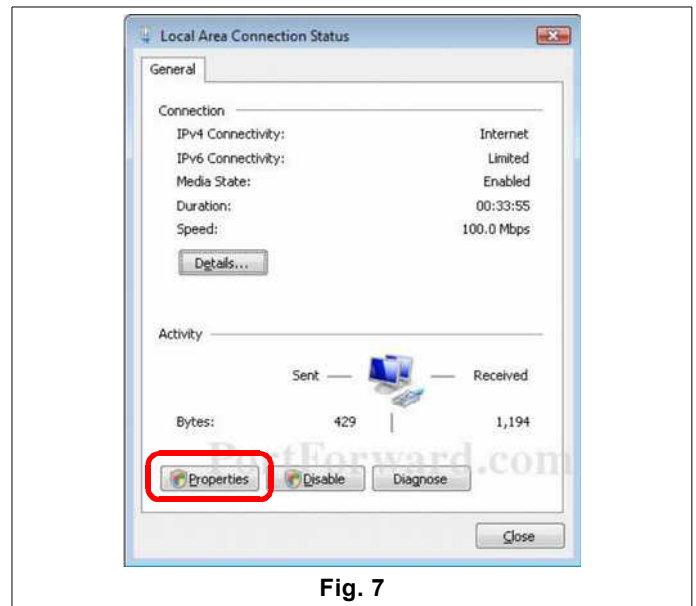


Fig. 7

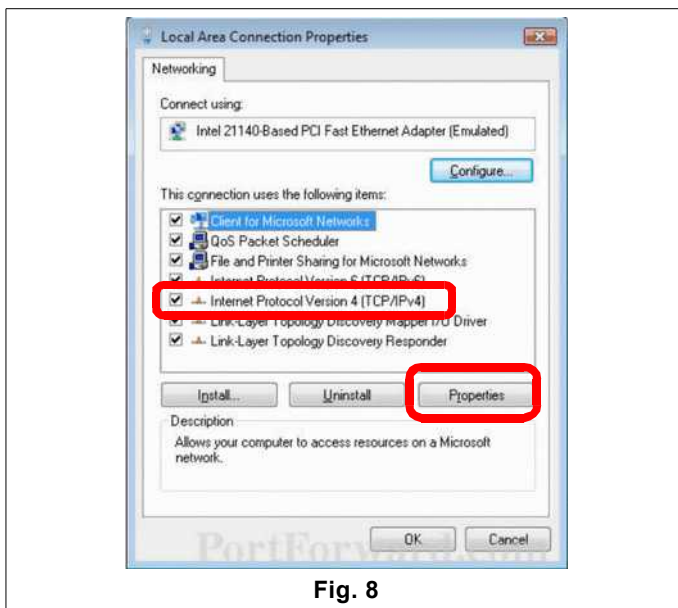


Fig. 8

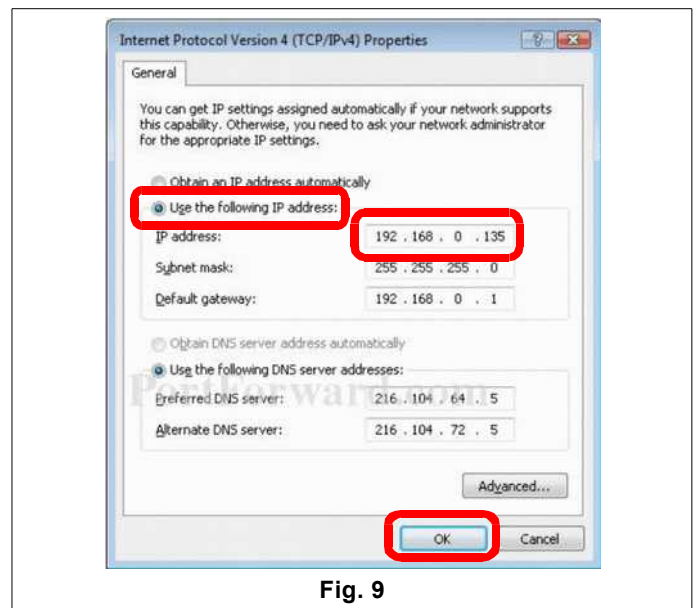


Fig. 9

