

1. Software upgrade by PC / v2.xx

1. Equipment to prepared

- * KAON Media Set-Top-Box series model.
- * PC (must have COM1 or COM2 port & Window95/98/NT/Me).
- * RS-232 Cable.

2. Power off the STB to be upgraded.

3. Connect your PC's COM1 or COM2 port with serial port of the STB by RS-232 cable.

4. Execute the PC program NewUp.exe and open file.

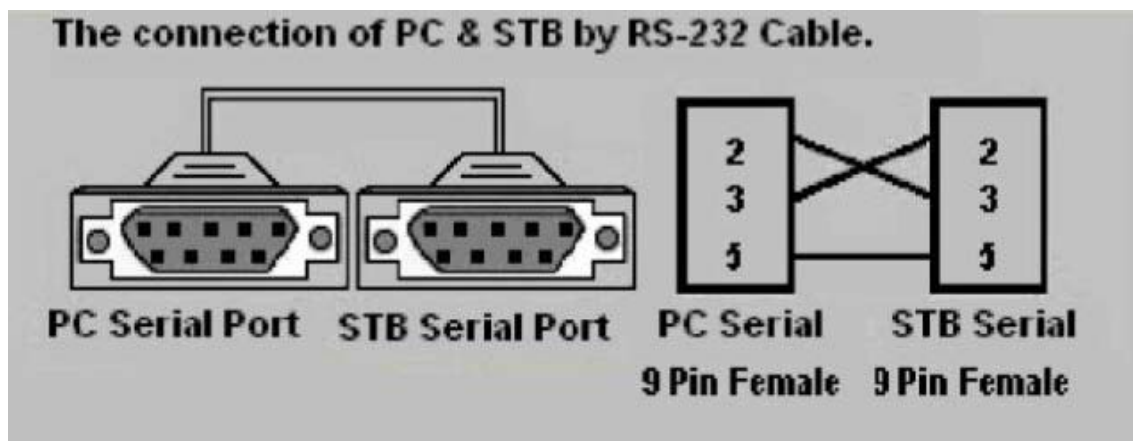
- * Open the file you want to upgrade newly. (example: KSC510.bin)

5. Power on the STB, then upgrading process between STB and PC starts automatically.

- * You can check upgrading procedure's state and percentage of the each state.

6. If there is not operative at all, then terminate NewUp.exe and retry from step 2 to step 5 again.

The RS-232 cable connection is like under.

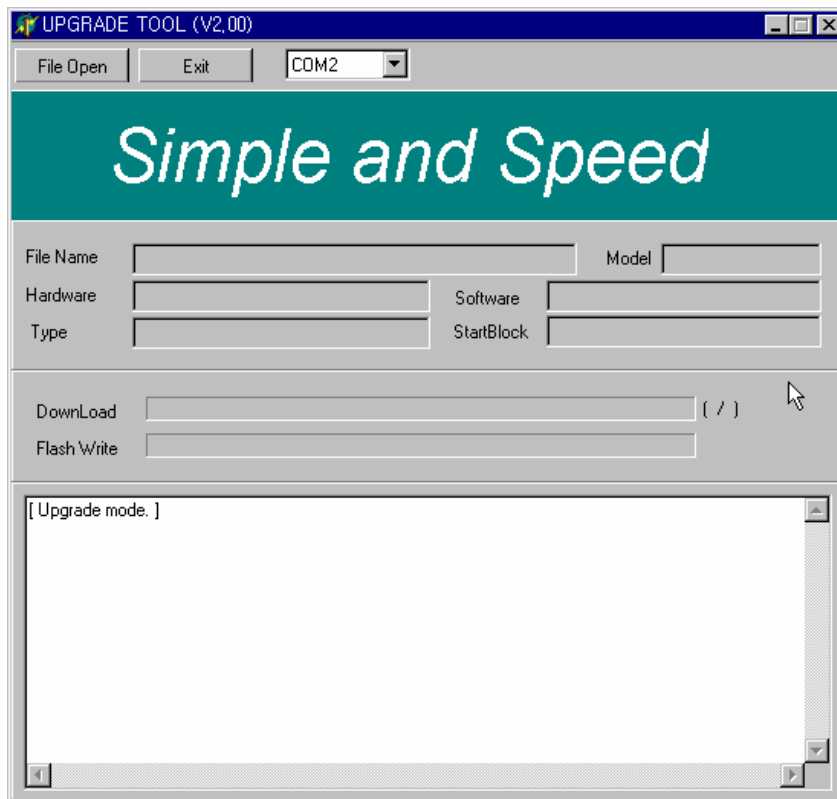


If there is any problem on upgrading software, then contact with www.KaonMedia.com.

This tool's function and an exterior view will be modified continuously to support some requirement.

Following pictures show sep-by-step case to manage window upgrade tool.

①. When you bring up executable file (:NewUp.exe).



This upgrade tool executes a different function according to file's type you will upgrade newly.

(example : CODE, DATABASE, LOADER)

You can upgrade your set-top-box's application software or channel data separately.

This tool always compares model name of the set-top-box with model name written in file's header.

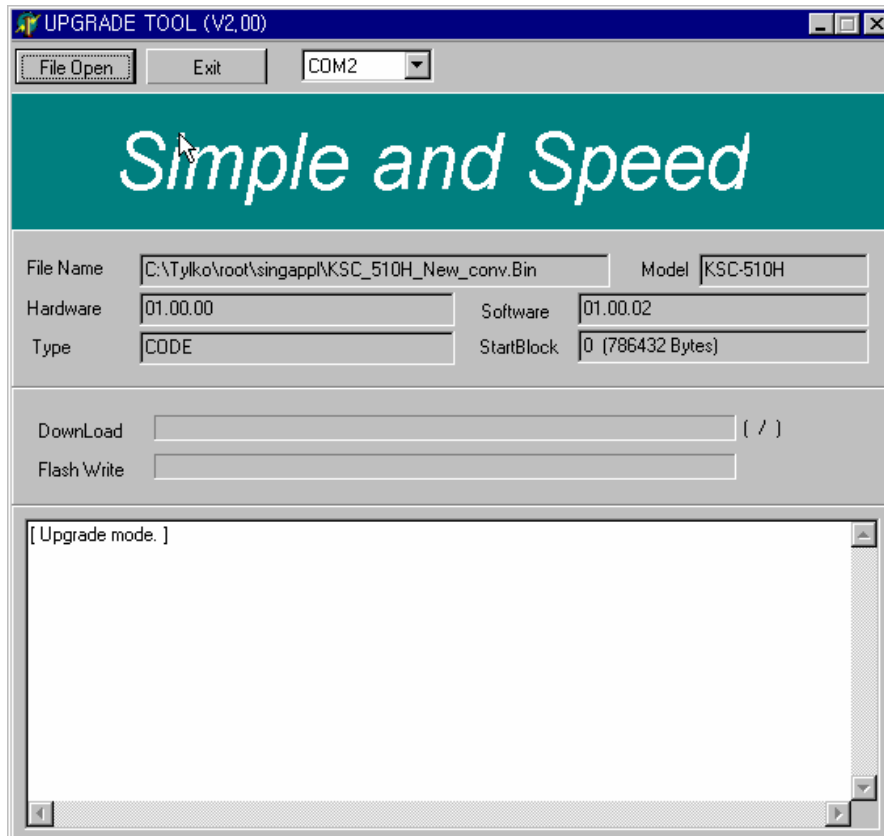
If you open target file, empty blank for information is written with accurate value.

If not matched, can't continue downloading.

②. When you open binary code used to upgrade.

You can see that empty blanks in the active window are filled with informative value explaining version, type and model name of the file that you will open.

The file size showed on the information board is smaller than real file size you can read via 'Window Explorer', because header data of the file (: 42bytes) is excluded.



③. *Switch-On set-top-box.*

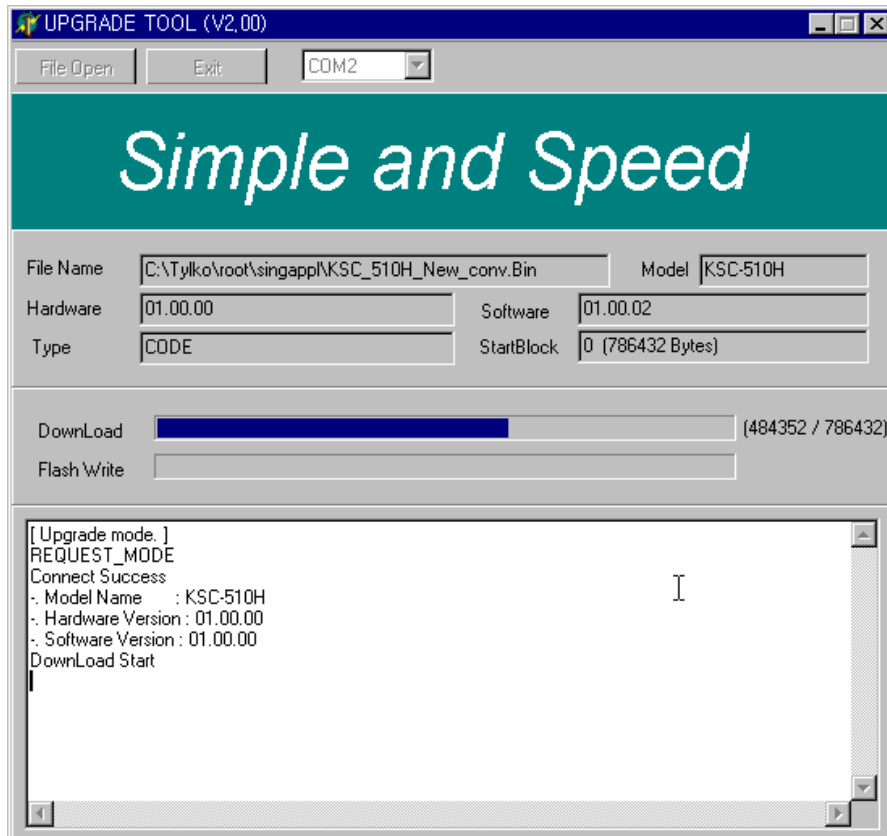
After finish connecting with two machines, you have to switch-on set-top-box with STAND BY power button in front of panel or power switcher in the rear panel.

You can see textual information regarding whether physical communication between set-top-box and PC started successfully or not.

The progress bar is increasing to show how much data of the file are already downloaded to the set-top-box.

The new software is working under hardware platform with version 01.00.00 and KSC-510H model.

If file's software version is higher than version of the software running under current platform for preventing product from being upgraded to the lower version.



④. *Over-writing with new software.*

As you know well, if set-top-box is off while over-writing with new software, should make a critical problem to the set-top-box.

Unless finish writing safely, application software may be corrupted. But, the serial boot-loader software will be executed permanently.

Upon finishing downloading and over-writing, 'Upgrade Tool' window disappears automatically.

