

Philips Software Upgrade with Portable Memory

Introduction

Philips offers software upgrade capability for your TV using USB portable memory. After you have completed the software upgrade, your TV will typically perform better. What improvements are made depends on the software you are using as well as the software your TV contained before the upgrade. You can execute the software upgrade procedure yourself. Be aware that the content of this document is addressing technical and software skilled users.

Preparing a portable memory for software upgrade.

For the procedure you will require:

- > A personal computer with web browsing capability
- > An archive utility that supports the ZIP-format (e.g. WinZip for windows or Stuffit for Mac OS).
- > A preferably empty USB memory stick.

Note: Only FAT/DOS formatted portable memory is supported.

Firmware upgrade procedure:

1. Download the *.Zip file from the customer website.

Note: The *.Zip file contains two software files.

- a. If the first three digits of your serial number is DS1 or DS2, use the file P190S_140_AB.ecc
- b. If the first three digits of your serial number is DS3, use file P190S_134_AB.ecc

2. Extract the *.ecc file for your serial number and load it to the root directory of a USB removable memory drive. Example of root directory would be "E:\".

3. Unplug the TV from the AC outlet.





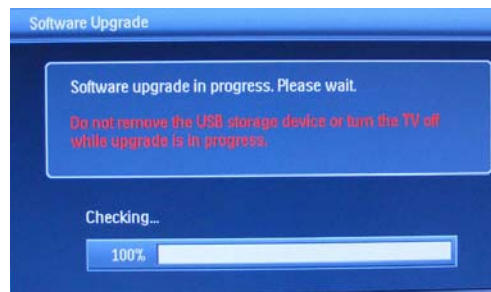
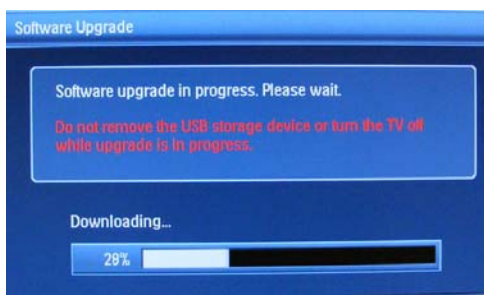
4. Insert the USB drive into the set.

5. Plug the set into the AC outlet.

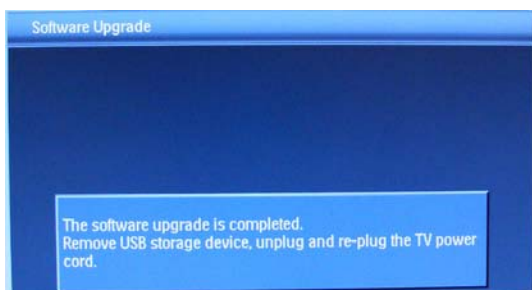
6. If the update does not automatically start, press the power button on the remote or on the set keyboard. **Do not unplug the TV or send a remote command to the TV** while the update is in progress as this will damage the TV.



The following screens will appear during the update process.



7. When the Software Upgrade Complete screen



appears, unplug

the TV from the AC outlet, remove the USB drive, then wait for 30 seconds before re-plugging.

Software History:

Version:

CP190S_1.1	Low level buzzing noise when the set is turned off.
CP190S_1.2	Not released
CP190S_1.3	Not released
CP190S_1.4	No audio on some analog channels.
CP190S_1.5	Countermeasure for no picture with certain DVD players connected