

# 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 may 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.
2. Extract the \*.ecc file for your TV and load it to the root directory of a USB removable memory drive. If you have Windows XP or greater, click on the \*.ZIP file. Then copy the \*.ecc file to the USB drive. Example of root directory would be "E:\".

3. Unplug the TV from the AC outlet.





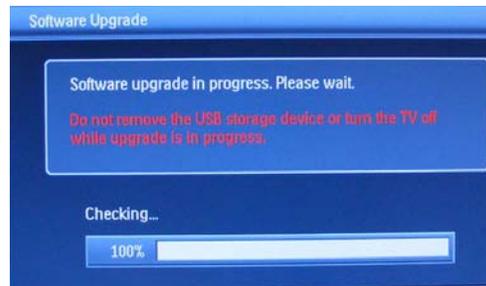
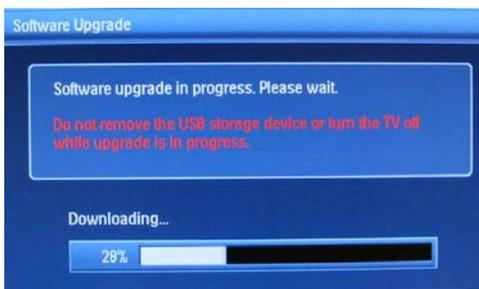
4. Insert the USB drive into the set.

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 is complete, the screen to the left will appear. Press the power button twice to turn the set off.

Note: When this screen appears, be careful not to press any button on the remote except the power button.

It will be necessary re-run auto-programming after installing this software.

## Software History:

Version:	Problems solved
ZPAF1PA_082_5	- Improved picture quality.
ZPAF1PA_094_0	- When a home theatre is connected by SPDIF and analog audio is connected to the TV, the home theatre outputs only one channel.
ZPAF1PA_097_0	- Home theatre connected using HDMI powers On when the TV is turned Off.
ZPAF1PA_101_0	- Channel map is erased when the set is turned Off.
ZPAF1PA_116_0	<ul style="list-style-type: none"><li>- Audio noise when the volume is changed if SRS is turned On.</li><li>- Intermittent no picture and sound when the TV is turned Off and On.</li><li>- Easy Link (CEC) "System Audio Mode Request" does not display when the speaker is set to Speaker Easy-Link.</li><li>- Easy Link (CEC) command to turn On is not transmitted to a home theatre connected with HDMI.</li></ul>
ZPAF1PA_119_0	<ul style="list-style-type: none"><li>- "System Audio Mode" does not turn On when Mute is selected on the TV.</li><li>- TV does not receive remote commands while in standby.</li><li>- USB audio is output from the TV Speakers when the TV is connected to a home theatre using HDMI.</li></ul>
ZPAF1PA_128_0_745	- Vertical line on one side of the screen.
ZPAF1PA_129_0_2206	- Improves power supply operation.