

# Topfield Firmware Patcher

Application for Microsoft Windows

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Software:  FireBird

Documentation:  mwordeme

Download & Support:

<http://www.topfield-europe.com/forum/showthread.php?t=2297>

## Contents

Introduction .....	1
Disclaimer .....	1
Preparations .....	2
Loading the Firmware.....	3
Selecting the Patches.....	4
Saving the Firmware .....	6

## Introduction

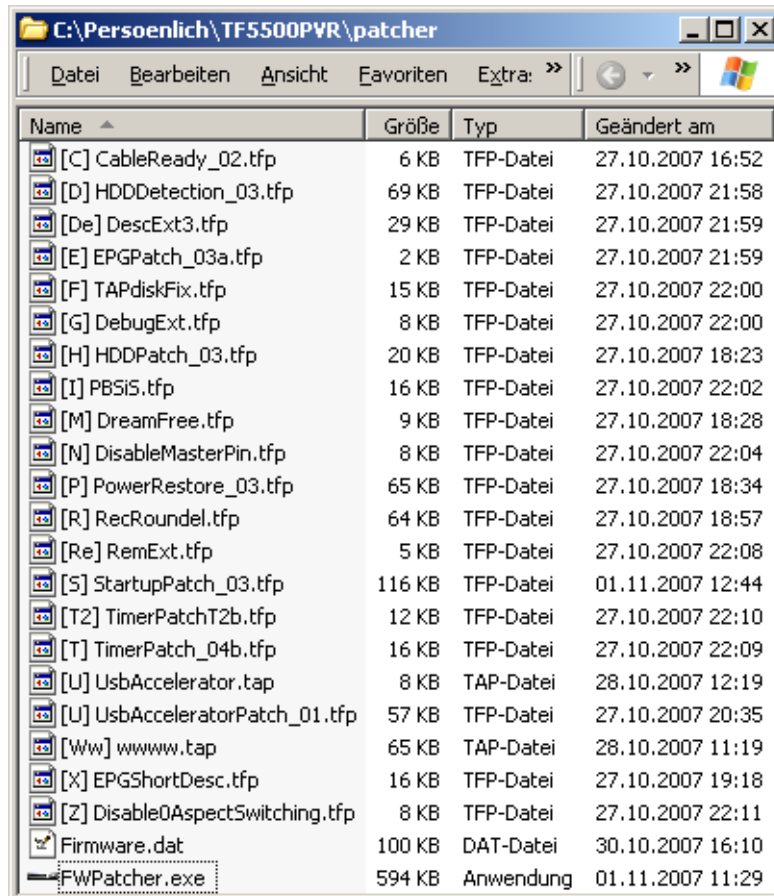
The Topfield Firmware Patcher provides for the integration of modifications and bug fixes (so called patches) into the firmware of Topfield receivers. Under certain circumstances, those modifications can also be removed again, later.

## Disclaimer

The Topfield Firmware Patcher has been widely and successfully utilized. Nevertheless, there is a risk of data loss or damage when used improperly or in untested environments or configurations. Accordingly, you should use the application only after making a successful back-up of your data. The Topfield Firmware Patcher is provided to you as an accommodation and without any warranties, representations or guarantees of any kind, including, without limitation the warranty of merchantability and of fitness for a particular purpose.

## Preparations

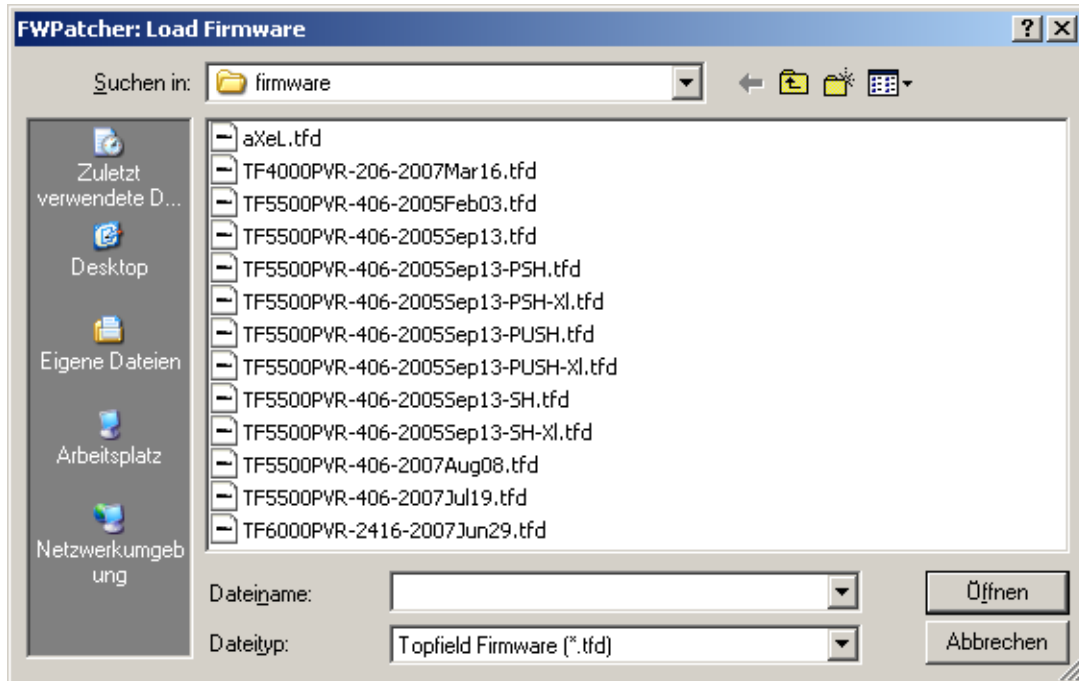
The FWPatcher.exe program must be extracted into a directory on a computer running Microsoft Windows together with the supplied file Firmware.dat and the patches you wish to apply. The firmware to be modified must also reside on this machine.



FWPatcher.exe can now be launched by double-clicking the program.

## Loading the Firmware

On start-up of the application, a file selection dialog prompts you to select the file containing the firmware to be modified.



When you have confirmed your selection by pressing *Open*, the firmware is being loaded.

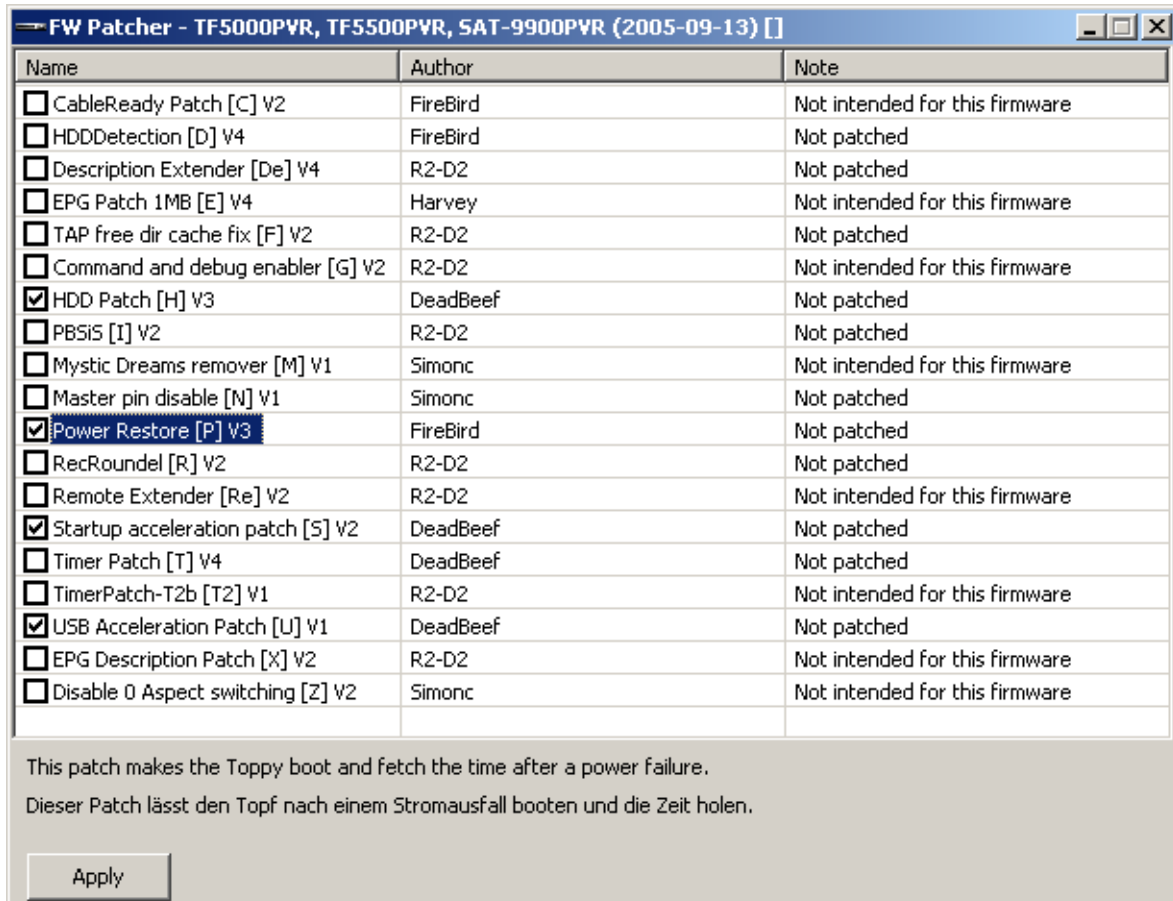
If you try to load a firmware which has been modified for aXeL using the TfdExtender, the Topfield Firmware Patcher will fail with an error message. The firmware must be patched, first, and only afterwards be prepared for aXeL.



The same message will be displayed if you try to load a firmware for an unsupported receiver model.

## Selecting the Patches

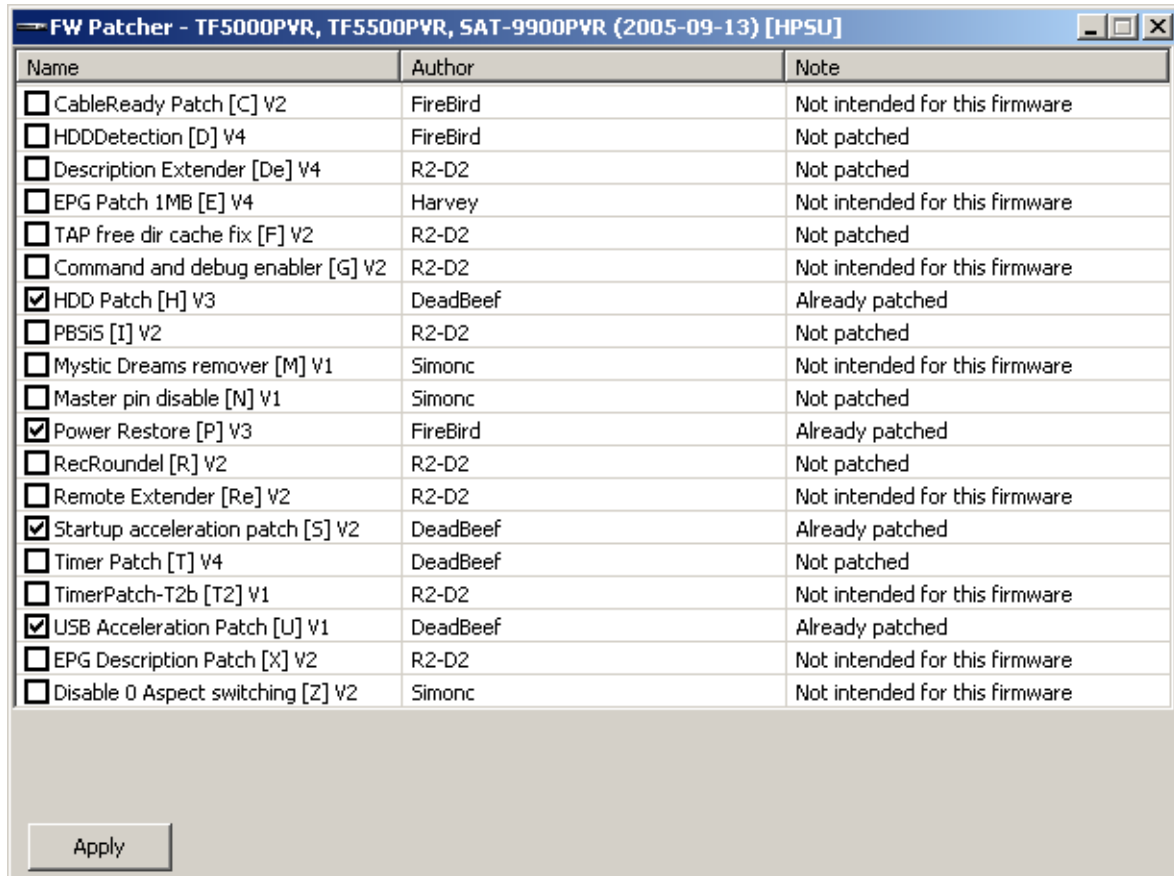
The Topfield Firmware Patcher displays a list of all patches found in the start directory, their authors and the compatibility with the loaded firmware. In addition, it shows a short description of the currently selected patch.



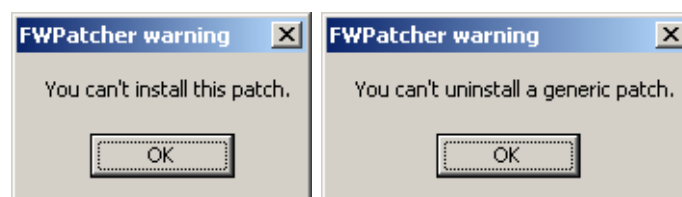
In the rightmost column, the following remarks regarding the compatibility with the firmware may be displayed:

- **Not patched:** The patch is not yet contained in the loaded firmware and can be applied.
- **Not intended for this firmware:** The patch cannot be applied to the firmware.
- **Already patched:** The patch is already contained in the firmware, but can be removed.
- **Already patched (can't be removed):** The patch is already contained in the firmware and cannot be removed. This may be the case because either the firmware was released with this patch built-in or the patch does not contain specific instructions for this firmware.

When a patched firmware has been loaded, the Topfield Firmware Patcher displays the identifying letters of all patches included. All newer patch versions are labelled accordingly.



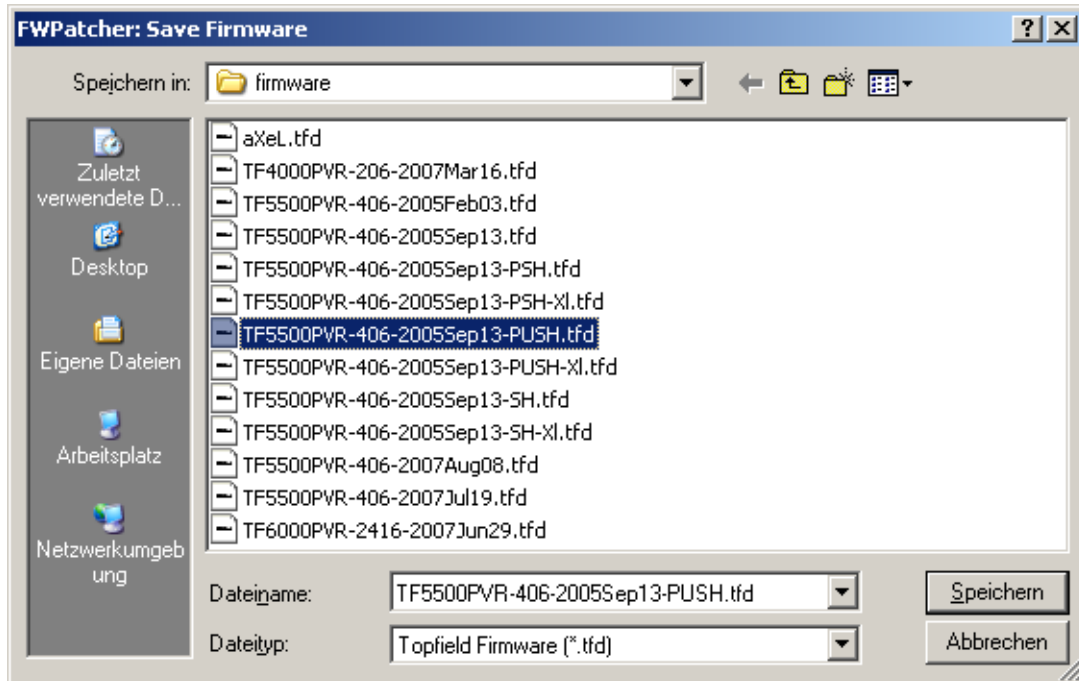
Check the patches you want to apply and uncheck the ones to remove. You cannot select an inapplicable patch or deselect a patch which cannot be removed. A warning will be displayed if you try to.



By pressing *Apply* you confirm your selections.

## Saving the Firmware

After your confirmation of the selections, a file selection dialog prompts you for the name of the file for the modified firmware.



When you have pressed *Save*, the modified firmware will be written to the designated file. You will be informed of the success of the operation.



You can load the modified firmware into your receiver using TopSet, TFDN, VegaPack or Altair in conjunction with the HDFW TAP.