

## Wiri's firmware compare

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### Disclaimer / License

This software is provided "as is". Use at your own risk. It is complete freeware. No nagscreens, no spyware, Comes in source code form so you can modify it in anyway you see fit.

However if you modify the code and distribute it to others than you must distribute it under another name and give me credit for my work and take credit/blame for yours.

### Introduction

Wfw-comp lets you compare the Philis firmware currently in your satellite receiver with the one you plan to overwrite it with. It shows you which blocks are different. Using lookerflash or FlashCvt you only have to program the blocks that have changed.

### Tested on:

Mandrake Linux 9.1 with both gnome and KDE  
Windows XP Professional SP 1 ( English)

### Installation

Retrieve the proper runtime for your platform (Linux or Windows) from  
<http://www.luascript.thersgb.net/>

**Linux:** extract the tarball to a location of your choice under your homedir . eg \$HOME/Lua.  
Place Wfw-comp files ( see below ) in \$HOME/Wfw-comp

Start bashshell and type:  
cd Wfw-comp <Enter>  
\$HOME/Lua/wxLua Wfw-comp.lua <Enter>

**Windows:** unzip file to c:\Lua  
Move Wfw-comp files ( see below ) to C:\Wfw-comp  
Start a commandprompt and type:  
cd \Wfw-comp <Enter>  
c:\Lua\Wxlua.exe Wfw-comp.lua <Enter>

### Manual

- Use the browse ( ....) buttons to select the Current\* and New\*\* firmware.
- Select 2 MB Flash or 512 KB Flash Mode ( you can do a 512 KB compare on 2 MB firmwares but you **cannot** do it the other way around)
- Press the compare button
- Use your favourite serial patch tool to write only the blocks that are different to your receiver

### Error Messages

The program will generate error messages when:

- Current and/or New firmware are 512 KB in size and Mode is set to 2 MB flash
- Current and/or New firmware are not 2 MB or 512 KB if Mode is set to 512 KB
- the files Empty.bmp and/or Full.bmp cannot be found

Have fun

Wiri

\*) the firmware you have in your receiver now

\*\*) the firmware you plan to program your receiver with

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#### Files

Wfw-Comp.lua - The program

Empty.bmp - bitmap for same block

Full.bmp - bitmap for different block

Readme.pdf - this file