TV-Out Solution for all GP2x WIZ

1. HowTo build /configure a TV-OUT cable - the Hardware

1. Take (or order) a proper Samsung-Connector
   e.g. from here (thanks *sbock* for the source!):

http://www.ipmart.com/main/product/LG,C1100,,C2200,,U8110,,G7050,,Samsung,E720,,E810,,Z500,24,Pin,Connector,Compatible,9698.php?prod=9698

...or buy a Samsung E810 data cable (and dissolder the Connector)

2. Take (or buy) an ordinary Single-Cinch (Video-only) or a Triple Cinch Cable (Video-yellow, Audio Left-white, Audio Right - red).
3. Cut all the Plugs on one side
4. Open the Samsung connector and solder the lines to the proper pins:

19 - Ground
20 - Video out (Composite/FBAS)
23 - Audio left
24 - Audio right

The EXT connector on the Wiz (and the Samsung E810 plug) count this way:

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24                     1
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5. the shield of all three cables to Pin 19 (Ground)
6. the video line to pin 20 (CVBS, [FBAS])
7. the white line to Pin 23 (Audio left)
8. the red line to Pin24 (Audio right)
9. that's all ;o)
10. maybe you must use a cutter knife to cut the two (or three) plastic bars ontop the Samsung connector (which could block in some cases the smoothly WIZ plug in!)

2. HowTo build /configure a TV-OUT cable - the software

1) Copy the attached files to GP2x WIZ -> built in
2) Find tv_test.gpu and press "B" so you can see the chess board
3) When you see it please press the left key from the D-Pad
4) Then press "select"
5) Then you can be connected to the TV
6) Now you are able to use the TV-OUT function
7) **Important:** the TV-OUT is only NTSC, not (!) PAL (Europe)!
   So a proper TV/Monitor (Autosense 50/60Hz and NTSC/PAL option) is needed !

Disclaimer:

All modifications at your own risk ! Keep in mind, the warranty of your WIZ will lost at any incorrect modification or a damage as result!

by andYManOne 2009 / 2010 (last update 09.01.2010)
Feel free to contact me at: Yourbrain@gmx.net or www.gp2x.de