

This works on my pc and my eken m001 but I cant guarantee that it will work @ your stuff!  
I am not responsible for anything like wasted time because it is not working and so on...  
This is not perfect and ongoing work, so perhaps I will update this file...

You need:

Working mediaportal installation with tv-tuner (Dvb-T/S/C,perhaps analog) [www.team-mediaportal.com](http://www.team-mediaportal.com)

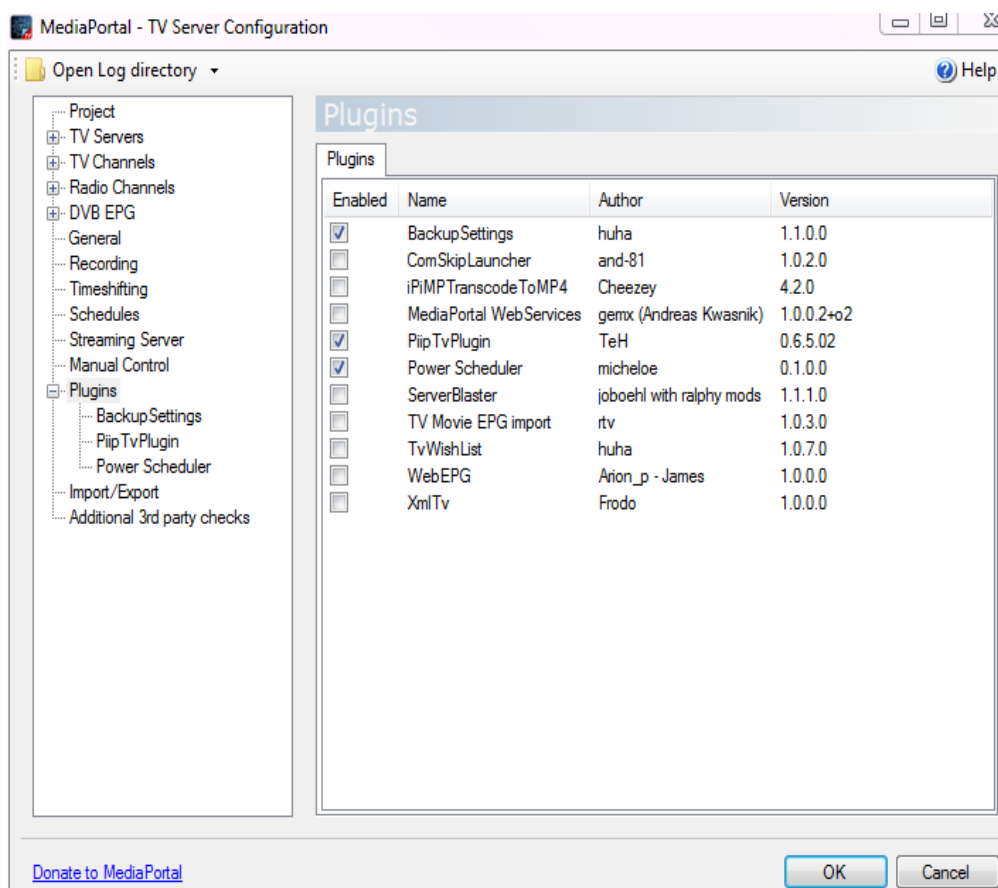
( i am using this already for live tv and as httpc)

Plugin : piipTV <http://piiptv.japo.fi/> (Originally for nokia phones)

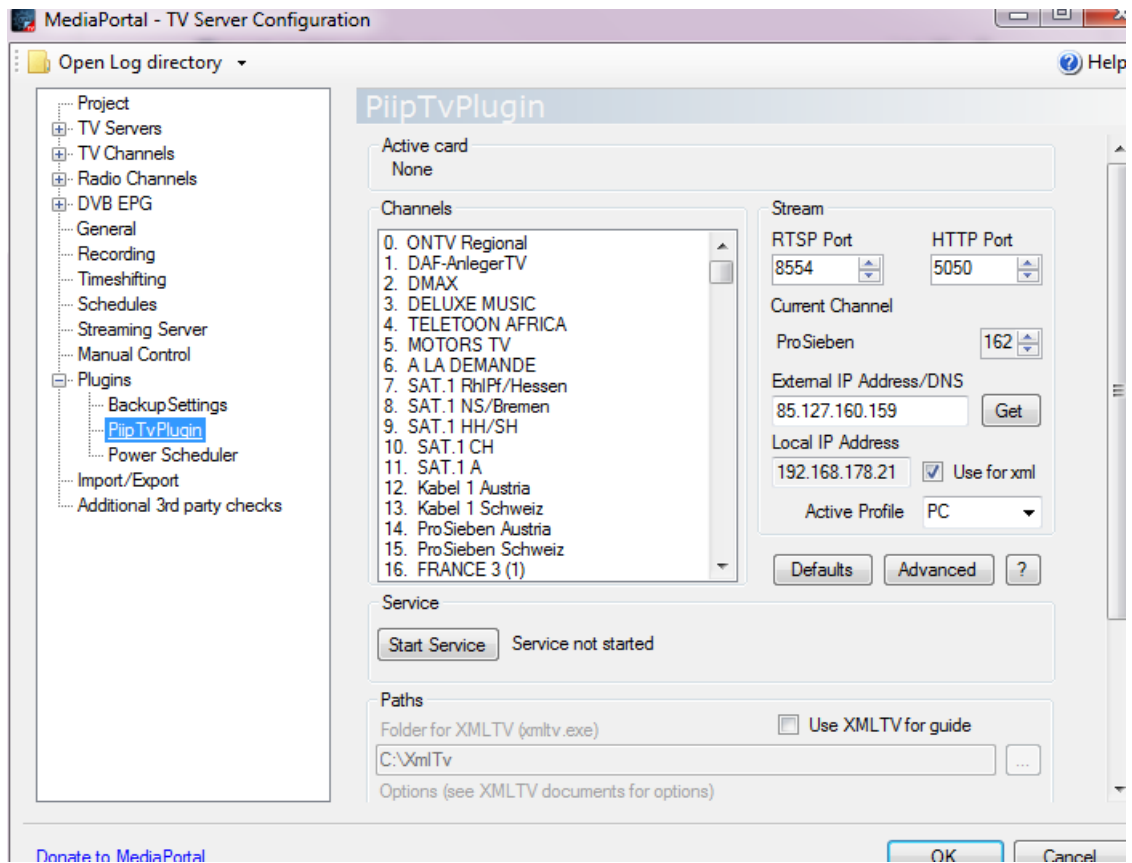
Vlc (best a portable version, so you can use the installed version for watching movies) [vlc.com](http://vlc.com)

(inspired by <http://androidstreaming.weebly.com/>)

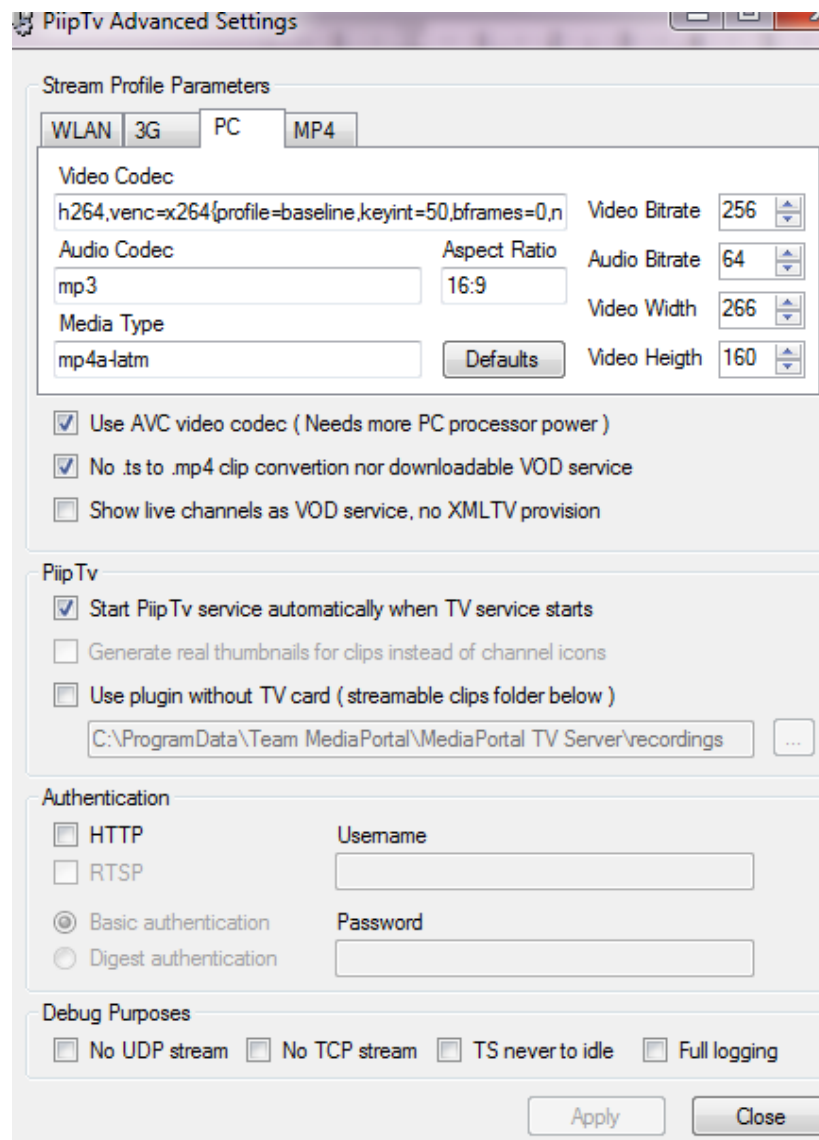
You have to activate the piipTV plugin inside mediaportal tv-server configuration:



Then go to the piipTV plugin and click on advanced :



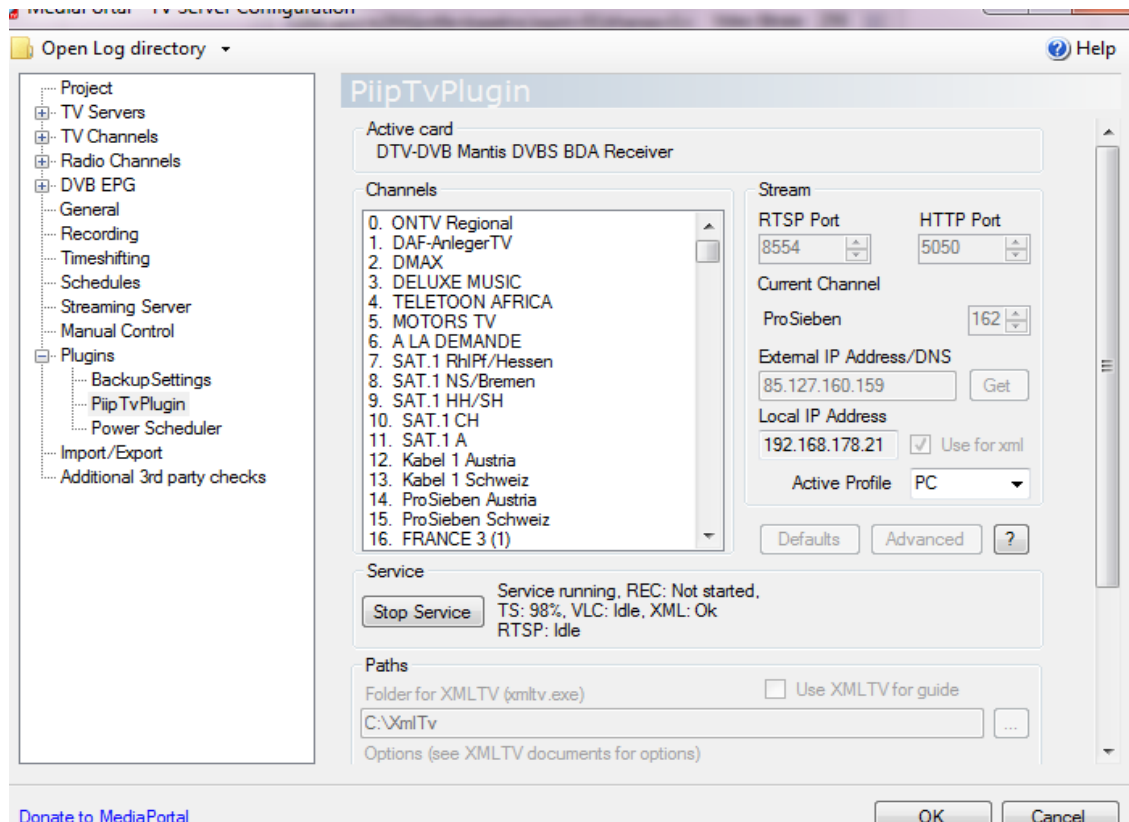
i made all the settings for the different profiles the same, because i don't know exactly which one will be chosen by piipTV to stream:



Video codec is not changeable, i think, i changed only bitrate and video size here.  
Select Start piipTV service automatically when tv-service starts.

Apply and close

then start piipTV service:



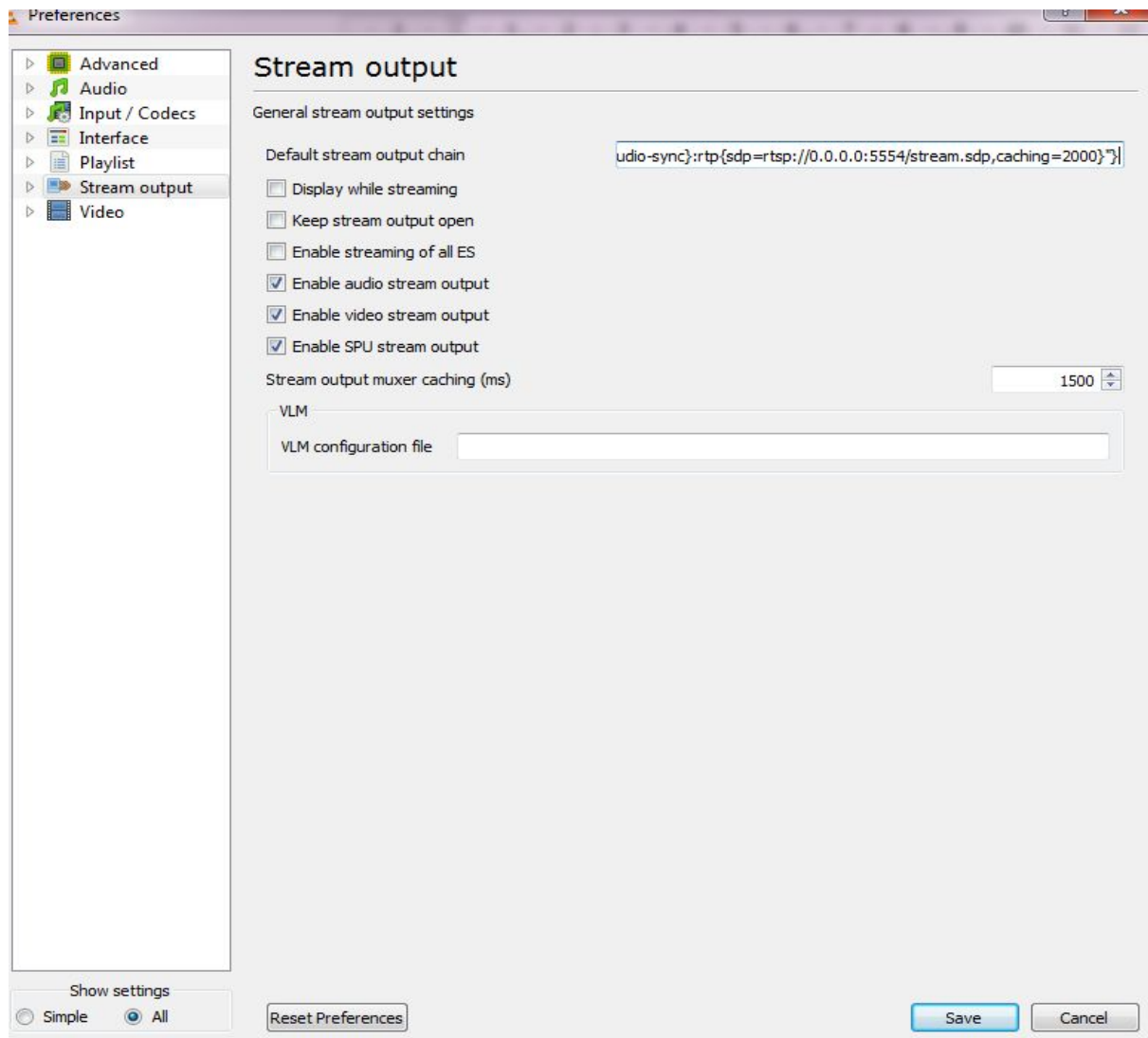
Start vlc, go to tools-preferences, click on show all go to streaming:

paste this:

```
#duplicate {dst="transcode {vcodec=h264,vb=256,fps=20,venc=x264 {profile=baseline,keyint=50,bframes=0,no-cabac,ref=1,vbv-maxrate=256,vbv-buftype=128,aq-mode=0,no-mbtree,partitions=none,no-weightb,weightp=0,me=dia,subme=0,no-mixed-refs,no-8x8dct,trellis=0,level1.3},vfilter=canvas {width=266,height=160,aspect=266:160,padd}soverlay,acodec=mp4a,ab=64,channels=1,samplerate=44100,audiosync} :rtp {sdp=rtsp://0.0.0.0:5554/stream.sdp,caching=2000} "}
```

in to stream output/ default stream output strain:

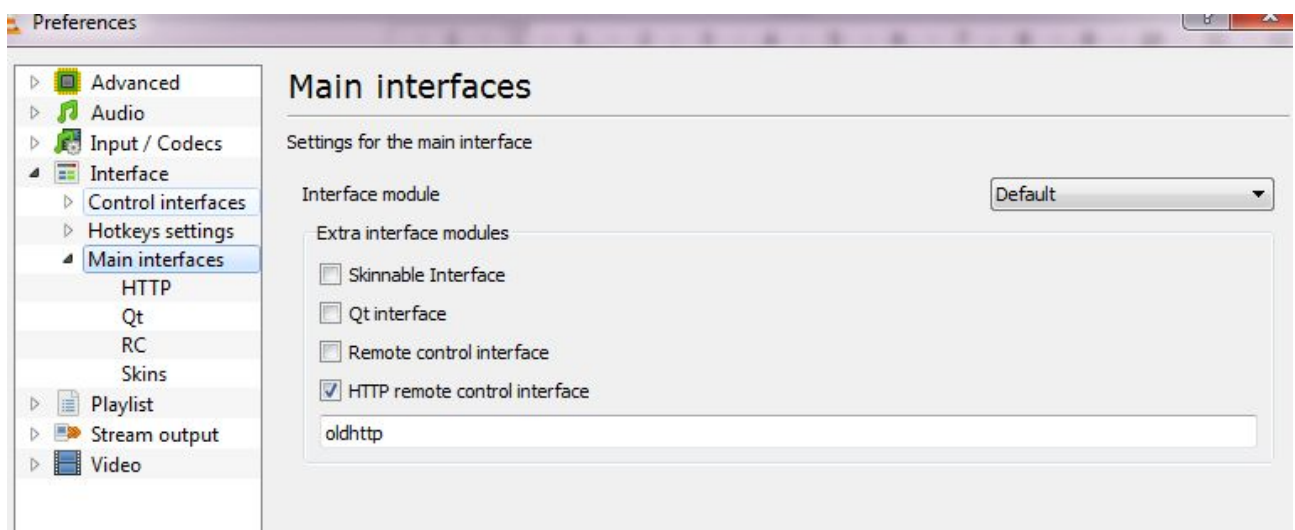
(there is room for improvements, like changing fps, bitrate etc)



now streaming would work, but we need an easy way to change channels etc...

Copy my webinterface (or use any other) under `c:\Program Files\videolan\vlc\http` and replace the files which are there already.

Then go back to the Vlc player Preferences, and enable http interface under interfaces.

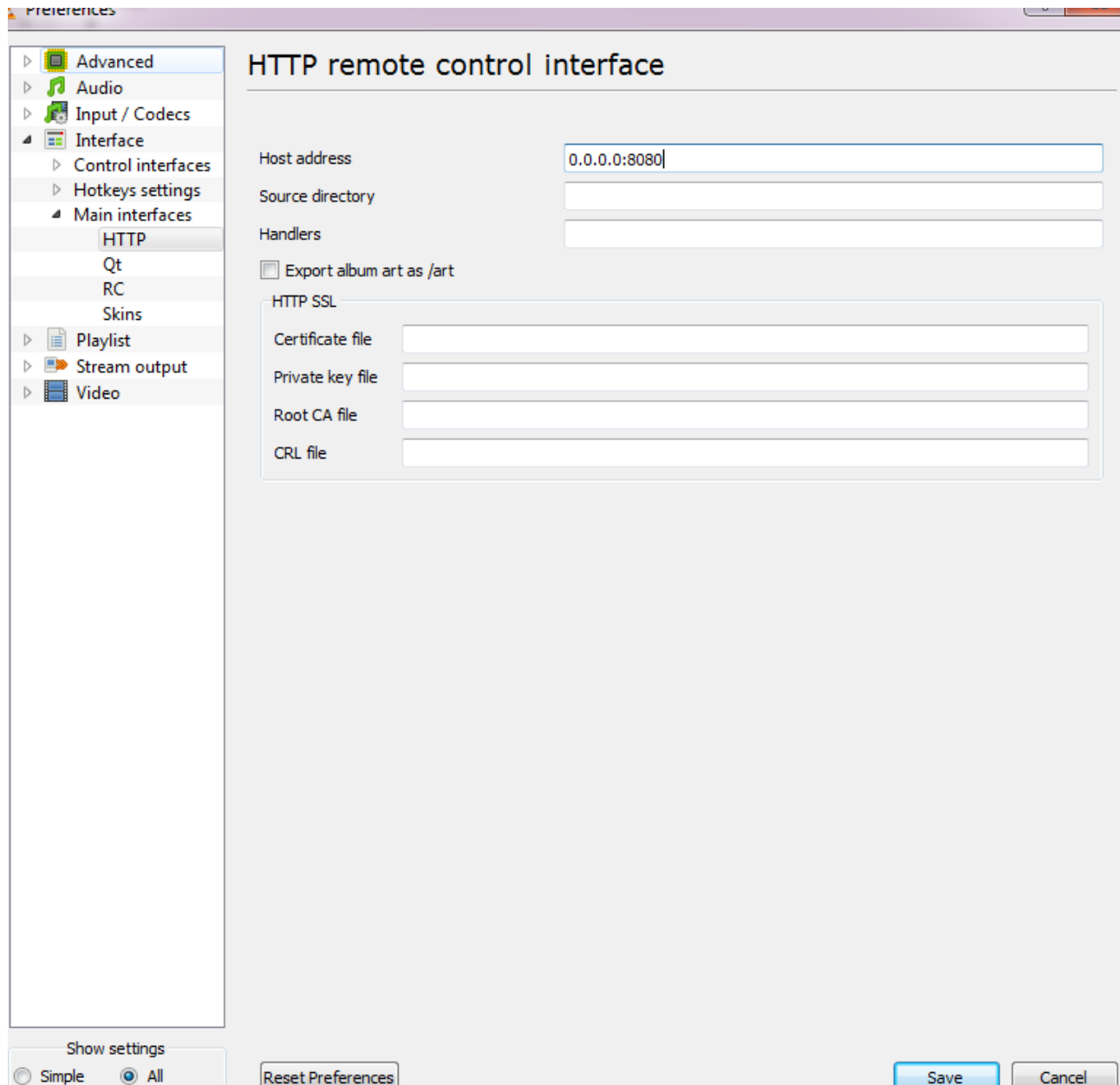


Perhaps you have to edit the .host file under c:Program files/videolan/vlc/http and remove # before the private ip addresses

And perhaps you have to write something like 0.0.0.0:8080 or your-ip:8080 under :

but i am not sure...

and there are better howto's in the internet for the http interface of vlc.



Webinterface should now be reachable under 127.0.0.1:8080 or your-ip:8080

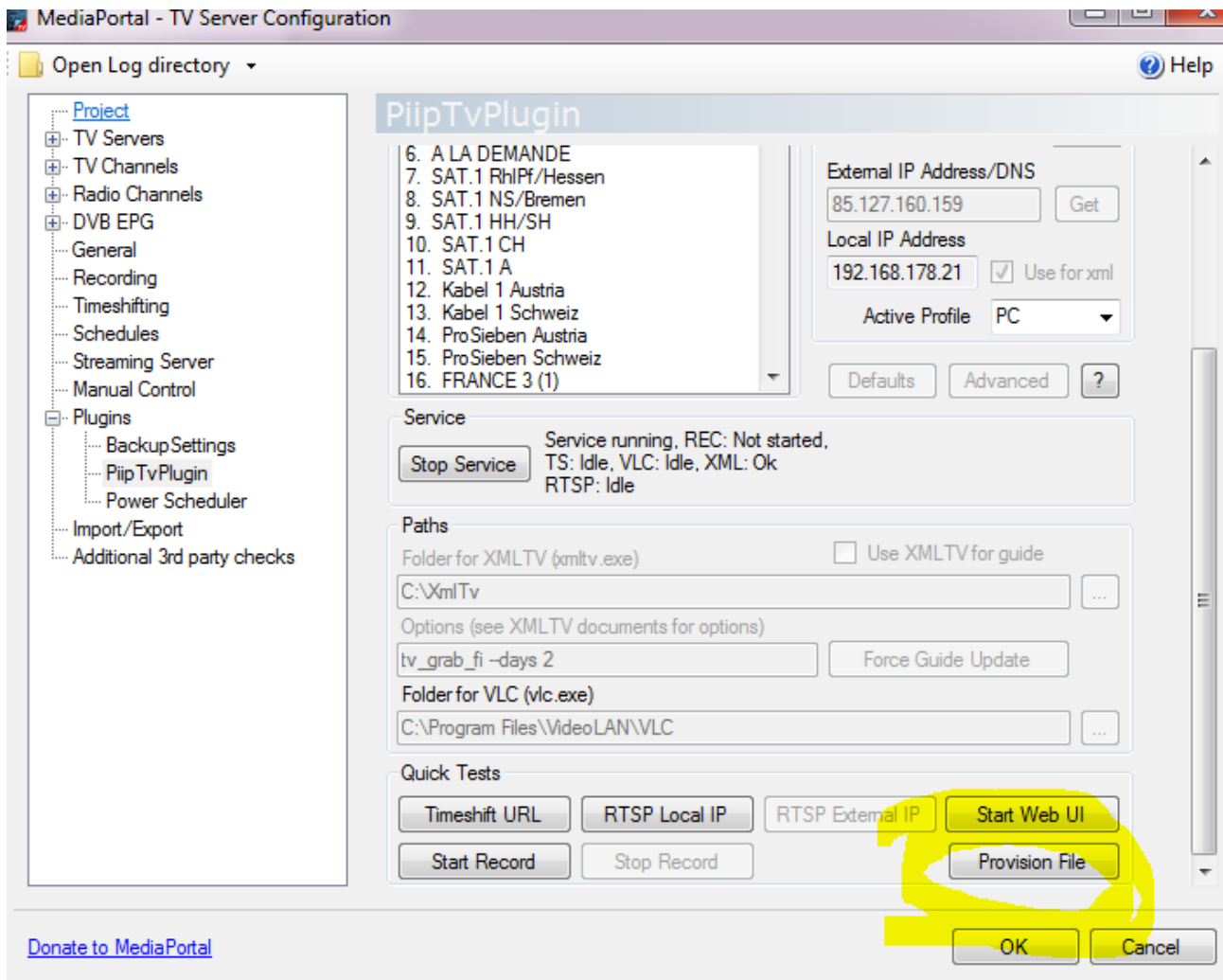
Now we need a playlist with the channels:

Under vlc- view click on playlist, right click on the empty playlist file, go advanced – network and there you can add one channel.

In vlc , go to media – save playlist to file, for example save as liveTV.m3u.

Where to find channel addresses:

In Mediaportal tv-server configuration piipTV click on provision file:



Go to the file, open it via browser or else and then copy the address for one channel and paste it into vlc playlist.

Open that file with text editor and paste there the other channels you would like to watch on android.

Example:

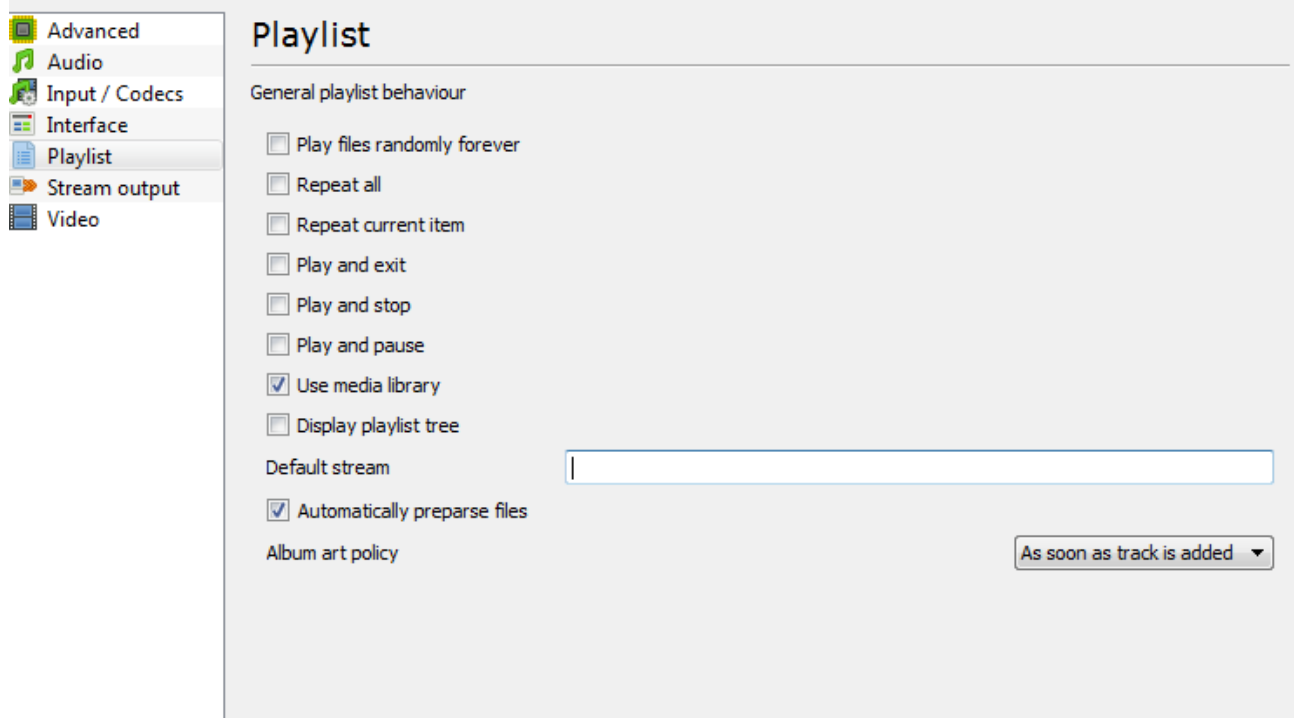
```
#EXTM3U
#EXTINF:9999999,Dummy
vlc://pause:9999999
#EXTVLCOPT:rtsp-caching=1200
rtsp://192.168.178.21:8554/liv_sat.1a.sdp
#EXTVLCOPT:rtsp-caching=1200
rtsp://192.168.178.21:8554/liv_prosieben.sdp
#EXTVLCOPT:rtsp-caching=1200
You will find the channel address under
```

etc...

The Dummy entry is for vlc playlist autostart, vlc plays the dummy file as long as somebody stops it and change to another item on the playlist. (if there is no dummy, vlc would stream the first entry tv channel and the tv card would be locked for other programs,like mediaportal)

Then :

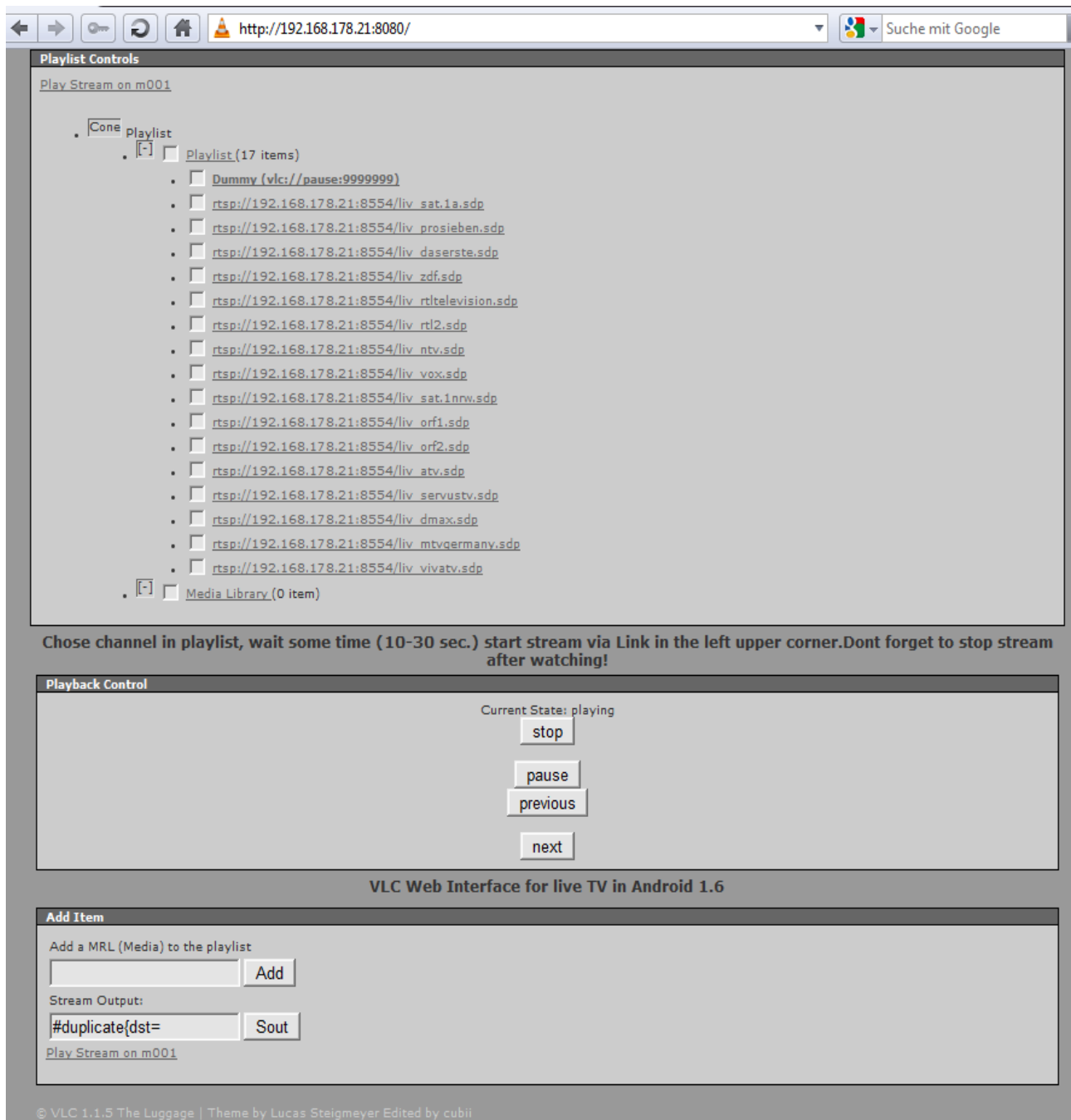
in vlc under point playlist paste path to the playlist live-tv you have created before:



Save it, make vlc autostart via shortcut in windows-Start-Autostart



And open yourip:8080 in android Browser:



(this picture is from pc-Browser)

click on stop → Dummy file will stop playing

Click on channel on playlist

wait, vlc will connect and after some seconds you can start the stream via the link in the left upper „Play stream on m001“

Perhaps try it one or two times more if it wont work or vlc gives some error.

You can control in piipvtv, if there is a udp streamer connected, stream should work.

After watching tv, don't forget to select stop, because vlc would stream as long the pc is on...and the tv card would be locked...

I use this android app: “stream media player” for streaming, but normal video/movie player should also work.

DONE!

Thanks to Team mediaportal, Developer of PiipTV plugin, Author of <http://androidstreaming.weebly.com/>  
And the vlc team

And of course slatedroid.com people/Devolpers!

And of course this is not a nice way to stream tv to a client but it works as a work around...

It would be better to change the piipTV settings directly...but i cant do this.

Questions: [cubii@operamail.com](mailto:cubii@operamail.com)

but i will not check the emails there more than 6 times a year.. better write in the forums