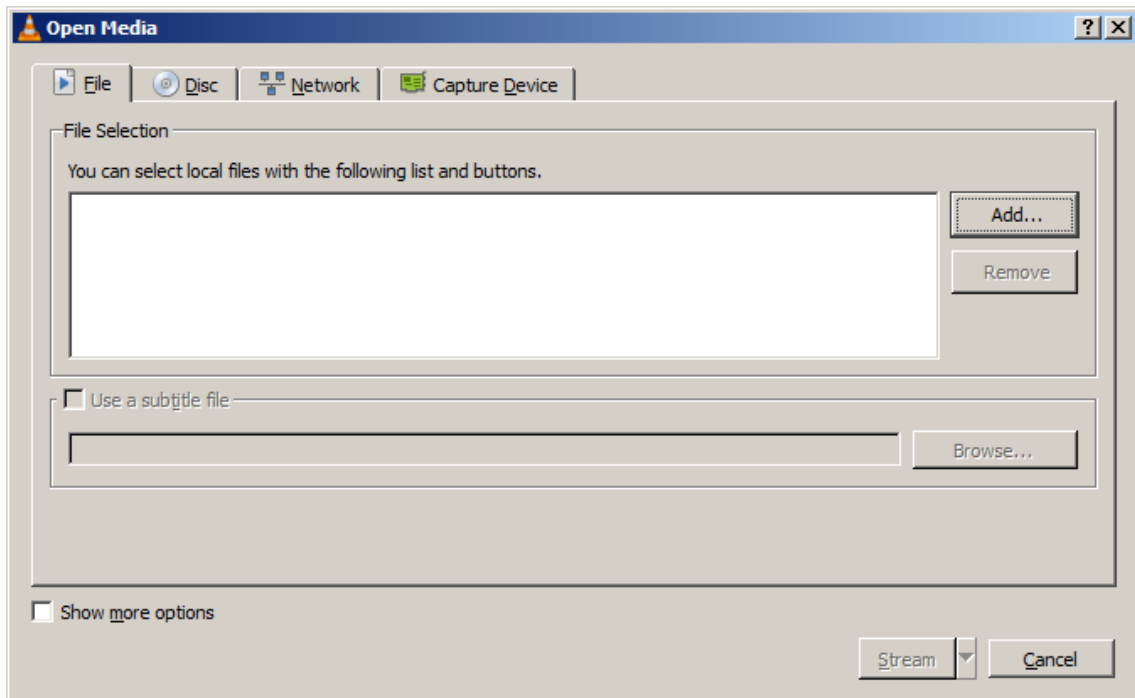


# Multicast support in MediaPlayer Framework

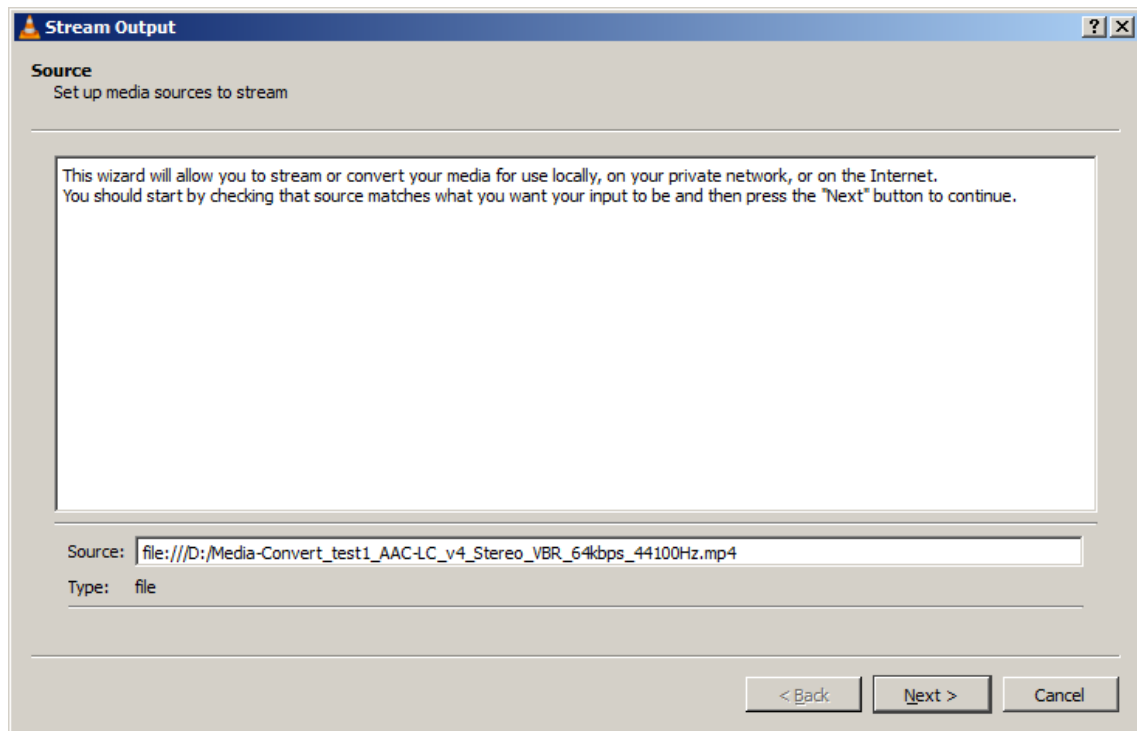
1. Tune Video Server ( VLC player)
2. Router tuning
3. Application tuning

## 1. Tune Video Server (VLC player)

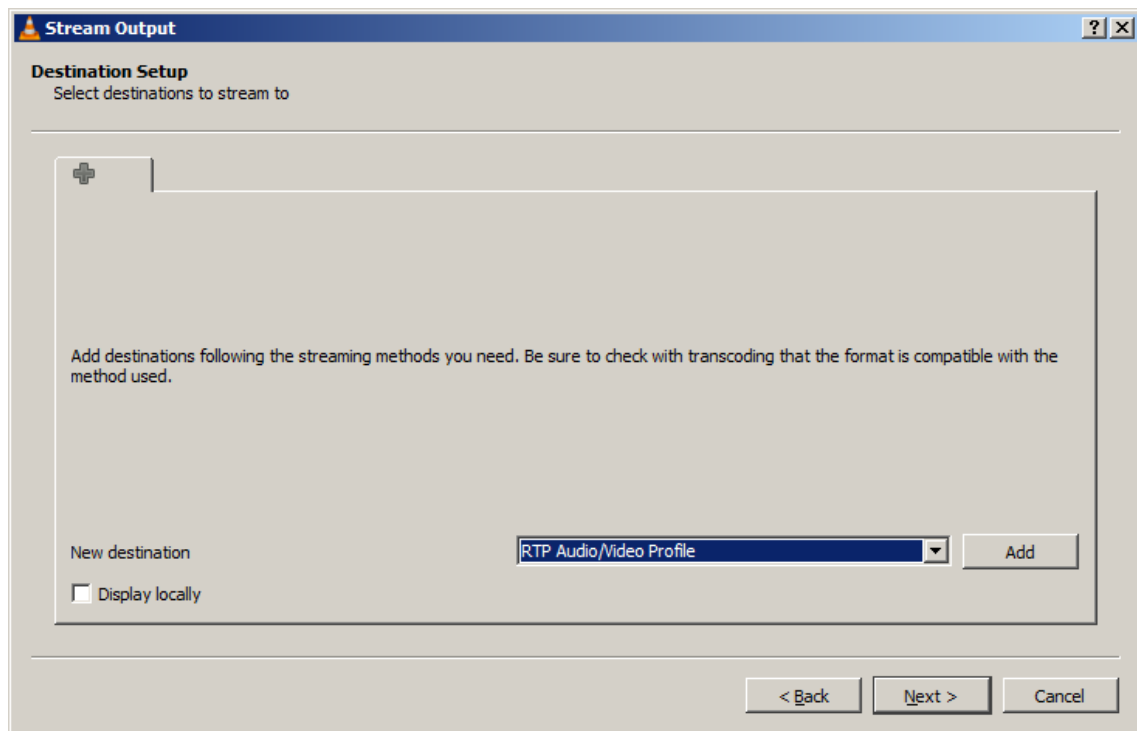
1. Select **Media -> Stream...**



2. Add **any Media file with AAC stream (Add button)**
3. Click on **Stream button** and Select **Stream** from context menu(or Alt+S)



4. Set **RTP Audio/Video Profile** in combo box "New destination" and click **Add**





5. Set Multicast group(for example 239.255.0.1) in **Address** edit box , UDP Port in **Port** field(for example 5004), stream name (for example st1) and click **Next**

**Stream Output** [?] [X]

**Destination Setup**  
Select destinations to stream to

---

 RTP/AVP 

This module outputs the transcoded stream to a network via RTP.

Address

Base port

Stream name

< Back   Next >   Cancel




6. Disable **“Activate Transcoding”** options and click **“Create new profile”**

**Stream Output** [?] [X]

**Transcoding Options**  
Select and choose transcoding options

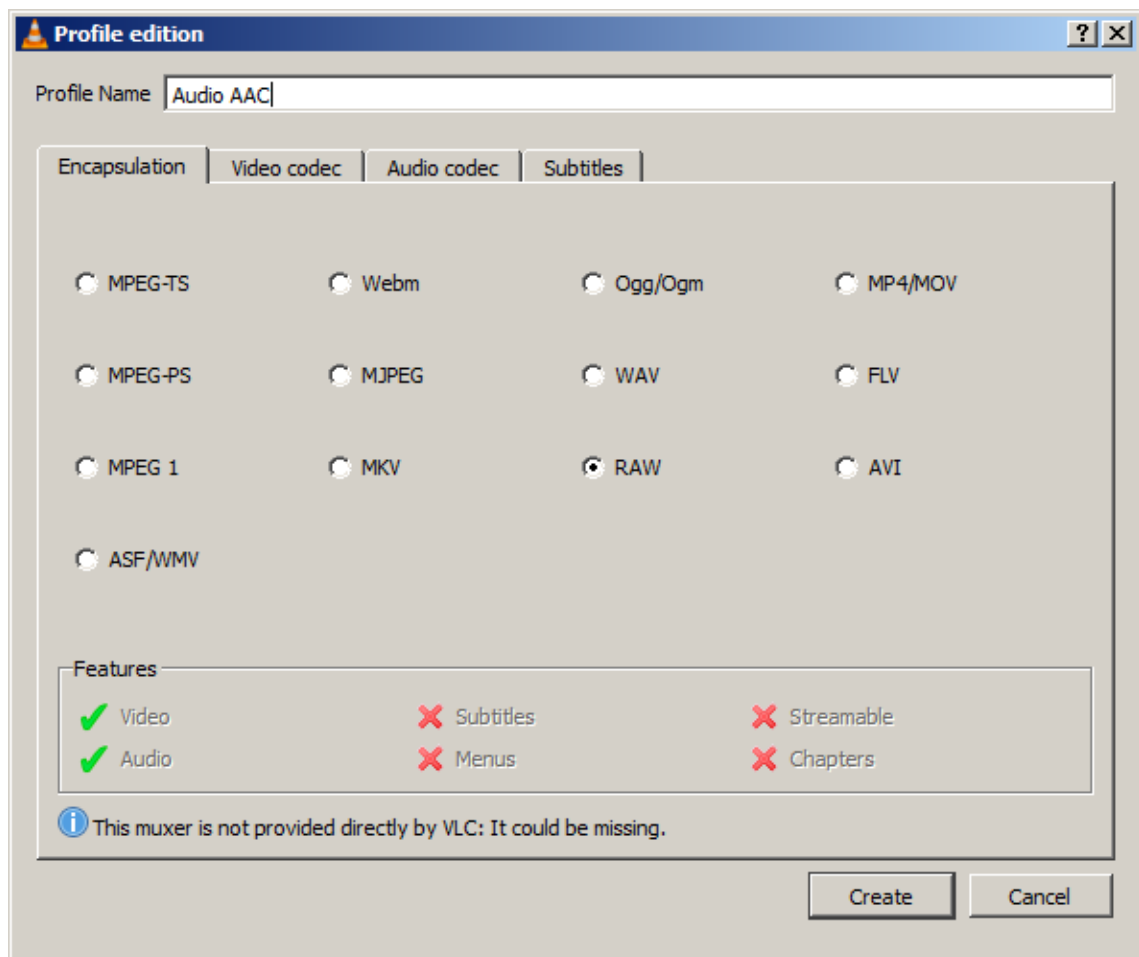
---

☐ Activate Transcoding

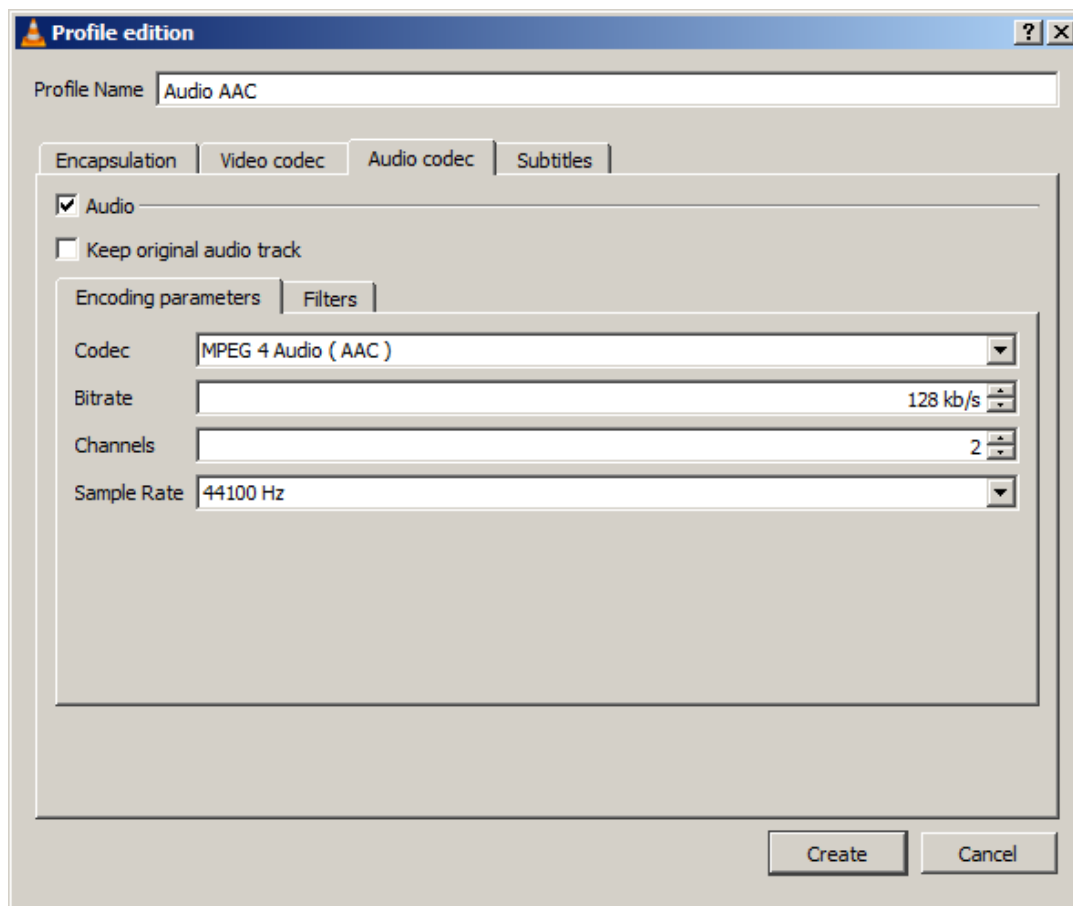
Profile    

< Back   Next >   Cancel

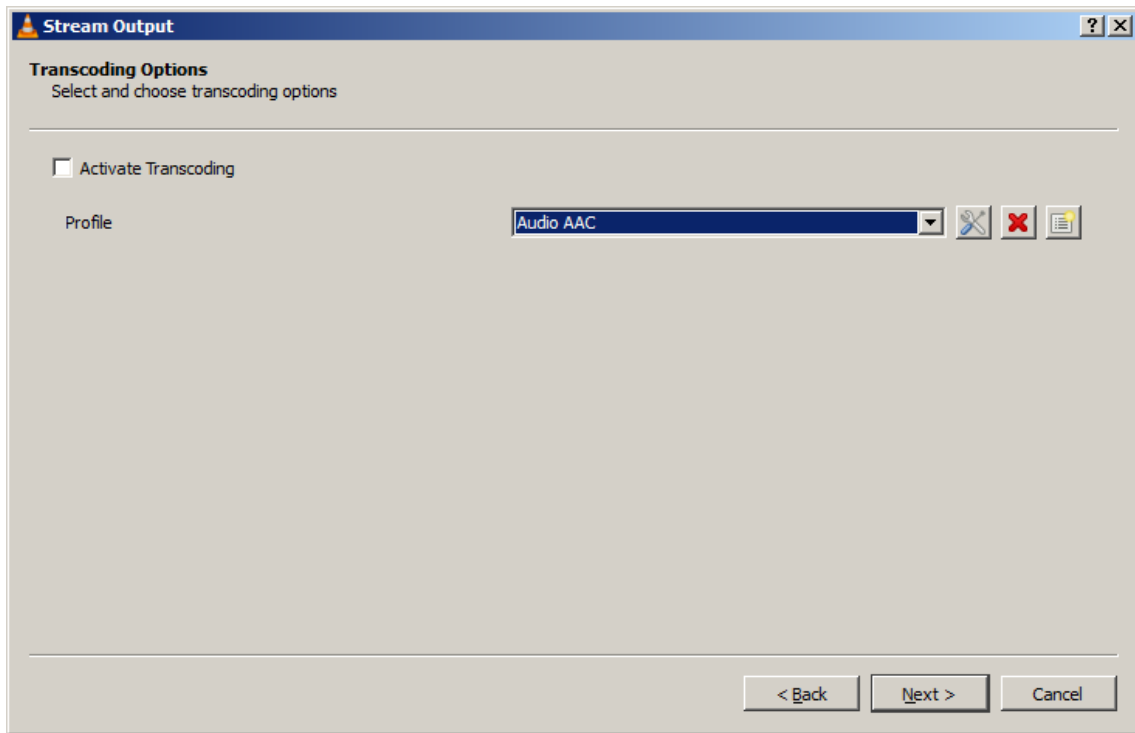
7. Set profile name (for example Audio AAC) and select RAW



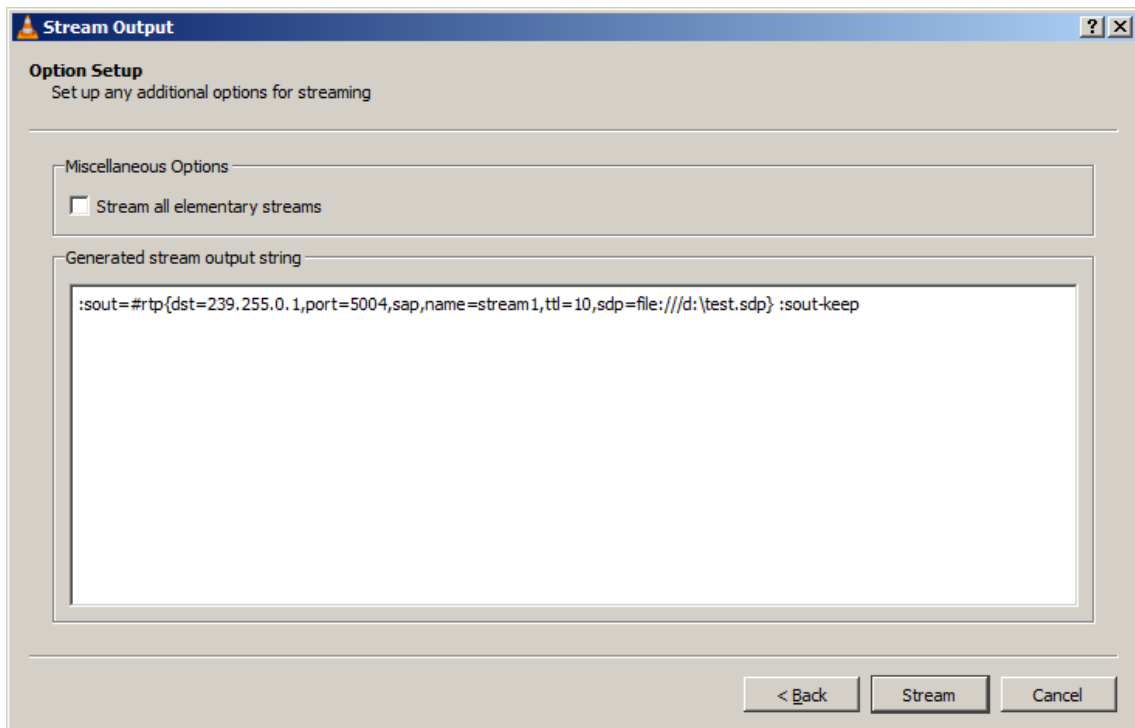
8. Video codec is not set , Audio codec is enabled, set same audio setting like in selected file and click **“Create”** :



9. Select profile **“Audio AAC”** and click **“Next”**



10. Disable **“Stream all elementary streams”**. add path to SDP file and TTL for example (`“ttl=10,sdp=file:///d:\test.sdp”`) and click **Stream**



## 2. Router tuning

Wifi router has different firewall and broadcast protection , on LinkSys following setting was disabled .



## 3. Application setting

SDP file(test.sdp) looks like below :

```
v=0
o=- 15544862313595099454 15544862313595099454 IN IP4 Konst
s=st1
i=N/A
c=IN IP4 239.255.0.1/255
t=0 0
a=tool:vlc 2.1.5
a=recvonly
a=type:broadcast
a=charset:UTF-8
m=audio 5004 RTP/AVP 96
b=RR:0
a=rtpmap:96 mpeg4-generic/44100/2
a=fmtp:96 streamtype=5; profile-level-id=15; mode=AAC-hbr; config=1210; SizeLength=13;
IndexLength=3; IndexDeltaLength=3; Profile=1;
```

Copy test.sdp file on Android device . Select file in file manager and select RTSP player when system offers list of applications that can work with SDP extension.

<https://play.google.com/store/apps/details?id=org.rtspllr.app>