

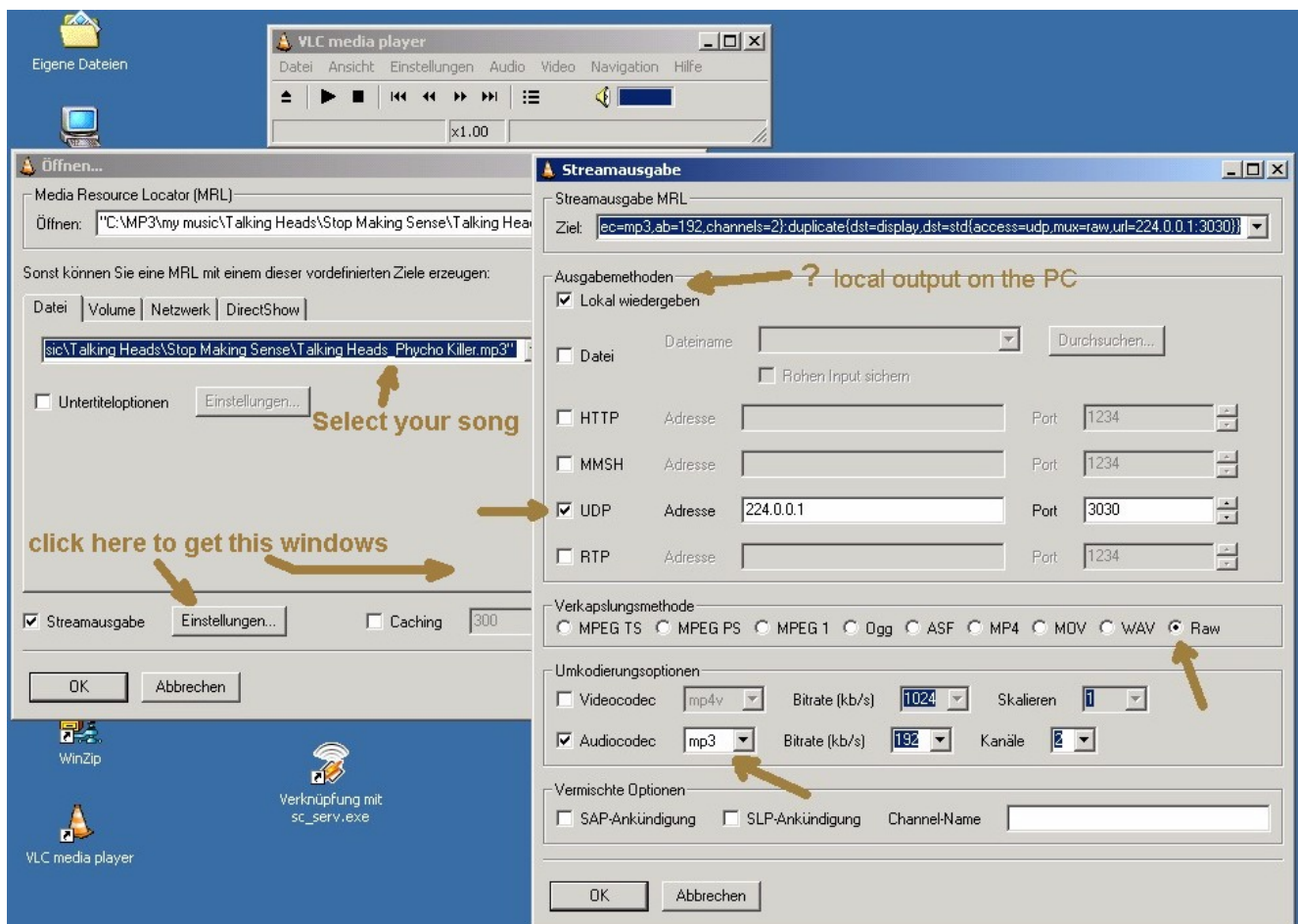
How to use the VLC Media Player with the Barix Exstreamer

The VLC Media Player is a nice tool to stream MP3 songs simultaneously to the Exstreamers or Annunicoms. The result will be you can hear the same song at the same time from many Exstreamers i.e. in a football stadion .

It is a free software and can be downloaded from <http://www.videolan.org/streaming/> And I guess there is a English version too. The software has two small bugs, but no problem . The following screen shot was made from VLC version 0.8.6 , in the meantime the VLC design and functionality has changed. The second page describes how to use VLC version 1.xx.

It's easy to install, only the handling is a little bit tricky.

Please see the picture below. Click on the play button or "Datei" – "Stream" to get the window for the setup.



Sometimes it could happen that the setup for the encapsulation protocol is inverted and you can't select the "Raw" type, in this case you have to mark and unmark the RTP protocol then it changes to not inverted. UDP Broadcast does (for any reason ?) not work simultaneously, you have to use any Multicast address (i.e. 224.0.0.1).

The setup in the Exstreamer (standard firmware) should be "Mode 4 – Streaming Receiver" and you have to define a "UDP Streaming Listener Port" (in this example: 3030). Or you can also use the UDP Priority port in any other mode.

The following description (and screen shot) was tested with VLC Media Player version 1.1.5 .

In the newer VLC Media player versions you have to copy the OPTION string manually.
To stream from a the new VLC version to a Barix Exstreamer execute the following steps .

- First open VLC
- select from VLC menu : MEDIA – Advanced Open File ...
- there select your audio files (MP3) or your playlist file (m3u)
- make sure the “Show more options” check box is marked
- then copy the following string to “Edit Options”

for RTP Streaming (requires RTP Listen Port on Barix devices):

:sout=#duplicate{dst=rtp{dst=224.0.0.1,port-audio=4444}}

(generates a RTP multicast stream to port number 4444)

for RAW UDP Streaming :

:sout=#duplicate{dst=std{access=udp,mux=raw,dst=224.0.0.1:3030}}

(generates a RAW UDP multicast stream to port number 3030)

It is also possible to modify the target port number and/or target IP address at the end of the string !

- thereafter click on “Play”
- ready, when your Exstreamer is properly configured then it should play now.

