
TRYING JAMULUS ON YOUR OWN, FIRST

Tom Frenkel
email: frethoa@aol.com
Revised: 05aug2020

Please read the "Jamulus for Chamber Musicians" document. It will explain how to install the Jamulus software, and (for Windows computers) the ASIO4ALL driver. (For the link, see my blog post: <https://lessthanamegabyte.wordpress.com/2020/07/16/playing-live-chamber-music-on-the-internet-jamulus/> OR, IF THAT DOESN'T WORK, <https://tinyurl.com/yxm7ao7a>)

Earphones are a must. To start, they can be any kind, including earbuds. If you get "serious", you will probably want over-the-ear headphones (preferably wired, not Bluetooth), so you can block out a lot of your own sound (no offense).

Your regular WiFi is fine to do the following "exercise". However, for playing with other people, you should acquire an ethernet cable, and (if necessary) an adapter to connect to your PC's USB socket.

If you're on Windows, make sure you have the free ASIO4ALL driver installed. (Of course, Jamulus should be installed on your PC, as well.)

Bring up Jamulus. Check the "mute myself" box so as not to disturb others. Connect to one or two public servers with activity, and "listen in". (Everybody does it.) If that works, uncheck "Mute myself", find an EMPTY server with HIGH ping time, and make a clucking noise (etc) into your microphone. You should hear an "echo" ... that's the sound coming back to you from the server. (The idea of choosing high ping time for this test, is just to make the echo more noticeable.)

If you can't hear other people, and/or don't hear your echo, it means that your output and input options (respectively) are probably set wrong in the ASIO4ALL settings window. See the above "Jamulus for Chamber Musicians" document for help with this.

Finally, connect to one of the servers with the lowest ping time. (Probably one near you.) See what your "Overall delay" is. (This important number appears on the lower right of the Jamulus "Settings" window.) For actual music-making, the delay should be less than 50 or 60 milliseconds. An ethernet cable will probably help reduce this time. An audio interface (plus its included driver, which you would select instead of ASIO4ALL) will probably reduce it even further.
