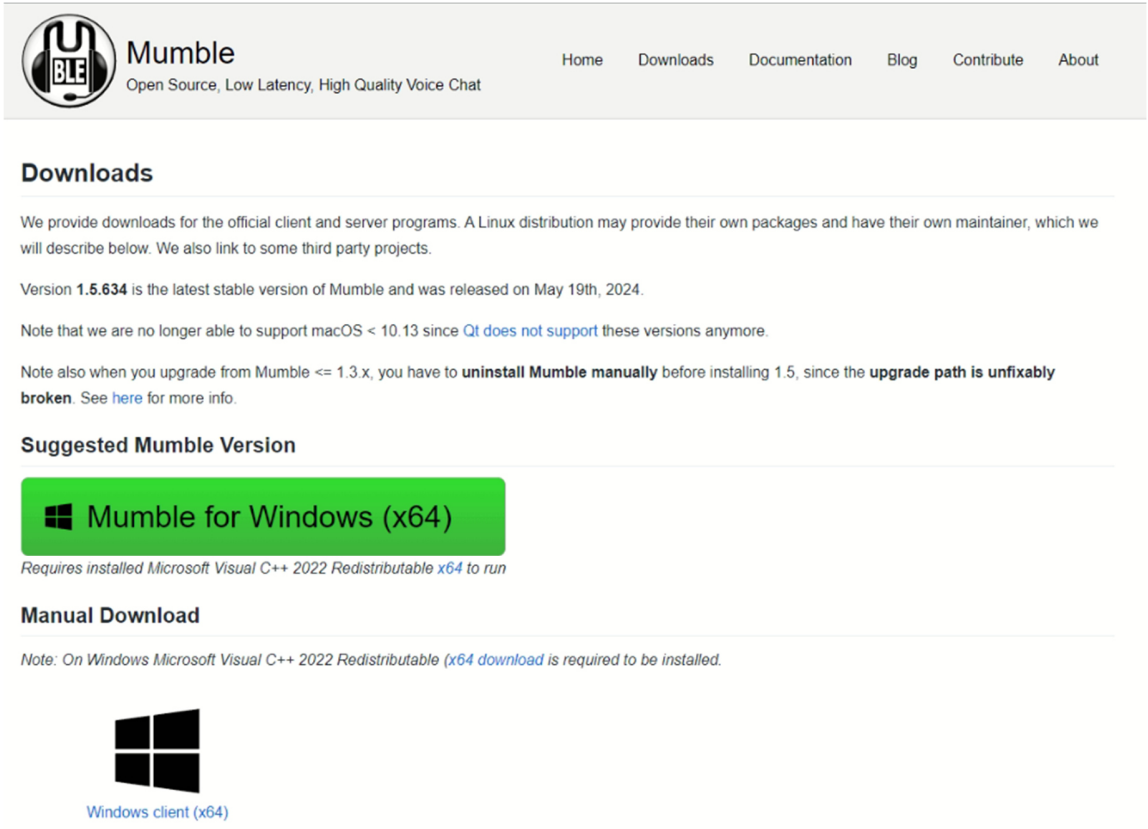
# How to install and use Mumble for CRF Events:

**This Guide will show you how to install and use mumble. We are NOT configuring your Microphone in this Guide, since we only intent to use it to relay information from Race Control**

1. **Download and install Mumble**

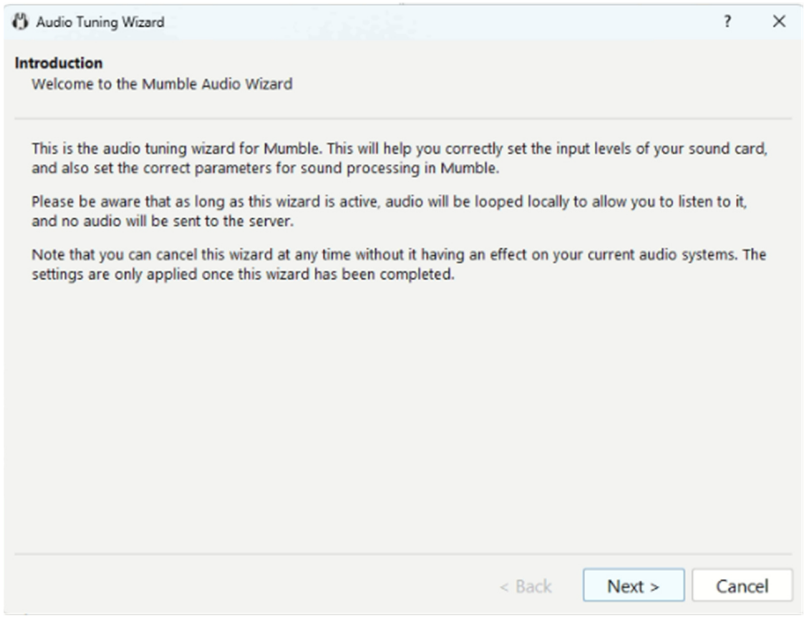
Head to https://www.mumble.info/downloads/ and download the suggested Mumble Version (Green Button)



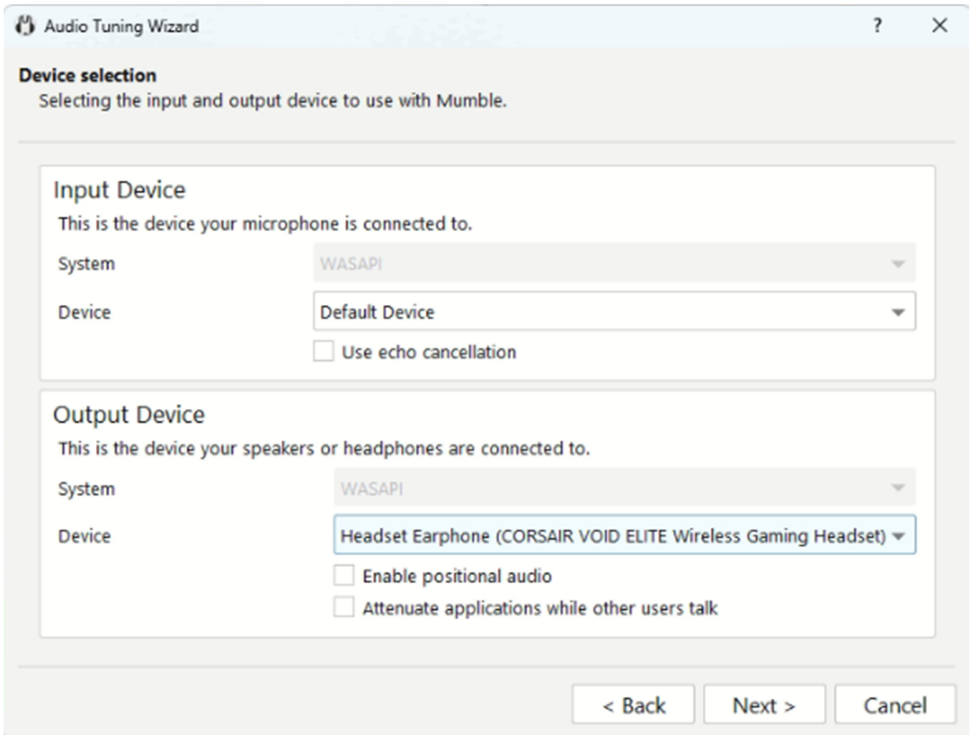

Install the File you have just downloaded and move to Step 2.

## 2. Go through the Audio Tuning Wizard

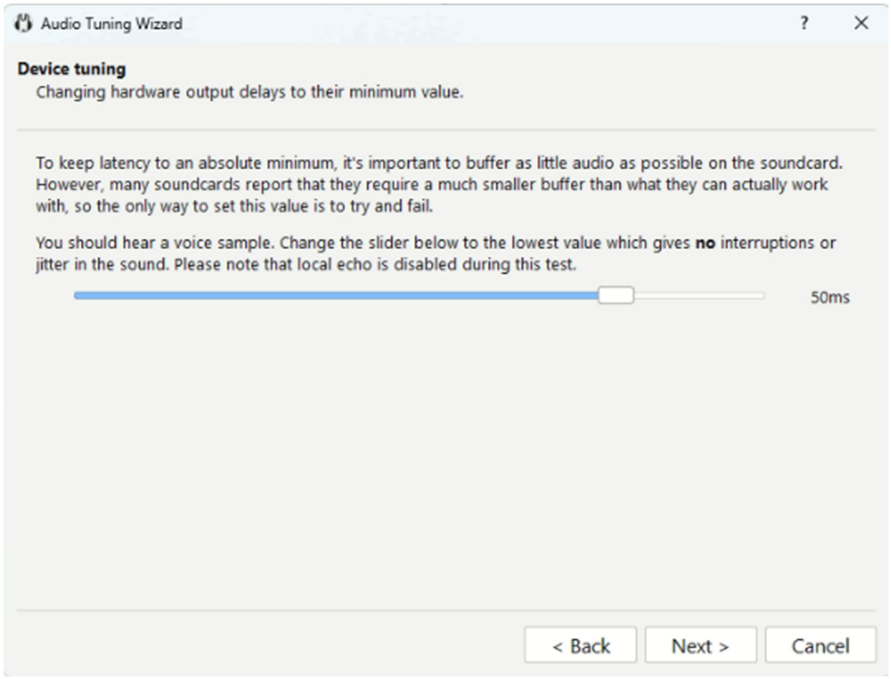
Click next on the Introduction Page



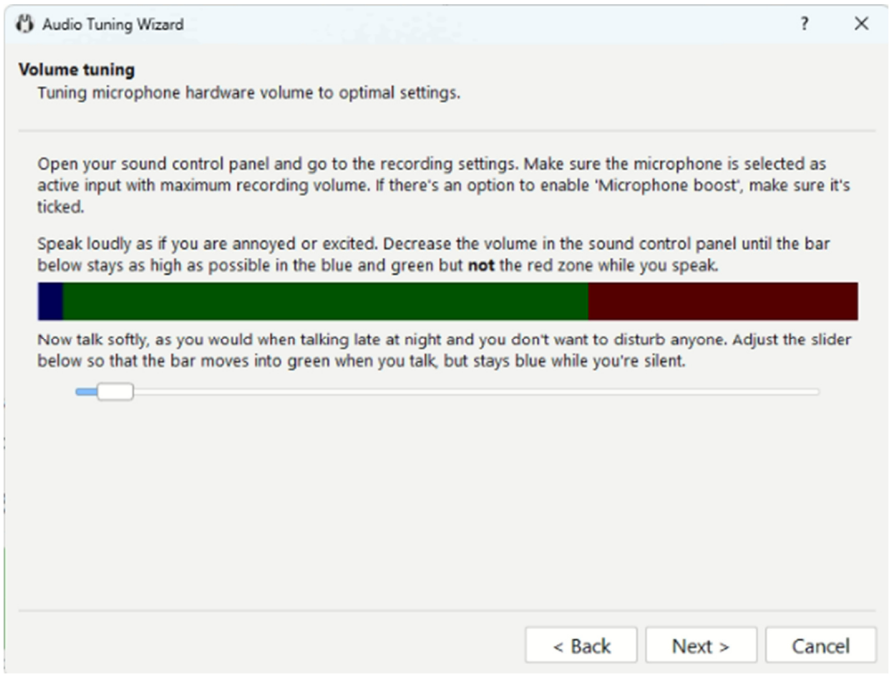

Select your Headphones in the “Output Device” Section. You can configure your Microphone in the “Input Device” Section, but it is not needed for our usecase



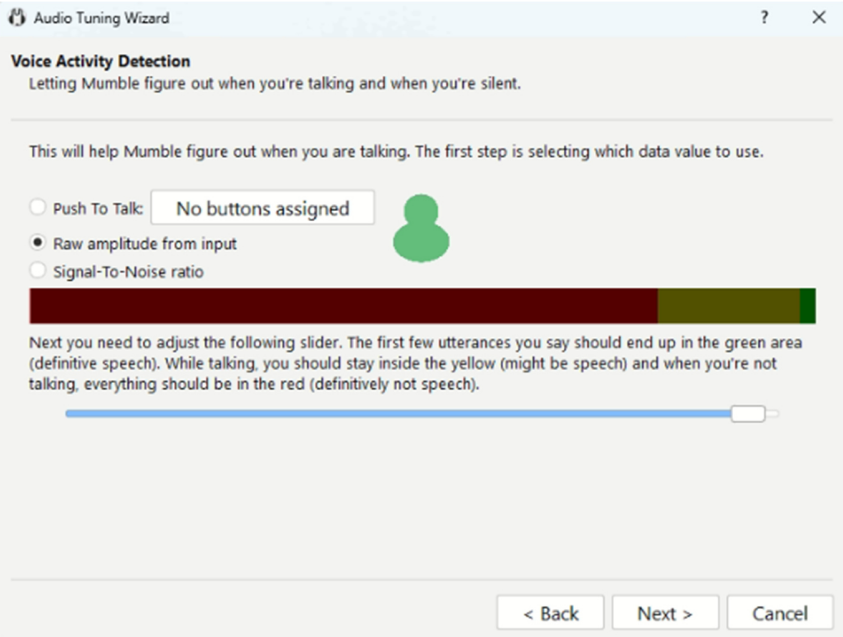
Leave the Value of 50ms on Device tuning and hit next.



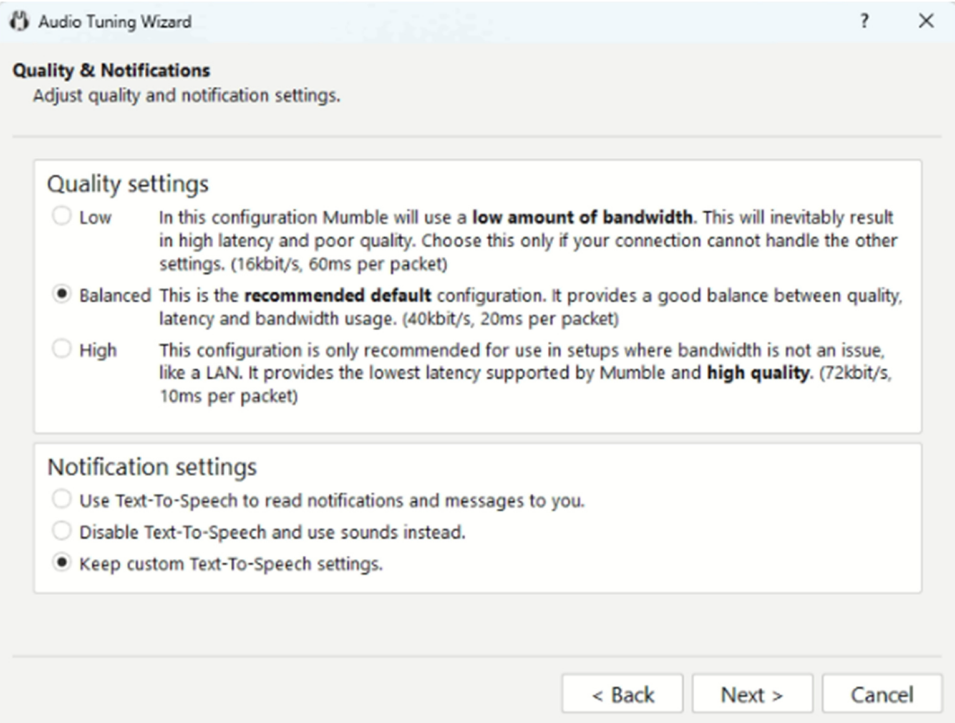

Volume Tuning isn’t needed in our Use case so just hit next.



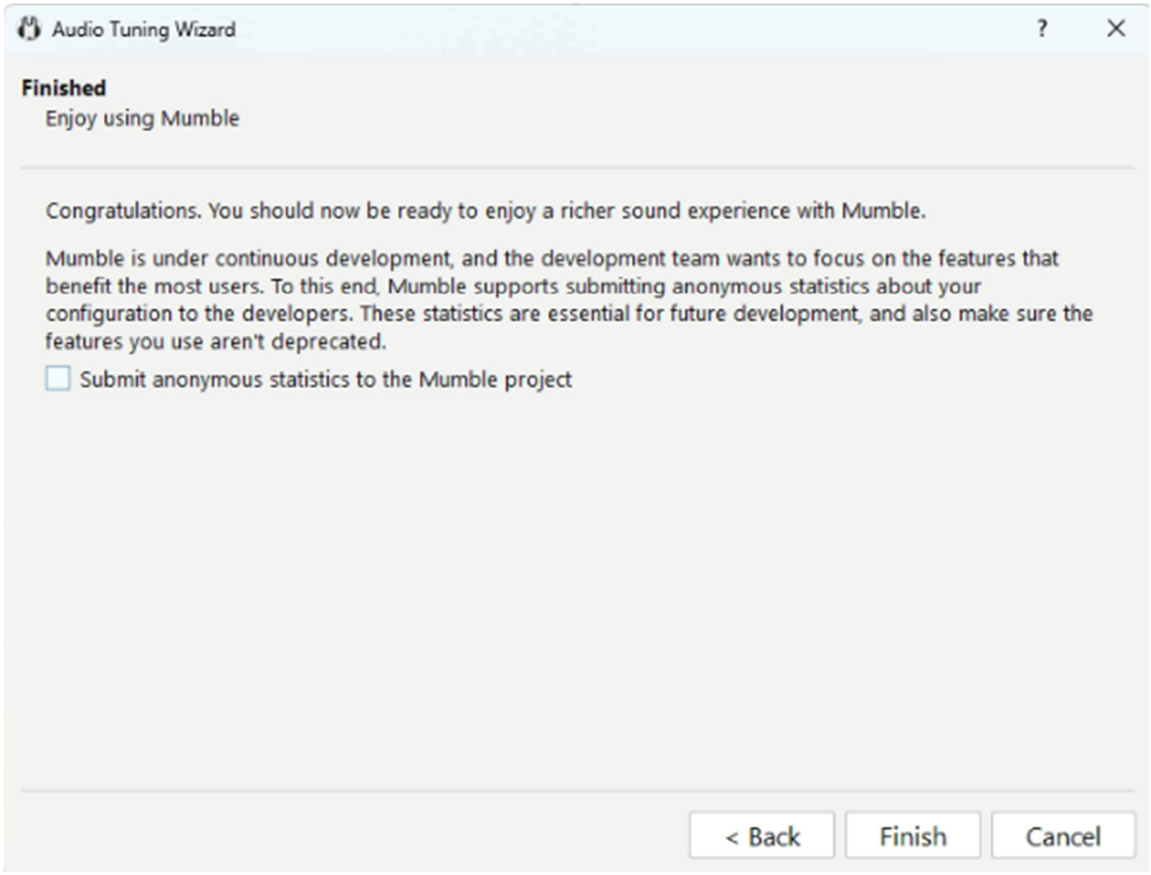
Voice Activity Detection is not needed in our usecase either so just hit next.




In “Quality & Notifications” we want to use the following Settings:
Quality settings: Balanced
Notification settings: Disable Text-To-Speech and use sounds instead (differs from screenshot)

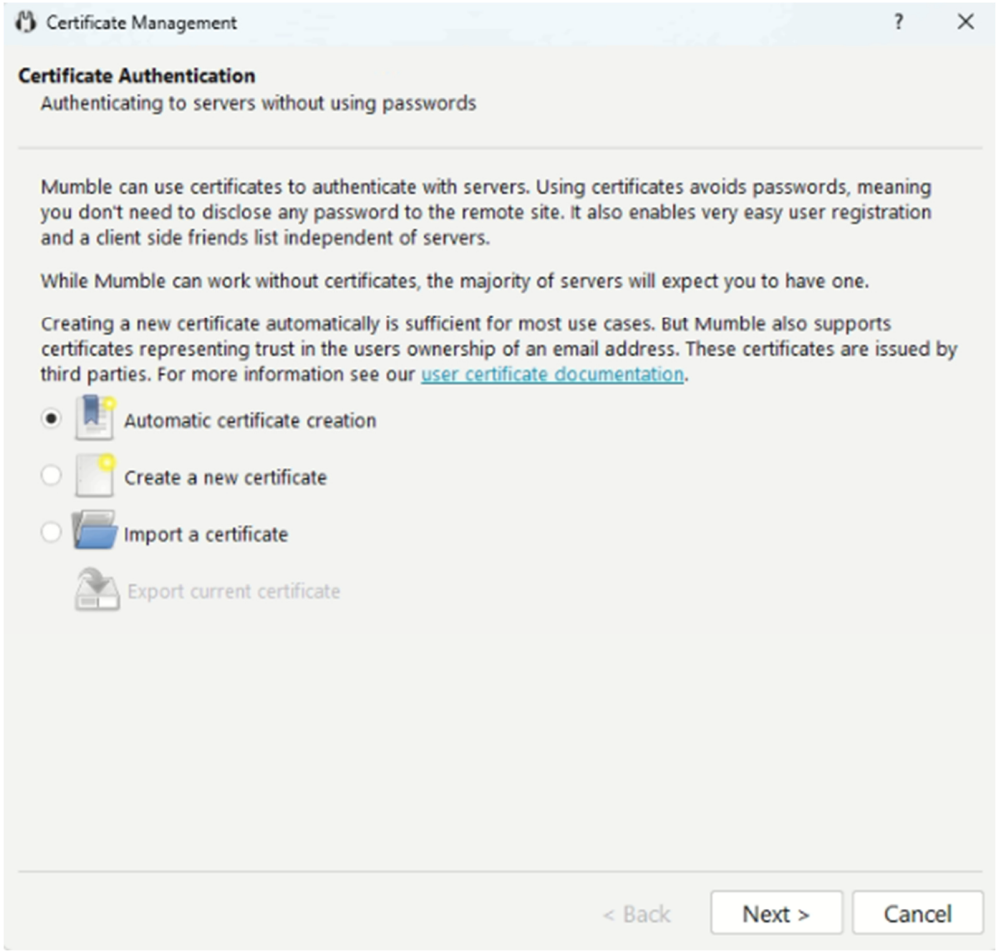


Now on the finish screen untick “Submit anonymous statistics to the Mumble project”
This step is not necessary. Leaving it checked helps Mumble in making their Client better.



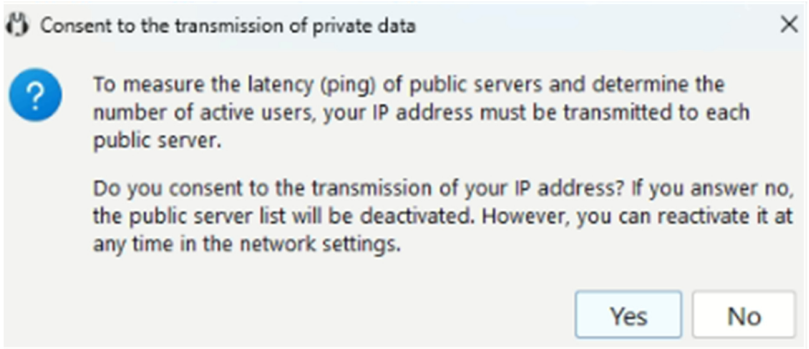
### 3. Set up Certificate

In Certificate Authentication we want to use “Automatic certificate creation” and hit next.




Click on Finish on the Window that opens up afterwards.

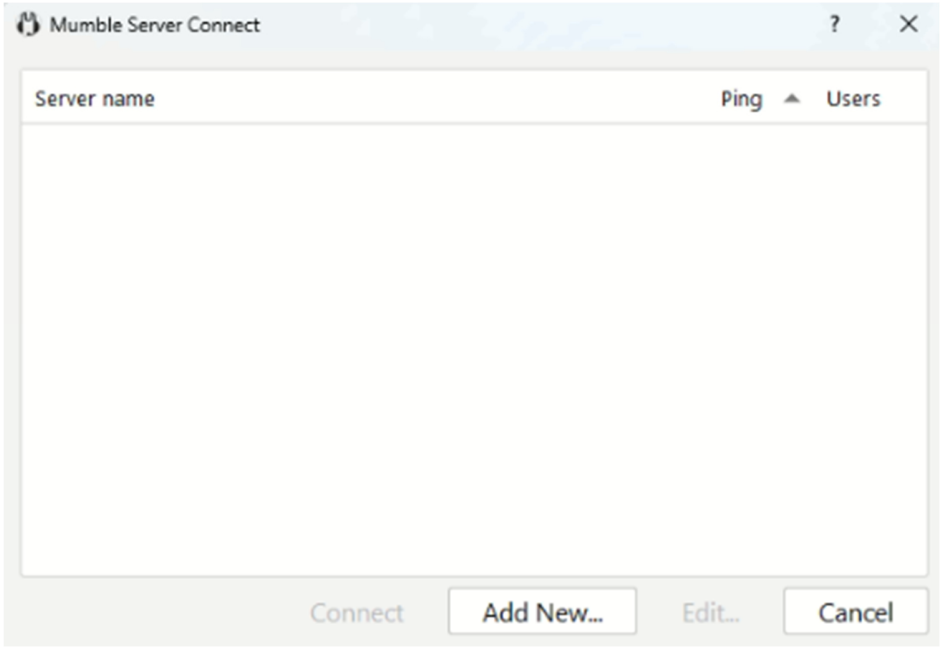
Now this window opens up.




Choose “No”.

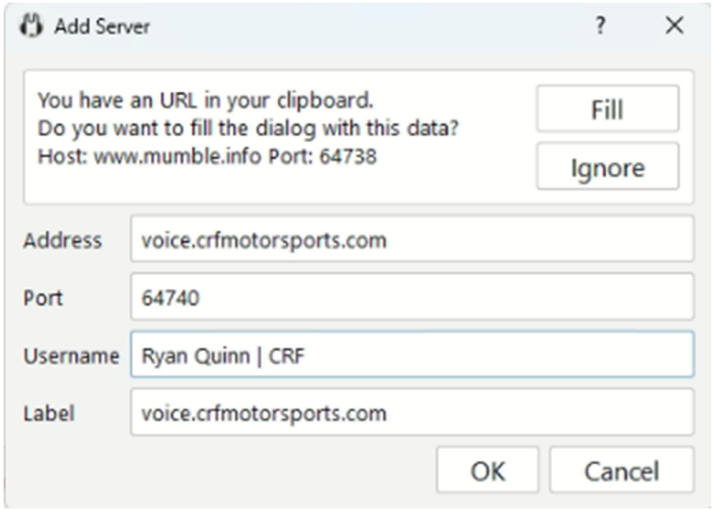
4. **Add the Server**

Click on “Add New…”



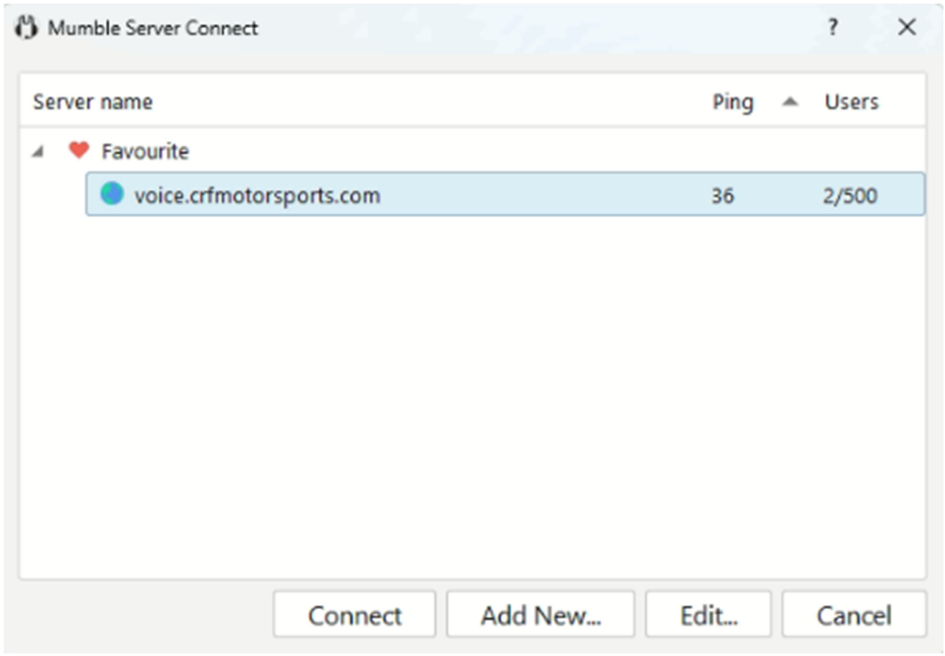

Now we put in the Address, Port and Name.

Address: voice.crfmotorsports.com
Port: 64740
Username: Please use the Name you have in ACC for it!
Label: Whatever you want it to be to recognize this server. We leave it as “voice.crfmotorsports.com”

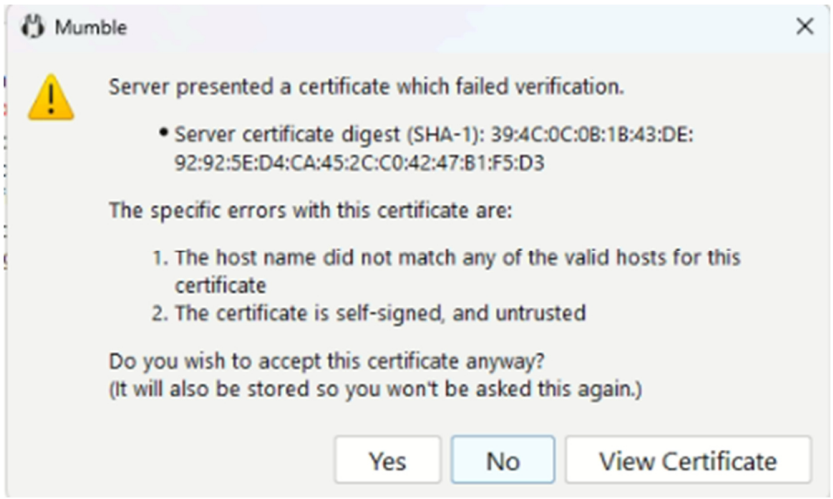



Hit ok.

Now select the Server and hit connect.



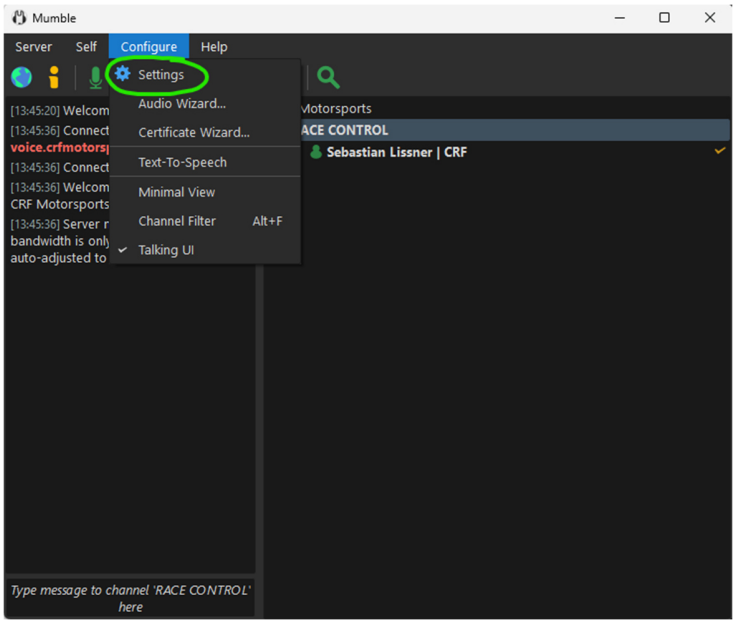

When you connect for the first time you have to recognize that the Server failed the Certificate verification. Hit yes and you are connected to the Mumble Server.



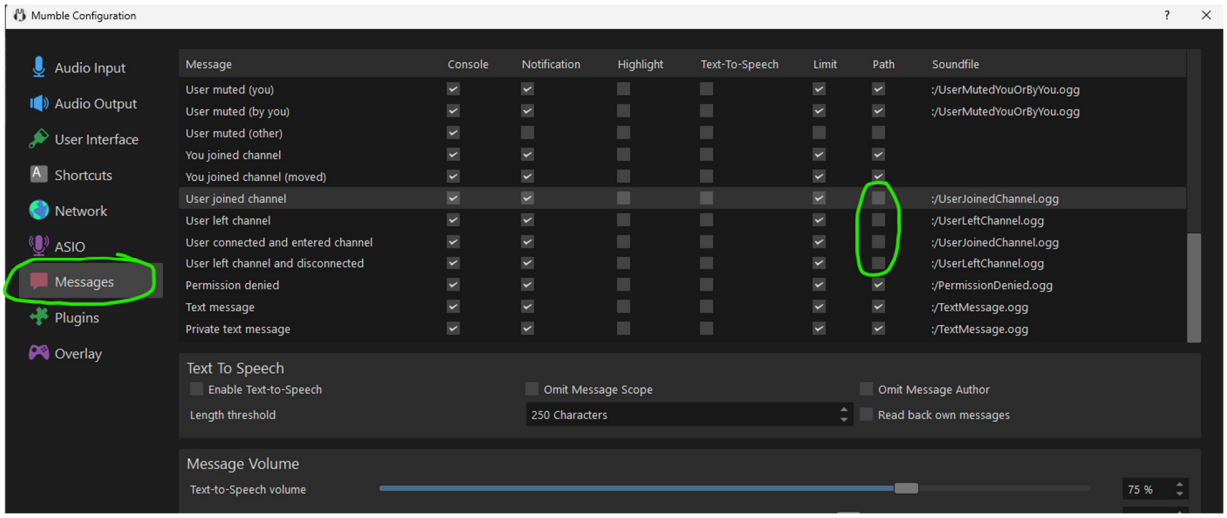
## 5. Annoying notifications go away

Since we will have a lot of people joining our Mumble Server, you will always hear a sound when that happens. Here's a way to get rid of the "User Joined", "User left" notifications.

Go onto "Configue" and then "Settings"




Now go onto "Messages" and untick the Path from the "User joined channel", "User left channel", "User connected and entered channel" and "User left channel and disconnected"




**You are now set up to use our new Race Control System!**

**Have fun in the races.**