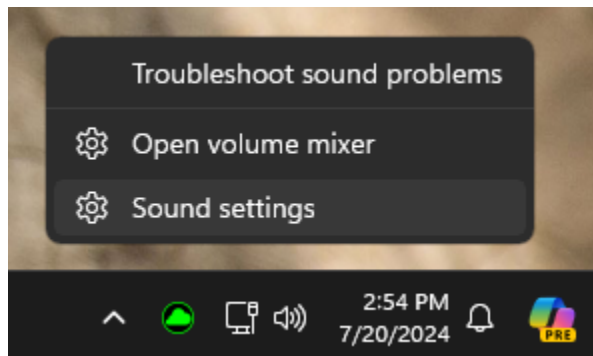
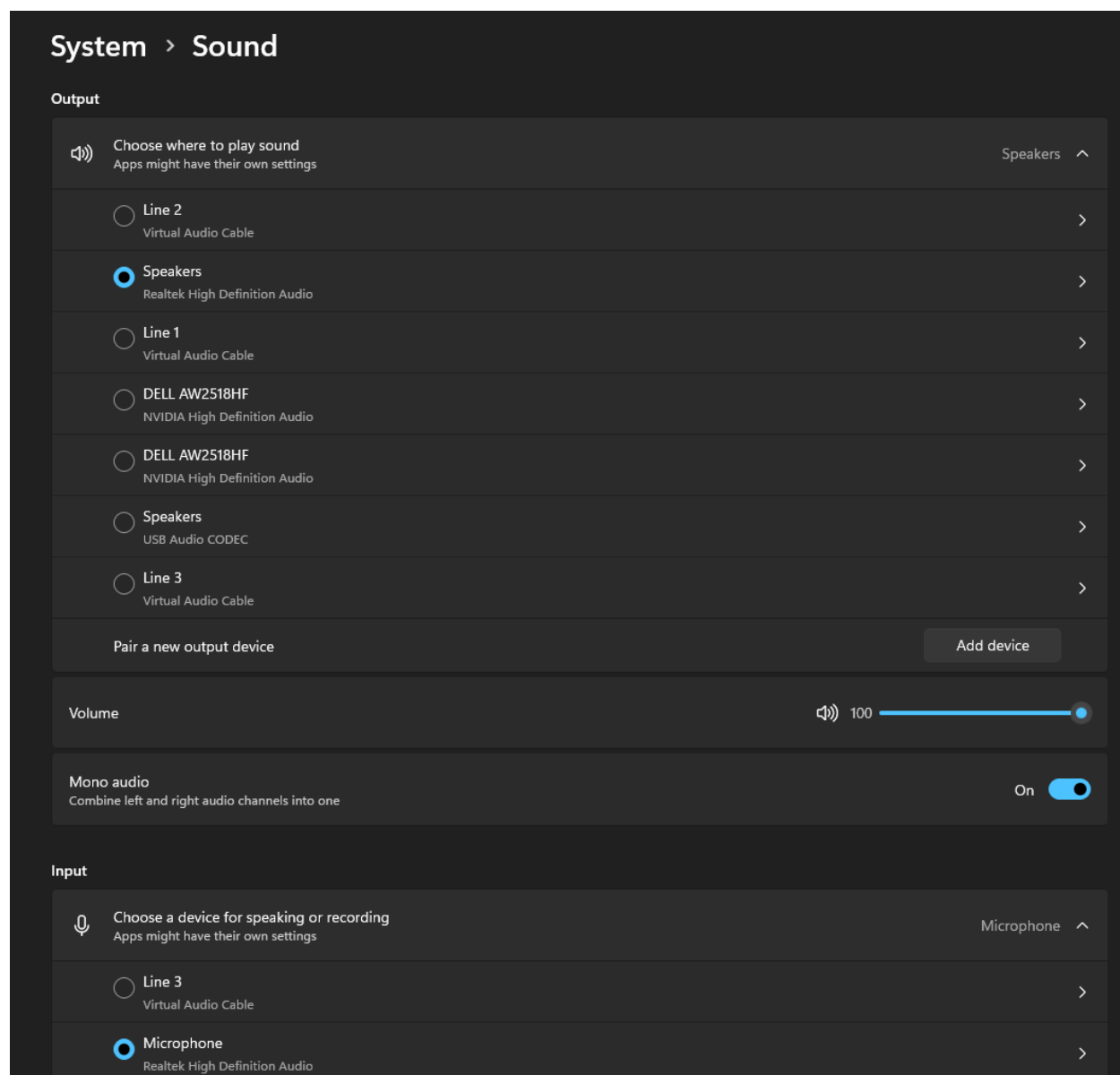


Windows 11

Right click speaker icon>sound settings

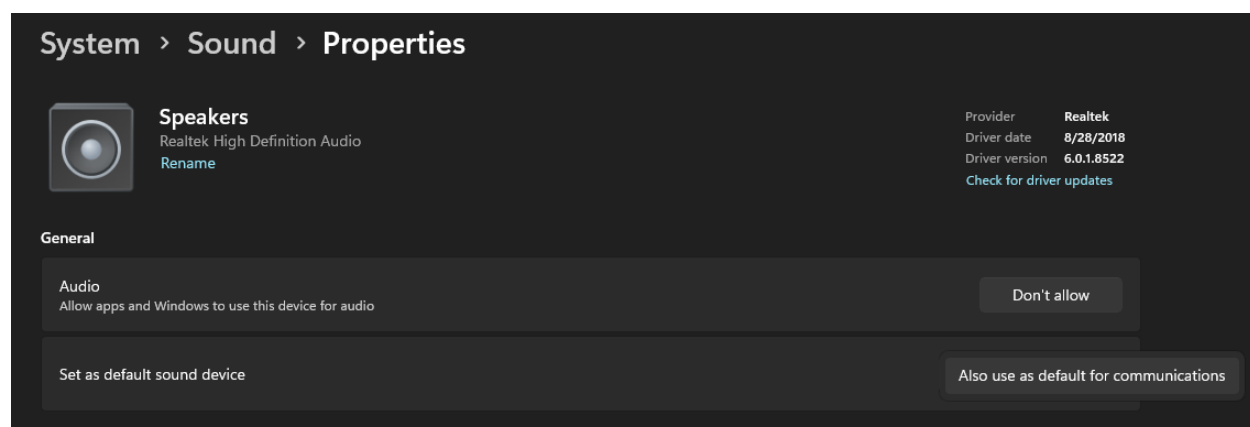


System>sound> default is what you want youtube to play

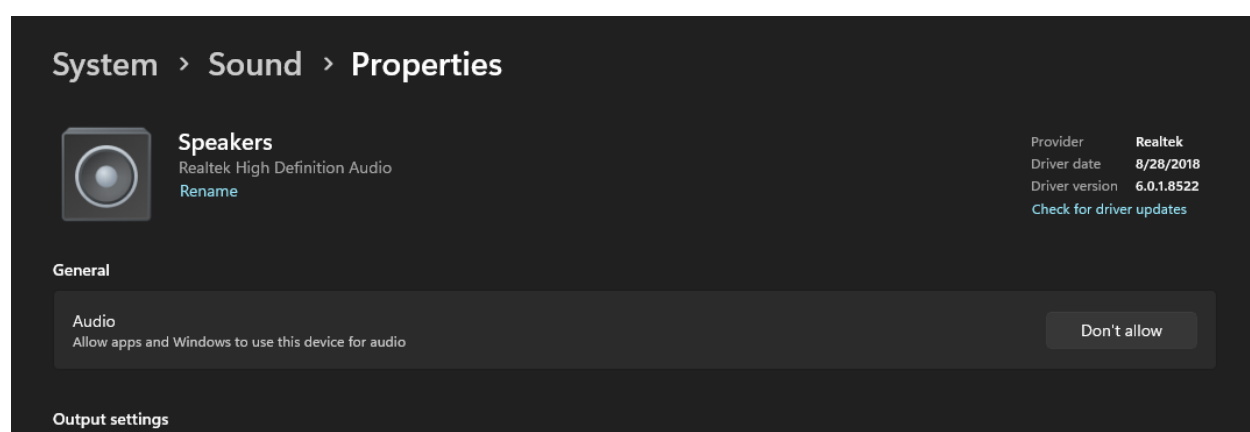


Hit the “>” to get to Properties

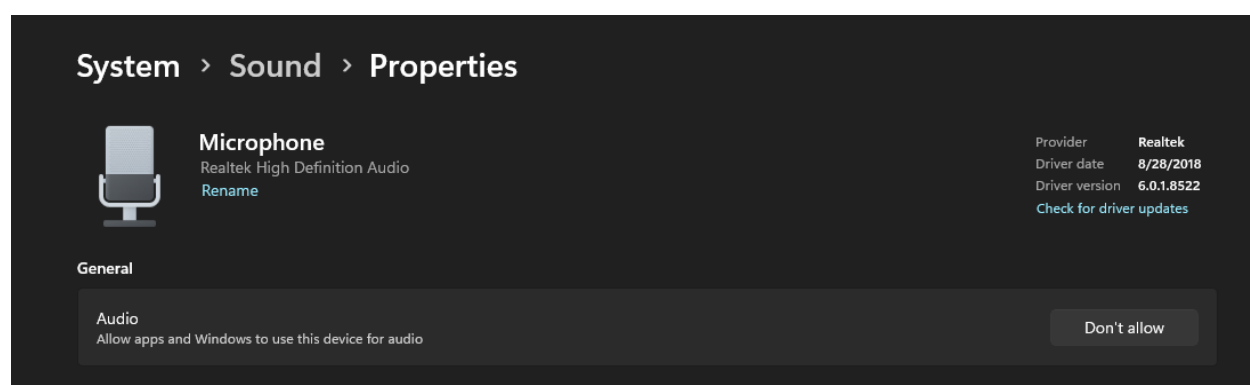
Under General set your Set as default sound device to default and communications default



Once it's chosen the option goes away.



Repeat the process for the default microphone



Scroll down to all sound devices and expand the Output Devices>USB Audio Codec

You are able to rename the name to your radio

Confirm not used as a default

Volume to 90

Audio enhancements and special sound is Off

System > Sound > All sound devices > Properties



Speakers
USB Audio CODEC
[Rename](#)

Provider (Generic USB Audio)

Driver date 5/21/2024

Driver version 10.0.22621.3672

[Check for driver updates](#)

General

Audio

Allow apps and Windows to use this device for audio

Don't allow

Set as default sound device

Not used as a default

Output settings

Format

Test

16 bit, 48000 Hz (DVD Quality)

Volume

90

Left channel

90

Right channel

90

 Audio enhancements

Select an enhancement available for your device

Off

 Spatial sound

Choose an immersive audio experience that simulates a realistic environment (3D Spatial Sound)

Get more spatial sound apps from Microsoft Store

Off

Repeat for Microphone

Scroll down to all sound devices and expand the Input Devices>USB Audio Codec

Rename to radio if needed

Confirm not default

Volume to 60

System > Sound > All sound devices > Properties



Microphone
USB Audio CODEC
[Rename](#)

Provider (Generic USB Audio)
Driver date 5/21/2024
Driver version 10.0.22621.3672
[Check for driver updates](#)

General

Audio
Allow apps and Windows to use this device for audio

Don't allow

Set as default sound device

Not used as a default

Input settings

Format

1 channels, 16 bit, 48000 Hz (DVD Quality)

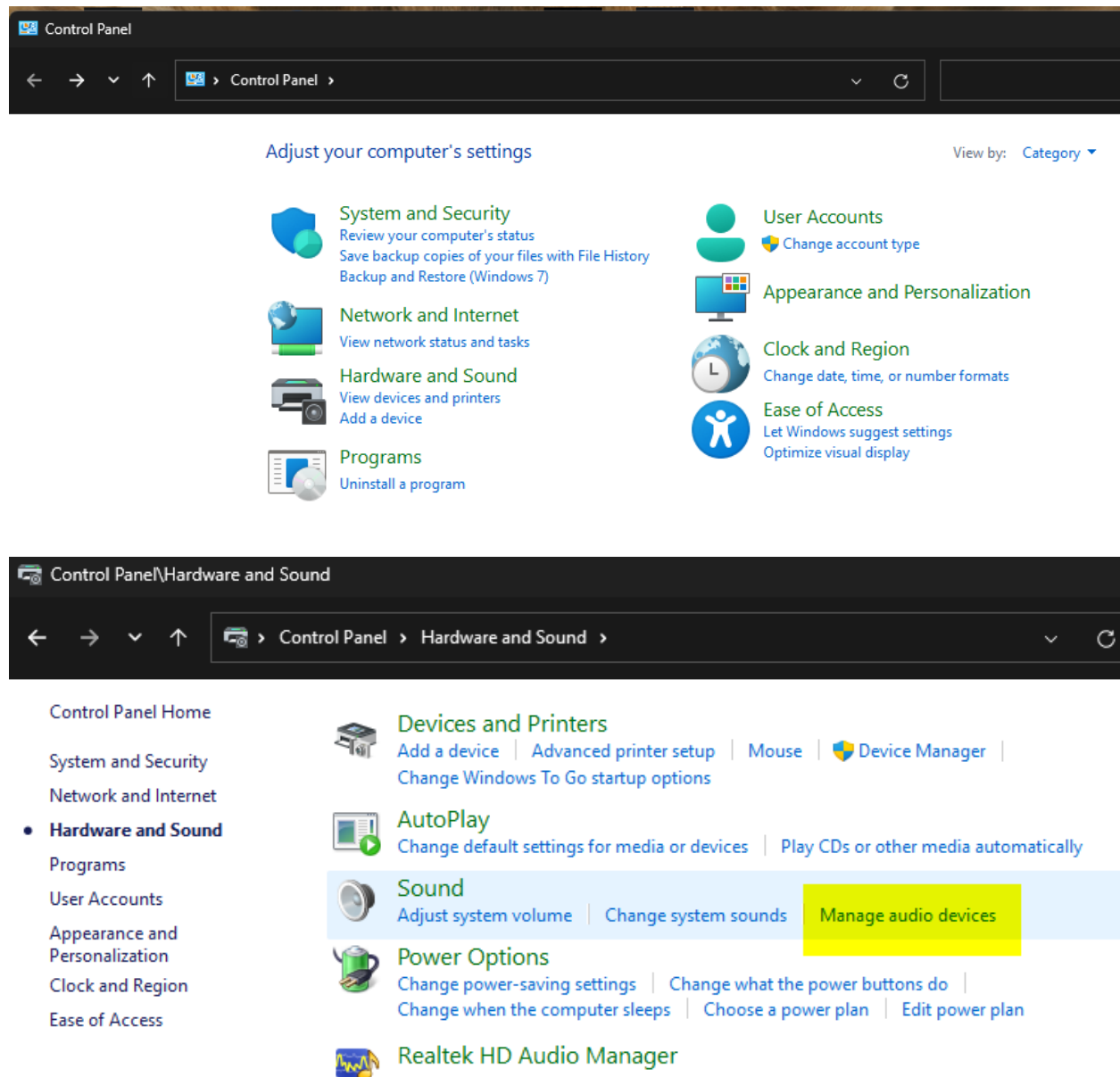
Input volume

60

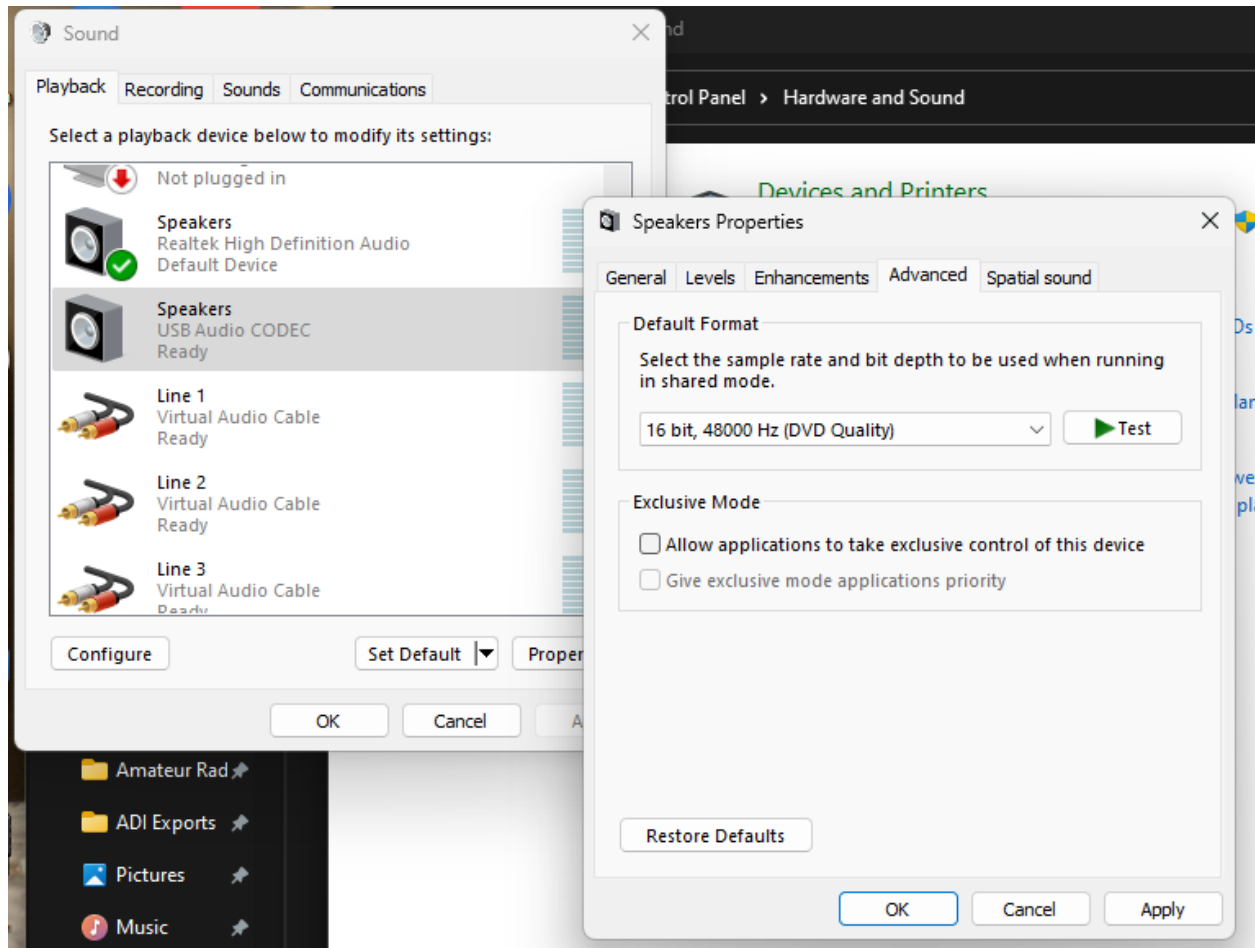
Test your microphone
Select Start test and talk or play audio at your normal volume for at least a few seconds, then select Stop test

Start test

Control panel>hardware and sound>manage audio devices



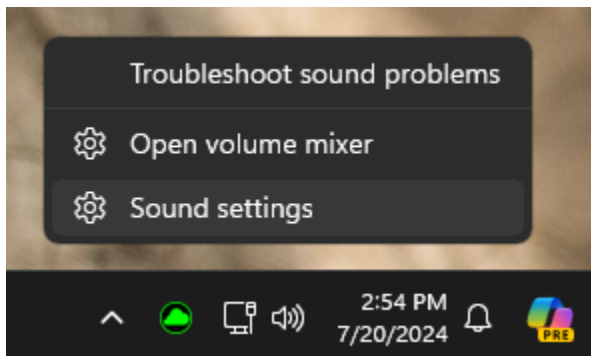
Properties on the USB Audio Codec for Speakers and microphone turn off “Allow app to take control”



Reboot the system after making these changes.

Open each Ham Radio app then like we did before

Right click speaker icon>Open Volume mixer



Now verify or set the following. Computer system can be the speakers and microphone

Then each ham radio app needs to be the radio's soundcard not the default.

System > Sound > Volume mixer

System

Volume

100 

Output device

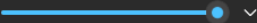
Speakers (Realtek High Definition Audio) ▾

Input device

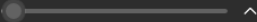
Microphone (Realtek High Definition Audio) ▾

Apps

System sounds

100  ▾

 flidigi ver4.2.05 / IC-7300 - KV4S

1  ^

Output device

Speakers (USB Audio CODEC) ▾

Input device

Microphone (USB Audio CODEC) ▾

 flidigi ver4.2.05 / IC-7300 - KV4S

100  ^

Output device

Speakers (USB Audio CODEC) ▾

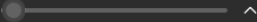
Input device

Microphone (USB Audio CODEC) ▾

 HDX RTC Engine

100  ▾

 js8call.exe

1  ^

Output device

Speakers (USB Audio CODEC) ▾

Input device

Microphone (USB Audio CODEC) ▾

 VARA HF v4.8.7 KV4S KV4S-T

100  ^

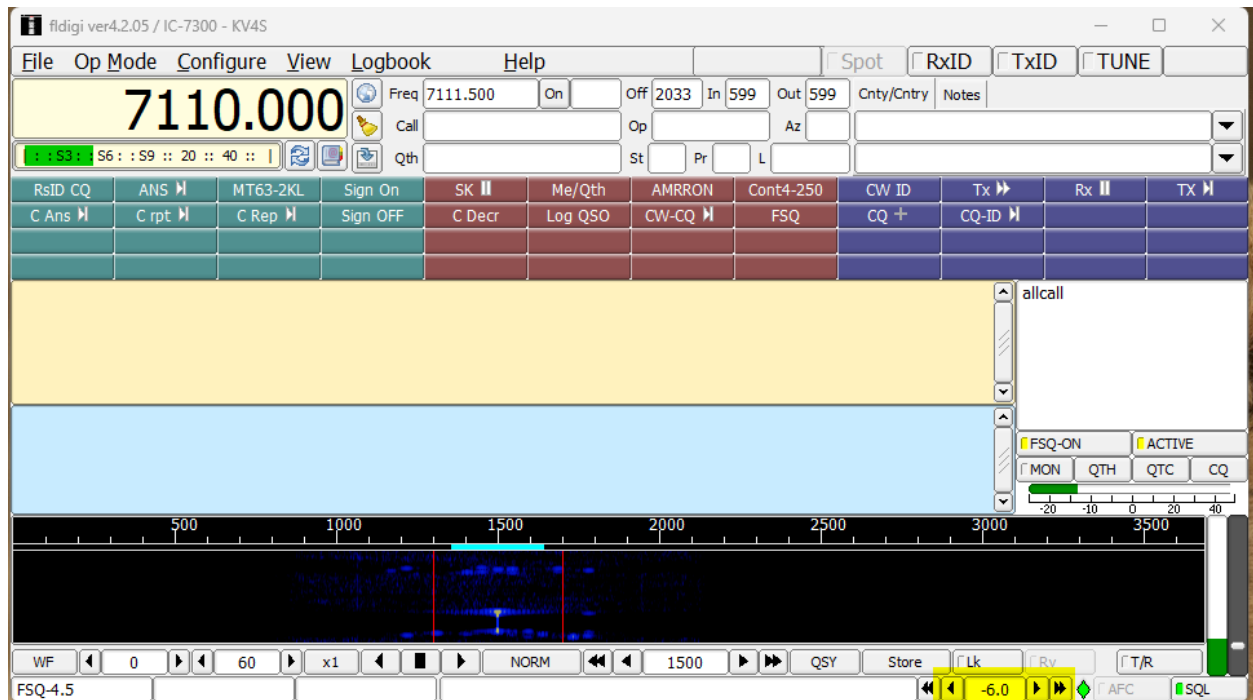
Output device

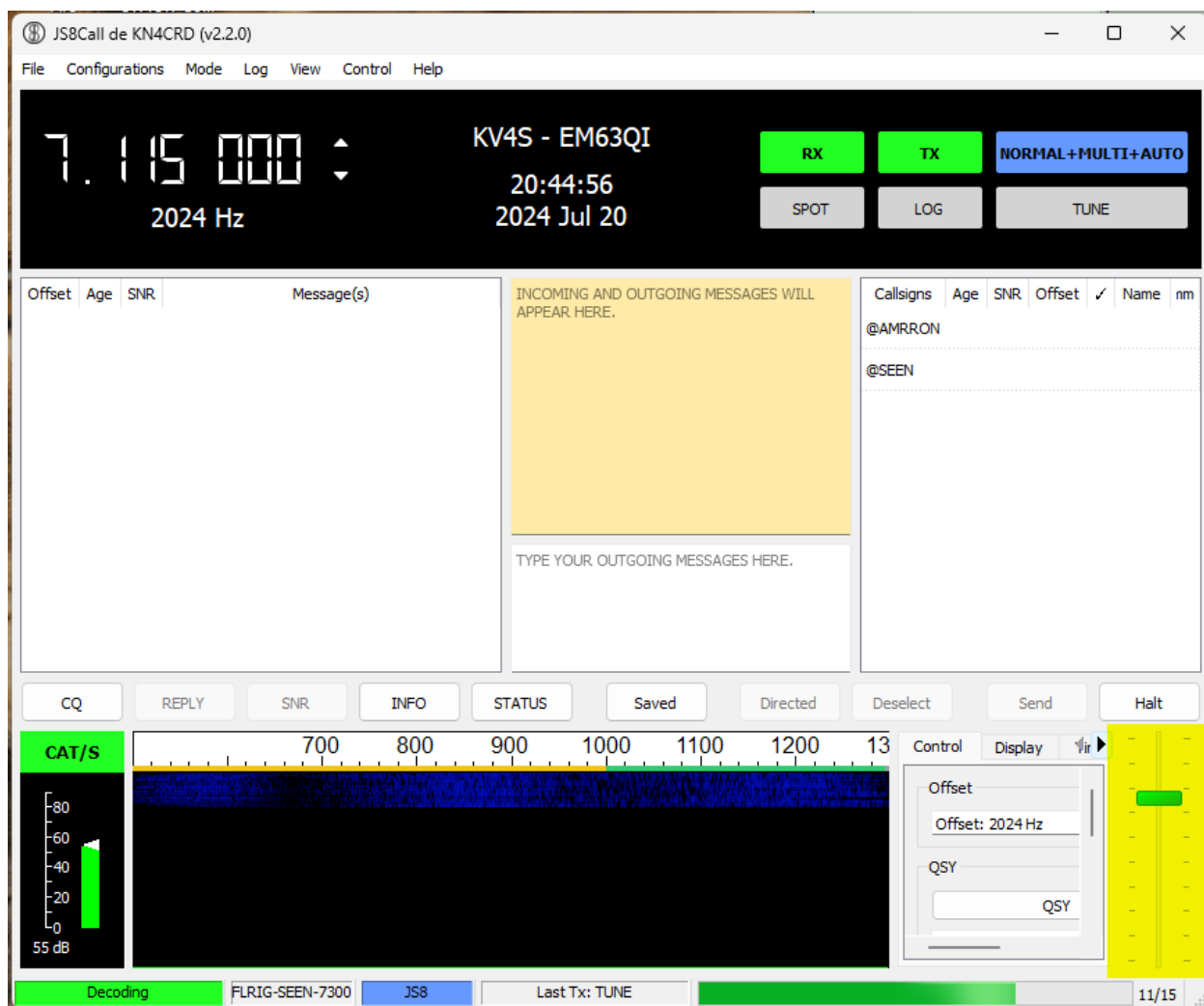
Speakers (USB Audio CODEC) ▾

Input device

Microphone (USB Audio CODEC) ▾

Now that windows is configured, each app will have adjustment in software to adjust for audio volume, ALC, Power output about 1/3 on 7300.





VARA HF:

