Remote HF Station: WSJT-X Virtual Audio Cable Issue resolved
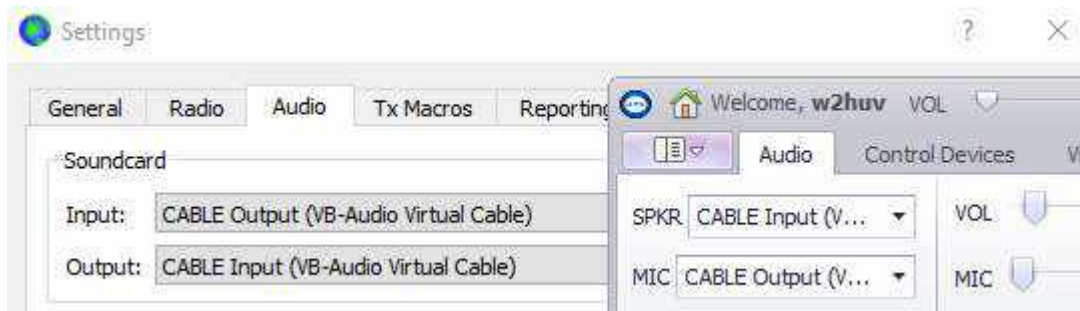## By John Hill, W2HUV

I have been having difficulty getting FT8 working properly on the Remote HF Station since the Icom IC-7300 was replaced with a Kenwood TS-480 so that the IC-7300 could be used locally. It took me a while, but I have finally determined the solution. Use a VAC 4.66 (Lite) Virtual Audio Cable instead of the VB CABLE Virtual Audio Device currently suggested in http://gloucestercountyarc.weebly.com/uploads/1/1/5/5/11554662/wsjt-x_operation_2021-08-02.pdf

The reason that the change is needed is that the former includes an output gain control required for stable operation with the TS-480 that the latter does not include. The former is also FREE!
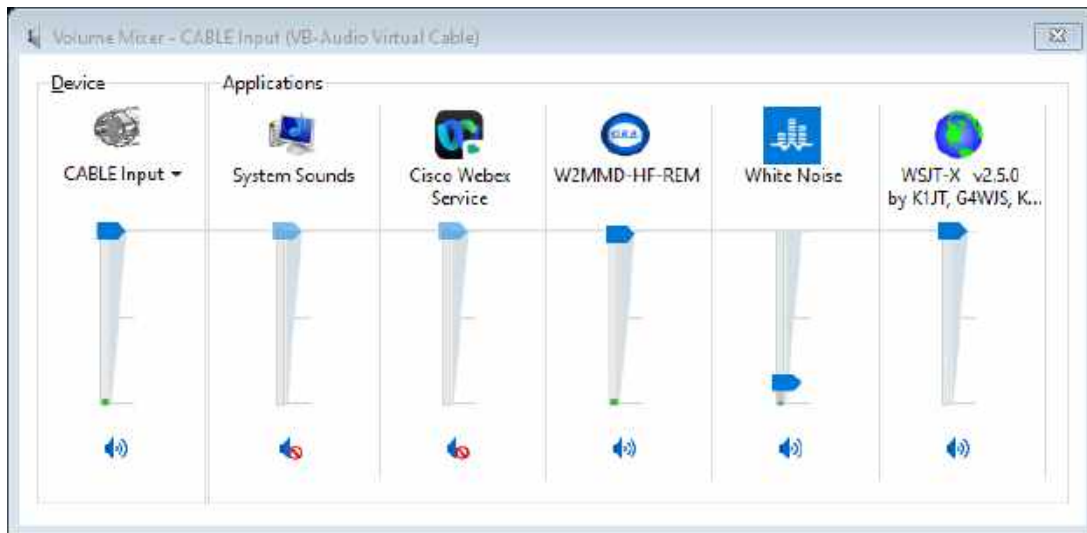
Additional Information:

Prior to studying the "Virtual Audio Cable" tab on http://vb-audio.com/Cable/index.htm , I had always assumed that two cables were required to connect WSJT-X to the RCForb client. Now I realize that the connections shown below are all to a single cable, two connections to the input and two to the output.

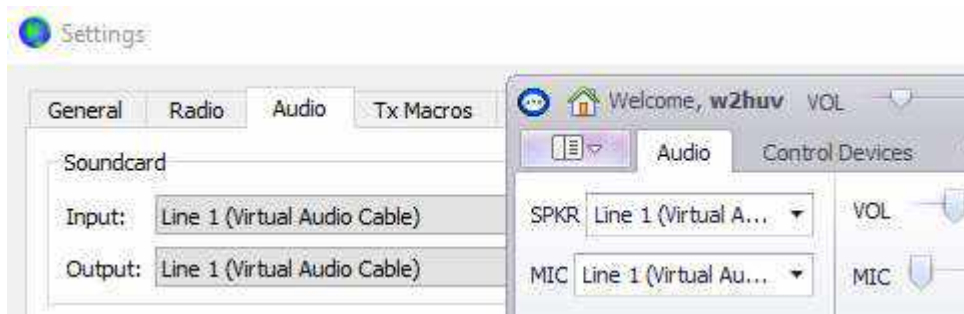**CABLE** Input and Output Connections

The **CABLE** Input connections appear on the **CABLE** Input Volume mixer on the next page as "WSJT-X v2.5.0" and "W2MMD-HF-REM, respectively. Note that these signals appear at the WSJT-X input.

CABLE Input Mixer

Line 1 Input and Output Connections

The **Line 1** Input connections appear on the **Line 1** Volume mixer on the next page as "WSJT-X v2.5.0" and "W2MMD-HF-REM, respectively. These signals appear at the WSJT-X Input **following an output volume control.**

This looks strange, doesn't it? Windows 10/11 automatically connects an App to the required **Line 1** input (Sound Playback) or output (Sound Recording) device.

This configuration has been tested and works fine.

Line 1 Volume Mixer