

# TX-500 Input Level Setup for Digital Modes

on the example of the WSJT-X program

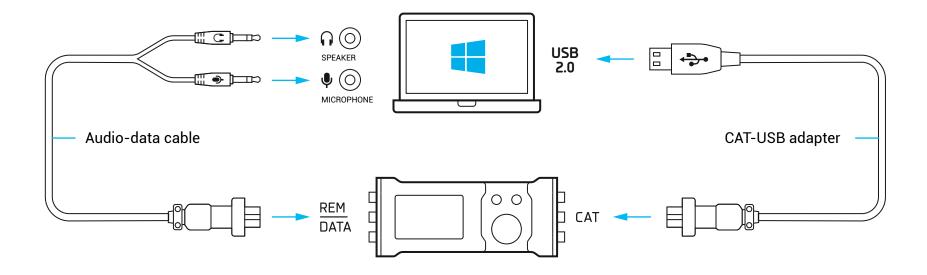
**VERSION 1.0** 



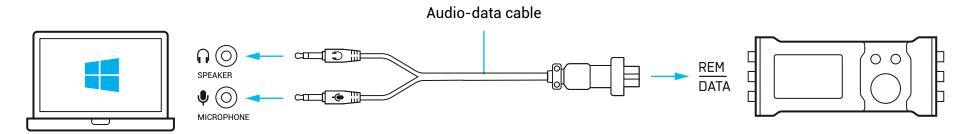
# 1. Connecting the TX-500 to a PC

There are options for connecting the TX-500 transceiver with control over the CAT interface or via VOX

### a. Connection with CAT interface control



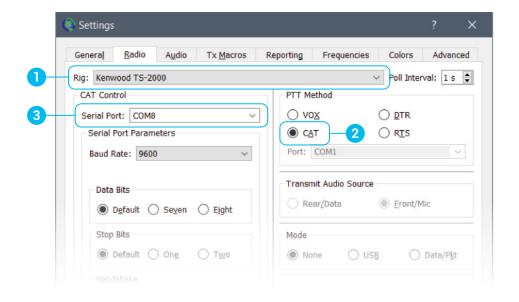
## b. Connecting with VOX control





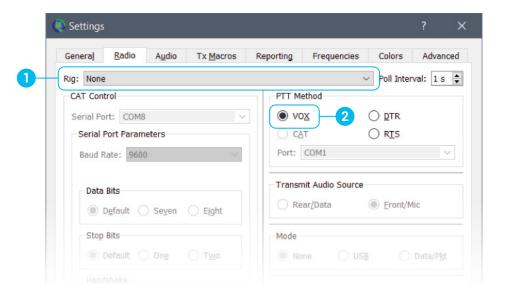
## 2. Setting up the WSJT-X program

- 2.1. Go to FIle > Settings, Radio tab
- a. CAT interface control:



- 1 Select Rig: Kenwood TS-2000
- Select the PTT control method: CAT
- 3 Select the COM port number to which the transceiver is connected

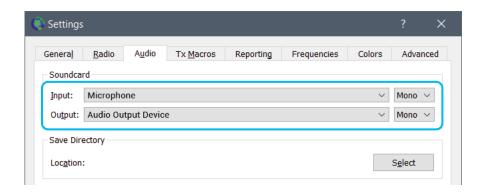
#### b. VOX control:



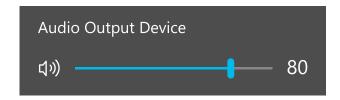
- Select Rig: None
- 2 Select the PTT control method: VOX



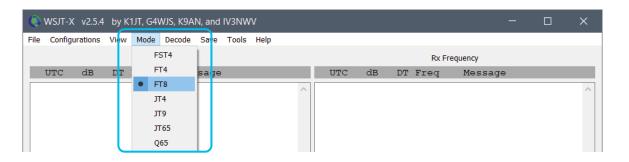
2.2. Go to Flle > Settings, Audio tab and select audio input and output devices



**2.3.** In the operating system volume mixer, set the audio output level from 50 to 90%



2.4. In the main window of the WSJT-X program, in the Mode tab, select FT8



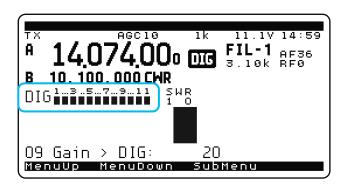


## 3. Setting up the TX-500 transceiver

- **3.1.** In the TX-500 settings menu change the level indication type to MIC
  - 22. TX METR: MIC
- **3.2.** Set the initial value of the level DIG = 20
  - 09. GAIN > DIG: 20 (MIC/DIG mode switched by SubMenu key)
- 3.3. Turn on TUNE in the main window of WSJT-X



3.4. Adjust the DIG value until all cells on the indicator scale are completely filled



If, during the setup, the DIG level approaches the maximum, but the indicator scale is not filled, increase the audio output level on the PC (see paragraph 2.3)