

Flexradio FLEX 6600M and FT8 with WSJT-X v1.9.1

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FT8	
160m	1.840
80m	3.573
40m	7.074
30m	10.136
20m	14.074
17m	18.100
15m	21.074
12m	24.915
10m	28.074
6m	50.313

1 Configure Flex Profile for 4 individual Receivers (bands)

For example: 30m, 17m, 15m and 40m (Profile name: 4 RX for WSJT-X FT8)

The screenshot displays the FlexRadio software interface with four receiver profiles configured for WSJT-X FT8. Each profile is shown in a separate window, displaying the frequency, band, and various settings.

- Profile 1 (Top):** Frequency 10.136.000, Band 30m, SPLIT TX A, -70 dBm.
- Profile 2:** Frequency 18.100.000, Band 17m, SPLIT TX B, -72 dBm.
- Profile 3:** Frequency 21.074.000, Band 15m, SPLIT TX C, -93 dBm.
- Profile 4 (Bottom):** Frequency 7.074.000, Band 40m, SPLIT TX D, -109 dBm.

The interface also shows various control panels on the right side, including RF Power, Tune Pwr, SWR, and TX Filter settings. The bottom status bar indicates the software version (v2.4.9) and the user name (Wolfgang).

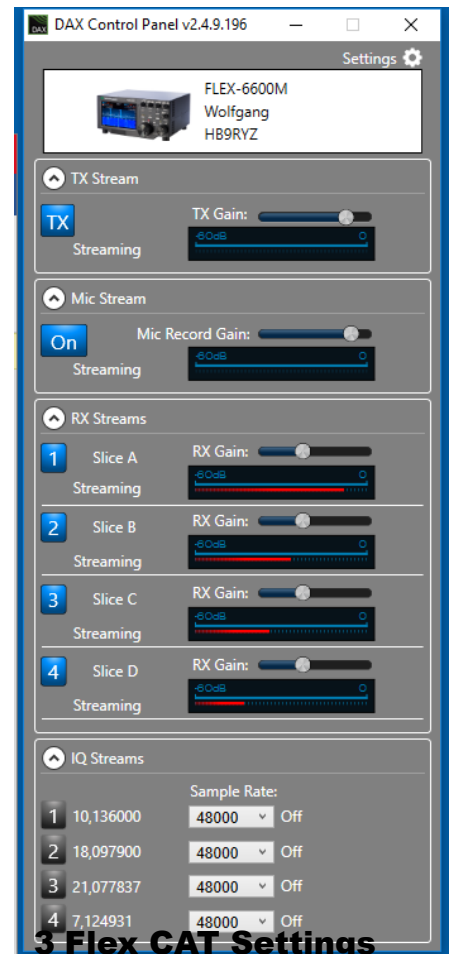
2 Flex DAX Settings

DAX Control Panel

- RX-Gain set to: 38
- TX-Gain set to: 80

Slice Control

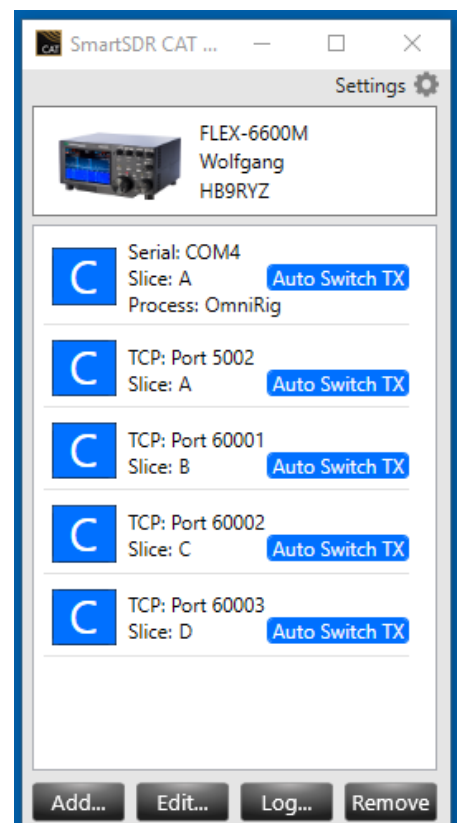
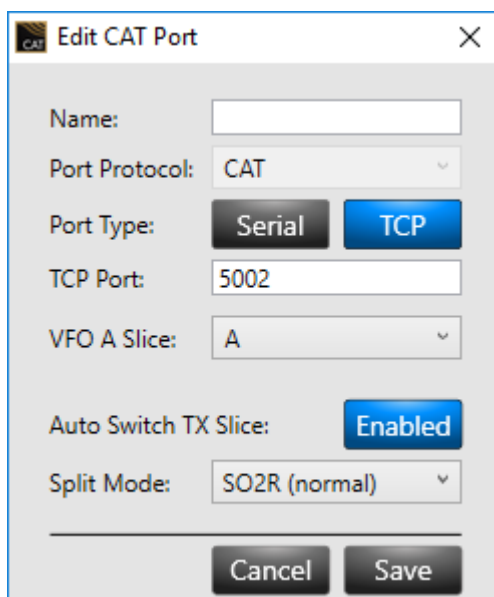
Audio to: 45
 AGC: OFF
 AGC Level: 30
 Mode: DIGU
 DAX: set to correct Channel 1-4



3 Flex CAT Settings

TCP: Port 5002 → Slice A
 TCP: Port 60001 → Slice B
 TCP: Port 60002 → Slice C
 TCP: Port 60003 → Slice D

Settings for each Slice (e.g. Slice A)



4 Start four independent WSJT-X instances

1. Instance 1: C:\WSJT\wsjtx\bin\wsjtx.exe --rig-name=RX1



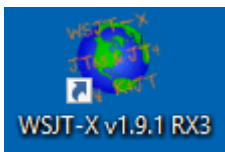
- a. Rig: FlexRadio 6xxx
- b. CAT Control: localhost:5002
- c. PTT Method: CAT
- d. Mode: None
- e. Split Operation: Fake It
- f. Poll Interval: 1s
- g. Audio Input: DAX Audio **RX 1** (Flexradio Sywstems DAX Audio), Mono
- h. Audio Output: DAX Audio TX (FlexRadio Systems DAX TX), Mono

2. Instance 2: C:\WSJT\wsjtx\bin\wsjtx.exe --rig-name=RX2



- a. Rig: FlexRadio 6xxx
- b. CAT Control: localhost:60001
- c. PTT Method: CAT
- d. Mode: None
- e. Split Operation: Fake It
- f. Poll Interval: 1s
- g. Audio Input: DAX Audio **RX 2** (Flexradio Sywstems DAX Audio), Mono
- h. Audio Output: DAX Audio TX (FlexRadio Systems DAX TX), Mono

3. Instance 3: C:\WSJT\wsjtx\bin\wsjtx.exe --rig-name=RX3

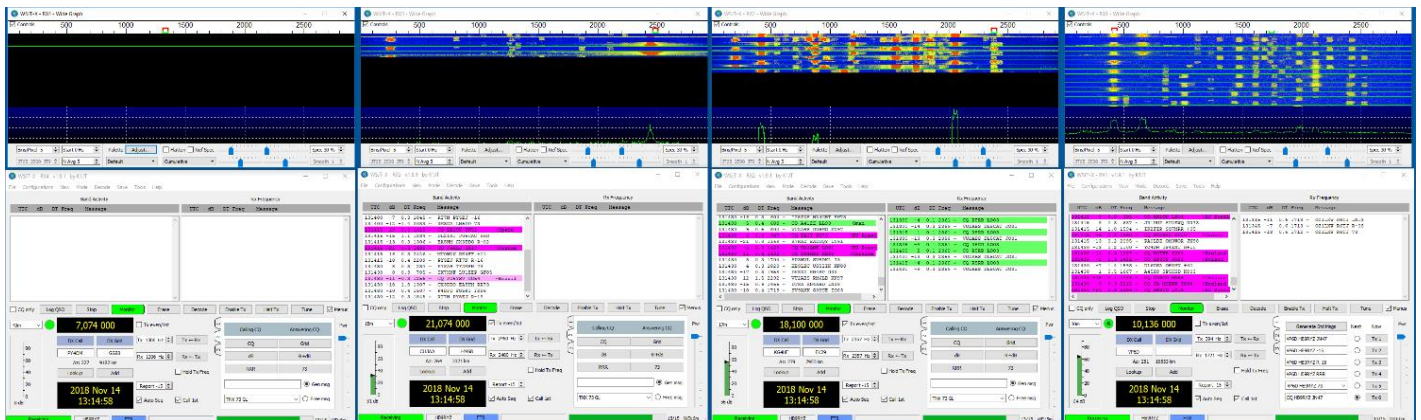


- a. Rig: FlexRadio 6xxx
- b. CAT Control: localhost:60002
- c. PTT Method: CAT
- d. Mode: None
- e. Split Operation: Fake It
- f. Poll Interval: 1s
- g. Audio Input: DAX Audio **RX 3** (Flexradio Sywstems DAX Audio), Mono
- h. Audio Output: DAX Audio TX (FlexRadio Systems DAX TX), Mono

4. Instance 4: C:\WSJT\wsjtx\bin\wsjtx.exe --rig-name=RX4



- a. Rig: FlexRadio 6xxx
- b. CAT Control: localhost:60003
- c. PTT Method: CAT
- d. Mode: None
- e. Split Operation: Fake It
- f. Poll Interval: 1s
- g. Audio Input: DAX Audio **RX 4** (Flexradio Sywstems DAX Audio), Mono
- h. Audio Output: DAX Audio TX (FlexRadio Systems DAX TX), Mono











































5 How to start 4 times WSJT-X and JTAAlert-X with only one Mouse Click?

With the following script you're able to start 4 WSJT-X and JTAAlert-X session with only one click.
The command PING -n 3 127.0.0.1>nul will pause the batch file for 3 seconds before the next program is started.

```
cls
Echo Starting
start C:\WSJT\wsjtx\bin\wsjtx.exe --rig-name=RX1
PING -n 3 127.0.0.1>nul
start C:\WSJT\wsjtx\bin\wsjtx.exe --rig-name=RX2
PING -n 3 127.0.0.1>nul
start C:\WSJT\wsjtx\bin\wsjtx.exe --rig-name=RX3
PING -n 3 127.0.0.1>nul
start C:\WSJT\wsjtx\bin\wsjtx.exe --rig-name=RX4
PING -n 3 127.0.0.1>nul
cd "C:\Program Files (x86)\HamApps\JTAAlert\"
start JTAAlert.exe /wsjtx
PING -n 3 127.0.0.1>nul
start JTAAlert.exe /wsjtx
PING -n 3 127.0.0.1>nul
start JTAAlert.exe /wsjtx
PING -n 3 127.0.0.1>nul
start JTAAlert.exe /wsjtx
Echo DONE
exit
```

6 PC Audio Settings by Flex-Radio (SmartSDR)

- ▼  Audioeingänge und -ausgänge
 -  C49HG9x (NVIDIA High Definition Audio)
 -  DAX Audio RX 1 (FlexRadio Systems DAX Audio)
 -  DAX Audio RX 2 (FlexRadio Systems DAX Audio)
 -  DAX Audio RX 3 (FlexRadio Systems DAX Audio)
 -  DAX Audio RX 4 (FlexRadio Systems DAX Audio)
 -  DAX Audio RX 5 (FlexRadio Systems DAX Audio)
 -  DAX Audio RX 6 (FlexRadio Systems DAX Audio)
 -  DAX Audio RX 7 (FlexRadio Systems DAX Audio)
 -  DAX Audio RX 8 (FlexRadio Systems DAX Audio)
 -  DAX Audio TX (FlexRadio Systems DAX TX)
 -  DAX IQ RX 1 (FlexRadio Systems DAX IQ)
 -  DAX IQ RX 2 (FlexRadio Systems DAX IQ)
 -  DAX IQ RX 3 (FlexRadio Systems DAX IQ)
 -  DAX IQ RX 4 (FlexRadio Systems DAX IQ)
 -  DAX MIC Audio (FlexRadio Systems DAX MIC Audio)
 -  DAX RESERVED AUDIO RX 1 (FlexRadio Systems DAX Audio)
 -  DAX RESERVED AUDIO RX 2 (FlexRadio Systems DAX Audio)
 -  DAX RESERVED AUDIO RX 3 (FlexRadio Systems DAX Audio)
 -  DAX RESERVED AUDIO RX 4 (FlexRadio Systems DAX Audio)
 -  DAX RESERVED AUDIO RX 5 (FlexRadio Systems DAX Audio)
 -  DAX RESERVED AUDIO RX 6 (FlexRadio Systems DAX Audio)
 -  DAX RESERVED AUDIO RX 7 (FlexRadio Systems DAX Audio)
 -  DAX RESERVED AUDIO RX 8 (FlexRadio Systems DAX Audio)
 -  DAX RESERVED AUDIO TX (FlexRadio Systems DAX TX)
 -  DAX RESERVED IQ RX 1 (FlexRadio Systems DAX IQ)
 -  DAX RESERVED IQ RX 2 (FlexRadio Systems DAX IQ)
 -  DAX RESERVED IQ RX 3 (FlexRadio Systems DAX IQ)
 -  DAX RESERVED IQ RX 4 (FlexRadio Systems DAX IQ)
 -  DAX RESERVED MIC AUDIO (FlexRadio Systems DAX MIC Audio)
 -  Digitale Ausgabe (3- USB Multi-Channel Audio Device)
 -  Eingang (3- USB Multi-Channel Audio Device)
 -  Headset Remote Station (USB audio CODEC)
 -  Headset Remote Station (USB audio CODEC)
 -  Lautsprecher (3- USB Multi-Channel Audio Device)
 -  Mikrofon (3- USB Multi-Channel Audio Device)
 -  PC Logitech Lautsprecher (Realtek High Definition Audio)
 -  Realtek Digital Output (Realtek High Definition Audio)
 -  SPDIF In (3- USB Multi-Channel Audio Device)
 -  Stereo Mix (3- USB Multi-Channel Audio Device)