

# N1MM+ with WSJT-X for Field Day

Set up N1MM+ for Field Day in advance, and be sure it is working for CW and Phone.

Open N1MM+.

Go to **Config**, then **Configure Ports**. Click on the **WSJT/JTDX Setup** tab at the far right on the top.

Click on the **Enable** box for Radio #1 for **WSJT-X** and **JTDX UDP Settings**.

Near the bottom, for the **WSJT-X/JTDX Path** text box, enter **C:\WSJT\wsjtx\bin\wsjtx.exe** (or the path to the JTDX executable file) for your computer.

The **IP Address** is preset to 127.0.0.1 and the **UDP Port** is preset to 2237; these should not need to be changed.

Now turn off N1MM+ (this is necessary because you must restart N1MM+ to save the settings you just stored).

Open WSJT-X.

Go to **File-Settings-Radio**. Set the Radio type to **DX Lab Suite Commander**. You do not need this software; it's just the protocol within WSJT-X that makes the interconnection work. Set WSJT-X's PTT method to **CAT**.

Click on the **Reporting** tab. Click in the box that says **Log Automatically (contesting only)** and click in the **Accept UDP Requests** box. The **UDP Server** should be 127.0.0.1, and the **USP Server port number** should be 2237, as previously.

Now close WSJT-X.

Open N1MM+.

Once it is open, verify that rotating the rig's tuning dial causes frequency change to show up in N1MM+. Type **CW** in the N1MM+ Callsign Field to set the mode to CW, and verify that you have CW message generation (if used). Now type **USB** to go to Phone, to verify that mode change is working. If so...

Type **FT8**. This should open up WSJT-X in the FT8 mode. After a few seconds, the frequency will appear in the appropriate box in WSJT-X. Select other frequencies in the WSJT-X frequency drop-down box, to verify that all is OK.

## **Important Operating Notes!**

To change from FT8 to FT4, just type **FT4** in the N1MM+ callsign field. To go back to FT8, type in **FT8**.

**But to go to USB/LSB or CW**, and this is absolutely essential, you must exit from WSJT-X by clicking on “**X**” in the WSJT-X main operating screen; this will cause the WSJT-X main screen and Decode List boxes to disappear. **NOW** you can type **CW** in the N1MM+ callsign field to go to that mode, or type in **LSB** or **USB**, as appropriate.

To return to FT8, you may type **FT8** in the callsign field of N1MM+, and WSJT-X will again appear, as it did previously.

***But you must not attempt to type in CW or USB/LSB into the N1MM+ callsign field without manually exiting from WSJT-X; if you do this while the WSJT-X main screen and Decode List are present, bad things will happen and nothing will work right. You’ll have to close everything and then re-open N1MM+.***

If something seems messed up, you can use the following on-line checklist to verify that your setup is OK.

<https://n1mmwp.hamdocs.com/manual-windows/wsjt-x-decode-list-window/#setup-checklist>