wsjt-x version 1.8 download

Wsjt-x version 1.8 download.

WSJT SOFTWARE DOWNLOAD PAGE.

WSJT PROGRAM SOFTWARE.

To install WSJT for the first time, download the file WSJT470.EXE and execute it to install WSJT to a directory of your choice. Be sure to print and read the manual, which is included in the distribution. If you have already installed WSJT, you can upgrade to the current version by downloading and executing UPD470.EXE. Versions 4.0 and later will not overwrite an installed version of WSJT 3.x. You may, for example, have versions 3.8.1 and 4.6.0 installed at the same time, which will give you access to JT44 as well as the newer JT6M, JT65, and FSK441 modes.

SimJT is a new program (April 2004) that allows you to generate JT65 and CW wave files with specified message content, S/N, and other relevant parameters. It is useful for testing relative sensitivities of these modes under carefully controlled conditions. Click here for the SimJT User's Guide.

Current program downloads:

1. Full WSJT 4.7.0 installation : WSJT470.EXE (6.9 MB) 2. Update to v4.7.0 : UPD470.EXE (1.5 MB) 3. SimJT version 0.5.0 : SimJT050.EXE (0.4 MB)

Archival downloads:

1. Full WSJT 3.0 installation: WSJT300.EXE (5.7 MB) 2. Update to v3.8.1: UPD381.EXE (0.7 MB) 3. Command-line program to generate an audio file with your station's CW identification CWID.EXE (0.3 MB) 4. System file: MSCOMCT2.OCX (0.6 MB)

DOCUMENTATION : The principal user documentaion for WSJT is an 18-page WSJT 4.6 User's Guide. It contains all you need to know to use the program.

The much longer Version 3.0 User's Guide and Reference Manualis also still available. It includes many details about how WSJT works.

It is hoped to make a new Technical manual available before long. For now, there is a brief document outlining the Technical Specifications of JT65.

Update WSJT-X 2.4.0 (Ham)

WSJT-X implementeert communicatieprotocollen of "modes" genaamd JT4, JT9, JT65, QRA64, ISCAT, MSK144 en WSPR, evenals een Echo genoemd voor het detecteren en meten van uw eigen radiosignalen die van de Maan worden weerspiegeld. Deze modi werden allemaal ontworpen voor het maken van betrouwbare, bevestigde QSO's onder extreme zwakke-signaal omstandigheden.

Alles behalve ISCAT gebruiken bijna identieke berichtstructuur en "broncodering", de efficiënte compressie van standaard berichten gebruikt om minimale QSO's te maken. JT65 en QRA64 zijn ontworpen voor EME ("moonbounce") op de VHF / UHF bands; JT65 is ook erg populair en effectief voor wereldwijde QRP communicatie bij HF. JT9 is geoptimaliseerd voor de LF, MF en HF bands. Het is ongeveer 2 dB gevoeliger dan JT65 terwijl u minder dan 10% van de bandbreedte gebruikt.

Met ofwel JT9 of JT65 zijn wereldwijde QSO's mogelijk met vermogensniveaus van een paar watt en compromissen van antennes. JT4 en QRA64 zijn geoptimaliseerd voor EME op de VHF en hogere bands, en vooral de microgolfbanden van 2,3 tot 24 GHz. Ten slotte, zoals beschreven meer volledig op zijn eigen pagina, implementeert de WSPR-modus een protocol dat is ontworpen voor het onderzoeken van potentiële voortplantingspaden met low power transmissies. WSPR is nu volledig geïmplementeerd binnen WSJT-X, inclusief automatische bandhopping.

Het biedt flexibele controle op bijna alle moderne transceivers. Upgraden van WSJT-X versies 1.4, 1.5, 1.6, 1.7 en 1.9.1 zullen naadloos zijn; Er is geen noodzaak om een vorige versie te verwijderen of bestanden te verplaatsen. Als u upgraden van WSJT-X v1.3 moet u uw logbestanden naar een nieuwe locatie kopiëren en uw instellingen opnieuw invoeren.

Changelog:

Upgrading from a previous version will be straightforward. There is no need to uninstall or move any files. If you want to make sure to have the latest list of default working frequencies, g o to File | Settings | Frequencies , right-click in the Working Frequencies list, and select Reset .

Description.

WSJT-X implements communication protocols or "modes" called FST4, FST4W, FT4, FT8, JT4 , JT9 , JT65 , Q65 , MSK144 , and WSPR , as well as one called Echo for detecting and measuring your own radio signals reflected from the Moon. These modes were all designed for making reliable, confirmed QSOs under extreme weak-signal conditions.

JT4 , JT9 , and JT65 use nearly identical message structure and source encoding (the efficient compression of standard messages used for minimal QSOs). They use timed 60-second T/R sequences synchronized with UTC. JT4 and JT65 were designed for EME ("moonbounce") on the VHF/UHF/microwave bands. JT9 is optimized for the MF, and HF bands. It is about 2 dB more sensitive than JT65 while using less than 10% of

the bandwidth. Q65 offers submodes with a wide range of T/R sequence lengths and tone spacings.

FT4 and FT8 are operationally similar but use T/R cycles only 7.5 and 15 s long, respectively. MSK144 is designed for Meteor Scatter on the VHF bands. These modes offer enhanced message formats with support for nonstandard callsigns and some popular contests.

FST4 and FST4W are designed particularly for the LF and MF bands. On these bands their fundamental sensitivities are better than other WSJT-X modes with the same sequence lengths, approaching the theoretical limits for their rates of information throughput. FST4 is optimized for two-way QSOs, while FST4W is for quasi-beacon transmissions of WSPR -style messages. FST4 and FST4W do not require the strict, independent time synchronization and phase locking of modes like EbNaut.

As described more fully on its own page, WSPR mode implements a protocol designed for probing potential propagation paths with low-power transmissions. WSPR is fully implemented within WSJT-X , including programmable "band-hopping".

Latest General Availability (GA) release: WSJT-X 2.4.0 WSJT-X 2.4 provides features and capabilities new since version 2.3, including the Q65 mode and improved rig control. New features are described in the WSJT-X User Guide here and in the Release Notes. If you will ues the new Q65 mode, please read the Quick-Start Guide to Q65. Upgrading from a previous version will be straightforward. There is no need to uninstall or move any files. If you want to make sure to have the latest list of default working frequencies, g o to File | Settings | Frequencies , right-click in the Working Frequencies list, and select Reset .

English (v2. 4) - html English (v2.4) - pdf German (v 2.4) (OE1EQW) Swedish (v1.9) (SM7VRZ) French (v2.0) (ON4CN) Norwegian (v2.4) (LA6VQ) Italian (v2.0) (IZ8EEI) Russian (v2.1) (RA3TOX) Dutch (v2.4) (ON4CKT) Japanese (v2.2, pdf) (JA7UDE) Japanese (v2.2, html) (JH8XVH) Spanish (v2.2) (EA4BAS) FMT_User English: FT8 DXpedition Mode (K1JT) German: FT8 DXpeditions-Modus–Handbuch (OE1EQW) Polish: FT8 Tryb Ekspedycji DX dla stacji Hound (SP9TTG) Norwegian: FT8 DX-pedisjonsmodus Brukerveiledning (LA6VQ) Finnish: FT8 DXpedition Mode Käyttäjäopas (Finnish) (OH1KH) Japanese: FT8 DXペディションモードユーザーガイド (JA7UDE) Portuguese: FT8 DXpedition Mode (CT1EKD) French: Mode FT8 DXpedition Guide de l'utilisateur (F8RZ) Dutch: FT8 DXpeditie-modus Gebruikershandleiding (PD0NUD) Spanish: Guia de usuario del modo Expedición DX de FT8 (EA4TV) Chinese: FT8_远征模式 使用指南 (BG2KAJ) Italian: FT8_DXpedition_Mode (PY1ZRJ) Russian FT8_мода_для_DXpedition (UN0LL) Korean FT8 DXpedition Mode (HL3AMO) Croatian FT8 DXpedition Mode (9A2JK)

Version 2.4.0: wsjtx-2.4.0-win32.exe. (Win 7, Win 8, and Win 10). Version 2.4.0: wsjtx-2.4.0-win64.exe. (Win 7, Win 8, and Win 10). Version 2.4.0 Debian, Ubuntu 18.04 LTS, . (32-bit): wsjtx_2.4.0_i386.deb Debian, Ubuntu 20.04 LTS, . (64-bit): wsjtx_2.4.0_amd64.deb Fedora 30, RedHat, . (32-bit): wsjtx-2.4.0.i686.rpm Fedora 33, RedHat, . (64-bit): wsjtx-2.4.0.x86_64.rpm Raspberry Pi OS Buster, ARMv6, . : wsjtx_2.4.0_armhf.deb Raspberry Pi OS Buster, arm64 (64-bit): wsjtx_2.4.0_arm64.deb.

Version 2.4.0 for macOS 10.13 and newer: wsjtx-2.4.0-Darwin.dmg Source code for WSJT-X 2.4.0 : wsjtx-2.4.0.tgz.

Candidate releases are intended for beta testers: individuals interested in testing the program's new features and providing feedback to the WSJT Development Team. This is the second candidate release for WSJT-X 2.5.0 , offering a number of enhancements and bug fixes. On Windows platforms it includes MAP65 3.0.0-rc2, a wideband polarization-matching tool intended primarily for EME. Be sure to read Release Notes and the Quick-Start Guide to WSJT-X 2.5.0 and MAP65 3.0.

Send bug reports and feedback to wsjt-devel@lists.sourceforge.net. You will need to subscribe to the list in order to post there. Installation packages for WSJT-X 2.5.0-rc2.

Windows: Installation instructions for Windows can be found here in the User Guide. If you intend to use MAP65, be sure to install to a directory in which you will have write permission at execution time.

WSJT-X 2.4.0 new version available to download.

WSJT-X 2.4.0 introduces Q65 , a new digital protocol designed for minimal two-way QSOs over especially difficult propagation paths. On paths with Doppler spread more than a few Hz, the weak-signal performance of Q65 is the best among all WSJT-X modes.

Q65 uses message formats and sequencing identical to those used in FST4, FT4, FT8, and MSK144. Submodes are provided with a wide variety of tone spacings and T/R sequence lengths 15, 30, 60, 120, and 300 s. A new, highly reliable list-decoding technique is used for messages that contain previously copied message fragments. Message averaging is provided for situations where single transmissions are too weak or signal enhancements too sparse for a signal to be decoded.

WSJT-X 2.4.0 General Availability Release adds new Q65 mode functionality and decoder optimizations and repairs several defects and regressions discovered in the RC4 and v2.3.1 GA releases. Since the release candidates documented below this final release includes the following enhancements and defect repairs.

– On MS Windows WSJT-X now ships with a DLL version of the Hamlib library, specifically Hamlib version 4.2. This should allow Hamlib bug fixes to resolved by the user replacing the DLL with an updated version.

– Repair a defect with own call decode highlighting when callsigns with a common root are decoded.

– Q65 message averaging correctly disabled as be menu option.

– Repair a regression with missing timestamps in AlL.TXT for the MSK144 mode.

– Repair a defect in the selection of working frequencies matching the current band and mode combination.

– WSPR band hopping mode now generates a tune up tone for bands where it is scheduled to transmit.

– Repair a long standing defect per band tune and Tx power level memories.

– More flexibility for inputting calls into the DX Call field, leading and trailing white space characters are allowed but ignored.

Wsjt-x version 1.8 download.

Download of wsjtx-2.5.0-rc1-win32.exe (wsjtx-2.5.0-rc1-win32.exe (external link: SF.net): 31,245,309 bytes) will begin shortly. If not so, click link on the left.

File Information.

Where do you want to go next?

Review.

Your rating on WSJT.

Project Description.

The WSJT project currently includes five programs designed for amateur radio communication using state of the art digital techniques. Typical applications include meteor scatter, EME ("moonbounce"), and QRP communication at HF.

Summary Program Descriptions:

WSJT: Modes JTMS, FSK441, ISCAT, JT6M, JT65, JT4, Echo, CW. Optimized for meteor scanner, ionospheric scatter, and EME at VHF/UHF/Microwaves.

WSJT-X: Modes JT65, JT9. Primarily for use at HF. MAP65: For EME an VHF and higher frequencies. Implements a panoramic, polarization-matching receiver for JT65.

WSPR: Probe potential propagation paths using low-power transmissions.

WSPR-X: Experimental version of WSPR, including the slow mode WSPR-15.

Source code is maintained here SourceForge. For installable end-user packages please go to the WSJT web site at the link below.