

## WIRES-X PC Software Update Information Version 2.0xx (Supports portable digital node functionality)

This software is for PCs used by WIRES-X node stations.

### Important

Before downloading the software, please read the “Important Notes” carefully.

Downloading this firmware will indicate your agreement with the contents of the “Important Notes”.

If you are installing this software on a computer that already has WIRES-X software installed, please refer to the software installation instructions on page 3.

### Main changes in Ver. 2.0xx

- Added support for WIRES-X operation using FTX-1  
The FTX-1 has built-in functionality equivalent to the HRI-200 and can be operated as a full-spec node.
- Router port forwarding settings are no longer required when operating as a node.
- When operating as a PDN, only information from connected stations can be displayed on the radio.
- Location information can now be changed via your PC.
- Other minor changes

While port forwarding is no longer required in Ver. 2.0xx, there are some combinations of rooms that cannot connect due to incompatibility between the old and new software versions.

#### Compatibility chart for old and new software versions

Version of the connected room		Version of my station		
		Ver. 1.xxx	Ver. 2.0xx	
Ver. 1.xxx		✓	×	Cannot connect between the new version software to an old version room.
Ver. 2.0xx	New Version <u>Exclusive</u> Room	×	✓	Cannot connect between an older version software to a newer version room. Port forwarding is not required when using new version software to a new version room.
	Room compatible with older versions	✓	✓	Rooms compatible with older versions software require port forwarding setup.

For owners who have already opened/operated a room, we ask that you consider migrating to room operation using the “Old Version Compatible Room Function” with Ver. 2.0xx or later.

\* If you already have an environment where a room is in operation (with an IPv4 Global IP and port forwarding enabled), migration is possible with only a software version upgrade.

### Main changes in Ver. 2.010 (May 2026)

- Resolved an issue where Downlink audio could experience dropouts when multiple nodes in a Room initiated Uplink transmission at the same time.
- Fixed a bug where the Ver. 1.5 node would disconnect if there was an uplink from the FTX-1 node.
- Fixed an issue where QSL images were not transmitted correctly upon connection.
- Fixed a display corruption issue in the popup list of connected Nodes when a Ver. 1.5xx node connected to a Room with 129 or more node connections.

Depending on the node/room version, there are combinations where the list of connected stations may not be displayed correctly (see table below). Therefore, please use Ver. 2.010 for both the node and room.

Version of the connected room	Version of my station			
	Ver. 1.5xx	Ver. 2.000	Ver. 2.010	
Ver. 2.000	×	✓	×	Connections from versions 1.5xx and 2.010 will not display correctly.
Ver. 2.010	✓	×	✓	Connections from Ver. 2.000 will not display correctly.

## System Requirements

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**OS:** Microsoft Windows® 11

**Processor Clock Frequency:** 2.0GHz or faster

RAM that meets the OS system requirements (4GB or more recommended)

**Storage:** 64GB or more free space (256GB or more SSD recommended)

**Display resolution:** 1366 x 768 or higher 16-bit high color or higher (32-bit true color is recommended)

**USB port:** Full-speed USB

**LAN port:** 100BASE-TX/1000BASE-T or Wi-Fi: IEEE 802.11 b or higher Audio Interfaces<sup>\*1</sup>

\*1 Sound function is also required when using the “Portable Digital Node Mode” or “Portable HRI Mode”. Furthermore, when communicating in “Direct Operation” in “Portable HRI Mode” using the FT5D, FT3D or FT2D the personal computer must have the “audio input from the microphone terminal pass to the speaker output” function.

3.5Φ speaker terminal, 3.5Φ microphone terminal<sup>\*2</sup> (It is necessary only for Internet communication in “Portable HRI Mode”.)

\*2 In the case of a unique terminal such as a laptop, adapt it to a 3.5Φ speaker terminal and 3.5Φ microphone terminal with a commercially available conversion cable.

**Speaker:** It is necessary only when communicating in “Direct Operation” in “Portable HRI Mode”.

**Internet Connection:** High-speed lines such as fiber optic are recommended.

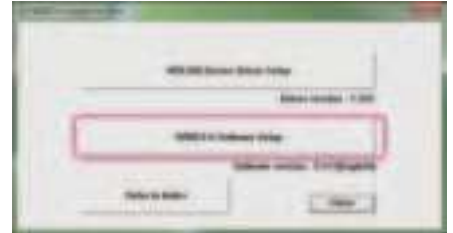
## Important Notes

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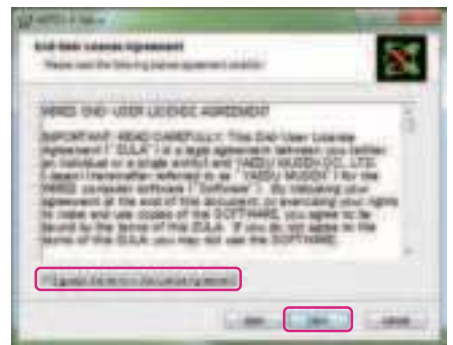
- All responsibility in using this firmware lies with the customer. We cannot be held responsible in any way for damages or losses which may be incurred by the customer as a result of using this firmware.
- Copyrights and all other intellectual property rights for the firmware, as well as the manual, are the property of YAESU MUSEN CO., LTD.
- The revision and modification of this firmware is prohibited. Redistribution, transfer, and resale of downloaded files are also prohibited.
- Downloaded files are for personal use only.
- If assistance is needed to perform the firmware upgrade, please consult with one of our sales sites or service centers.

## Installing WIRES-X software to the PC

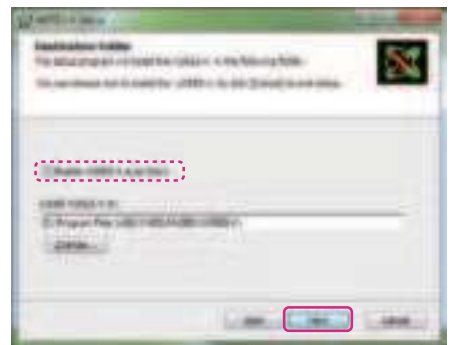
1. Close the WIRES-X software.  
If "Enable WIRES-X Auto Start." was selected when installing the WIRES-X software, right-click the WIRES-X icon displayed on the Windows task bar, then select "Quit" not to reboot the software automatically.
2. Download and unzip the "wx2xxen.zip" file of the WIRES-X software.
3. Execute "Install.exe" file in the unzipped folder.  
The "WIRES-X Installer" window will appear.
4. Click [**WIRES-X Software Setup**].  
The "Welcome to the WIRES-X Setup Wizard" window will appear.



5. Click [**Next**].  
The "License" window will appear.
6. Put a check-mark in the "I accept the terms in the License Agreement" check box, then click [**Next**].  
The "Destination Folder" window will appear.



7. Confirm the destination where the WIRES-X software will install and click [**Next**].  
The "Ready to install WIRES-X" window will appear.



If you put a check-mark in the "Enable WIRES-X Auto Start." check box, the WIRES-X software will run automatically when Windows starts. Even when the WIRES-X software is terminated for some reason, it will reboot automatically.

8. Click [**Install**].  
Software installation will start.  
When installation completes, the "Completed the WIRES-X Setup Wizard" window will appear.
9. Click [**Finish**].  
The "Completed the WIRES-X Setup Wizard" window will close.  
When WIRES-X software installation has been completed properly, the [**Wires-X**] icon will appear on the Windows desktop.
10. Click [**Close**] in the "WIRES-X installer" window.  
Installation of the WIRES-X software is complete.

