HRI-200 – Incorrect Driver Installed

If the HRI-200 is plugged into the Windows PC without installing the Yaesu HRI-200 driver first windows installs the incorrect Microsoft driver.

| 🚦 Device Manager | – |
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| ile <u>A</u> ction <u>V</u> iew <u>H</u> elp | |
| • 🔿 🗊 📴 🔢 💭 🖳 🎍 🗙 🕥 | |
| · 📇 Wires-X | |
| > 🖬 Audio inputs and outputs | |
| > 💻 Computer | |
| > 👝 Disk drives | |
| > 🏣 Display adapters | |
| > 🖉 DVD/CD-ROM drives | |
| > 🙀 Human Interface Devices | |
| > 📷 IDE ATA/ATAPI controllers | |
| > 📮 IEEE 1394 host controllers | |
| > 🚡 Imaging devices | |
| > Keyboards | |
| > 🚺 Mice and other pointing devices | |
| > Monitors | |
| > 🗇 Network adapters | |
| > Dortable Devices | |
| V 🛱 Ports (COM & LPT) | |
| USB Serial Device (COM9) | |
| > 🛱 Print queues | |
| > 🚍 Printers | |
| > Processors | |
| Software devices | |
| > 📓 Sound, video and game controllers | |
| > 🍇 Storage controllers | |
| > To System devices | |
| Universal Serial Bus controllers | |
| S S WSD Print Provider | |

| USB Seria | I Device (CON | 19) Prop | perties | | | × |
|-----------|----------------------------|-----------|----------------------------|------|---|---------------|
| General | Port Settings | Driver | Details | E | vents | |
| | USB Serial D | evice (C(| OM9) | | | |
| | Driver Provid | er: M | icrosoft | | | |
| | Driver Date: | 2 | 1/06/200 | 6 | | |
| | Driver Version | n: 10 | 0.0. <mark>16</mark> 299 | .15 | | |
| | Digital Signer | : M | icrosoft V | line | lows | |
| Dri | ver Details date Driver | 0.000 | | 000 | icrosoft Windo t the installed dri for this device. | |
| Roll | Back Driver | | | | after updating th ously installed dri | |
| Disa | able Device | Disa | ble the de | vic | e. | |
| Unin | stall Device | Unin | st <mark>a</mark> ll the d | evi | ce from the syste | m (Advanced). |
| | | | | | ОК | Cancel |

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The Microsoft driver is incorrect and causes the following problem in the Wires-X Software

| 🐹 WIRES-X | | | | | | | | | - 🗆 X |
|---|--|--|---|---|---------------------------------|--|----------|---|-------------------------------------|
| File(F) View(V) | Conne | ct(C) Tool(I |) Help(<u>H</u>) | | | | | | |
| G.User ID | +DT | Act Call/ | Rm City S | tate Cou | Freq(MHz) SQL | Lat | Lon | | LOCAL HRI-200 |
| ٢ | | | | | | | > | 2018/03/16 14:41:27 2018/03/16 14:41:27 2018/03/16 14:41:27 2018/03/16 14:41:27 2018/03/16 14:41:27 codec 2018/03/16 14:41:27 | |
| +A.User ID | DTM | CallSign | City | State | Country | Freq(MHz) | SC ^ | codec 2018/03/16 14:41:27 |) HRI-200 Audio device detected. |
| AA7GS-ND AA9RA-ND AB2HM-PAT AB3LI-DV AJ4G-ND AK3J-STEW | 11184 11155 11011 11254 11342 11393 | AA7GS AA9RA AB2HM AB3LI AJ4G AK3J | Great Falls Chicago Woodbury Hei Philadelphia Middlesboro Friedens | Montana Illinois New Jersey Pennsylvania Kentucky Pennsylvania | USA USA USA USA USA | 147.240M 145.760M 147.570M 446.500M 443.725M | D(D(| | |
| AMERICALNK | | N5YX | Beaumont | Texas | USA | 145.450M | | | ÷ |
| DIL-K9WRA-R | 11443 | K9WRA | Roanoke | Illinois | USA | 444.750M | | | X |
| A IL-K9WRA/R K0STP-ND | 11179 11344 | K9WRA K0STP | Roanoke Gordonsville | Illinois Virginia | USA USA | 147.255M 443.800M | | | |
| K3UCB-ND | 11086 | K3UCB | Olney | Maryland | USA | 146.580M | | | |
| 🔁 K4EX-RPT | 11425 | K4EX/R | Dade City | Florida | USA | 146.880M | | | |
| A K5CCG-ND | 11414 | K5CCG | Abilene | Texas | USA | 444.425M | | | |
| K7DRA-DAVE K7GJT-GARY | 11101 | K7DRA K7GJT | Rock Springs Vancouver | Wyoming Washington | USA USA | 448.025M | DC | | |
| | 11284 | KABJRJ | Kimball | Michigan | USA | 146.550M | | | |
| < | | | | | 1.000 | antar antar a | > | | |
| +Room ID | | DTM Act | : Room name | City | State | Cou Co | mmer | | SEND CLR |
| | | | | | | | l | 1 | SEND CER |
| | | | | | | | | News | GM |
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| Transceiver Not Co | onect | | | | | | - 1 | | Ver-1.300 ONLINE |
| nansceiser Not Co | meet | | | | | | | | VEI-1.300 ONLINE |

Error: HRI-200 Communication Device not found.

To prevent the problem happing in the first place you should install the HRI-200 driver and Wires-X Software before plugging in the HRI-200 into the PC.

To correct the problem

📇 Device Manager

| File | Ac | tion View Help | | |
|---|--------|--|--|---|
| (*) | » | 🖬 📓 🛛 🖬 💭 | ⊾ × € | |
| ★ 書 | | res-X Audio inputs and outputs Computer Disk drives Display adapters DVD/CD-ROM drives Human Interface Devices IDE ATA/ATAPI controllers IEEE 1394 host controllers IRAGING devices Keyboards Mice and other pointing of Monitors Network adapters Portable Devices Ports (COM & LPT) | | ^ |
| >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> | | USB Serial Device (CO Print queues Printers Processors Software devices Sound, video and gam Storage controllers System devices Universal Serial Bus control WSD Print Provider | Update driver Disable device Uninstall device Scan for hardware changes Properties | ~ |
| Uninst | alls t | the driver for the selected d | evice. | |

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In device manager, right click the USB Serial Device (COMx), and left click Uninstall device.

| Uninsta | II Device | × |
|---------|---|---|
| | USB Serial Device (COM9) | |
| Waming | g: You are about to uninstall this device from your system. | |
| | Uninstall | |

Click Uninstall

The incorrect Microsoft driver will be uninstalled.

Unplug the USB cable from the HRI-200

Browse to the Wires-X PC installation folder on your PC.

| File Home Share | View Manage | | | | | | ^ |
|---|--|---|--|--|---------------------------|---|---|
| n to Quick Copy Paste access Clipboard | Cut Copy path Paste shortcut Copy to • Copy to • | Delete Rename | New folder New | Properties | Open ▼ Edit History | Select all Select none Invert selection Select | |
| ← → ~ ↑ 🚺 > Th | is PC > Downloads > wx1300en | > wx1300en | | ٽ ~ | Search w | /x1300en | p |
| A Quick access | Name | | te modified /03/2018 13:39 | Type File folder | | Size | |
| 🔜 Desktop 🔹 🖈 🚽 | Autorun RI-200 CommClass | 09, | /03/2018 13:39 /03/2018 13:39 | Setup Information Setup Information Adobe Acrobat D Adobe Acrobat D Security Catalogue | | 1 KB 4 KB | |
| Documents 🖈 | HRI-200_Manual_ENG_1712-0 | 3 09, | /03/2018 13:39 | | | 15,480 KB | |
| Amateur | ♥ HRI-200_Reference_Manual_f hri-200com | - 27 - 20 - 20 - 20 - 20 - 20 - 20 - 20 | /03/2018 13:39 /03/2018 13:39 | | | 1,197 KB 8 KB | |
| FT-1DE-XDE | 🕠 Install | | /03/2018 13:39 | Applicatio | | 1,571 KB | |
| Public Radio Backups | 觸 SetupMenu32 觸 SetupMenu64 | 09 | 09/03/2018 13:39 Application 09/03/2018 13:39 Application | | | 1,599 KB 2,179 KB | |
| ConeDrive | 🗾 WIRES-X PC Software Update 🔀 WIRES-X | | /03/2018 13:39 /03/2018 13:39 | Adobe Ac Icon | robat D | 59 KB 28 KB | |
| 💻 This PC 🗸 🗸 | | | | | | | |

Double click on Install

| 🚜 WIRES-X installer for 64bit | × |
|-------------------------------|------------------------------------|
| | HRI-200 Device Driver Setup |
| | Driver version - 1.004 |
| | WIRES-X Software Setup |
| | Software version - 1.300 (English) |
| Refer to f | folder |

Click on HRI-200 Device Driver Setup

| nu64 | × |
|-----------------------|---------|
| Connect HRI-200 to US | B Port. |
| 1 | OK |
| | |

When prompted plug in USB cable between the HRI-200 and $\ensuremath{\mathsf{PC}}$

Click OK

Launch Device Manager to check correct installation.

| 🛃 Device Manager | 705 | X |
|---------------------------------------|-----|---|
| <u>File Action View H</u> elp | | |
| | | |
| V 🗄 Wires-X | | ^ |
| > 👖 Audio inputs and outputs | | |
| > 💻 Computer | | |
| > 👝 Disk drives | | |
| > 🔙 Display adapters | | |
| > 🔐 DVD/CD-ROM drives | | |
| > 🛺 Human Interface Devices | | |
| > 📷 IDE ATA/ATAPI controllers | | |
| > 🏺 IEEE 1394 host controllers | | |
| > 🚠 Imaging devices | | |
| > 🥅 Keyboards | | |
| > 📗 Mice and other pointing devices | | |
| > 🦲 Monitors | | |
| > 🔁 Network adapters | | |
| > Portable Devices | | |
| ✓ | | |
| HRI-200 Communication device A (COM9) | | |
| > 🛱 Print queues | | |
| > 🛱 Printers | | |
| > Processors | | |
| > Software devices | | |
| > 🐐 Sound, video and game controllers | | |
| > 🍰 Storage controllers | | |
| > 🔚 System devices | | |
| > 🏺 Universal Serial Bus controllers | | |
| 🔨 📹 WSD Print Provider | | ~ |
| | | |

Notice the device is now called HRI-200 Communication device A

| HRI-200 (| Communicatio | on devic | e A (CO | M9) Prop | erties | × |
|--------------|----------------|-------------------|----------------------------|--------------|-----------------------------------|------------|
| General | Port Settings | Driver | Details | Events | | |
| | HRI-200 Com | municati | on device | A (COMS | 9) | |
| | Driver Provide | 1882 - <u>(</u> . | AESU MU 2/08/201 | ISEN CO. | . LTD. | |
| | Driver Version | - | 0.0.4 | / | | |
| | Digital Signer | : Y | AESU MU | ISEN CO. | , LTD. | |
| Drį | ver Details | View | details al | oout the in | istalled driver | files. |
| Up | date Driver | Upda | ate the <mark>d</mark> ri | ver for this | s device. | |
| Roll | Back Driver | | | | pdating the dr stalled driver. | |
| <u>D</u> isa | ble Device | Disa | ble the de | vice. | | |
| <u>U</u> nin | stall Device | Unin | st <mark>all t</mark> he d | evice fron | n <mark>the system (</mark> | Advanced). |
| | | | | | ОК | Cancel |

Notice the Driver Provider is now YAESU MUSEN CO., LTD.

The current latest version as of 16/3/2018 is 1.0.0.4 and is shipped with Wires-X V1.2.2.0 and V1.3.0.0

If the wires-x software as not been installed click on the Wires-X Software Setup button and follow the on screen prompts.

| 🚜 WIRES-X installer f | or 64bit | | × |
|-----------------------|-----------------|------------------------------------|---|
| | | | |
| | HRI-200 De | evice Driver Setup | |
| | | Driver version - 1.004 | |
| | WIRES-X | Software Setup | |
| | | Software version - 1.300 (English) | |
| | Refer to folder | Close | |
| | | | |

After the correct driver has been installed launch the Wires-X software

| K WIRES-X | Conn | ect(C) Too | DI(T) H | lelp(H) | | | | | | | – D Х |
|-----------------------|-------|-----------------|---------|--------------|-------|----------------|-------------|-------|---|--------|---|
| G.User ID | +DT | Act C | all/Rm | . City | State | e Cou | . Freq(MHz) | SQL | Lat | Lon | IDLE DIGITAL ON-AIR LOCAL HRI-200 RADIO 1 |
| ٢ | | | | | | | | | | > | 2018/03/16 14:57:45 Transceiver Mode:Digital/Digital 2018/03/16 14:57:46 Number of sound devices = 4 2018/03/16 14:57:46 Set Voice Mixer Device : Input=3 Output=0 2018/03/16 14:57:46 Mixer input device=Microphone (2- HRI-200 A(CH1) USB Audio codec 2018/03/16 14:57:46 Mixer output device=Speakers (2- HRI-200 A(CH1) USB Audio codec) |
| +A.User ID | DTM. | . CallSign | City | / | S | tate | Country | - | Freq(MHz) | SC A | 2018/03/16 14:57:46 HRI-200 Audio device detected. |
| AA4JS-ND | 11521 | AA4JS | For | t Myers | F | lorida | USA | | 444.675M | . DC | |
| AA7GS-ND | 11184 | AA7GS | | at Falls | | Iontana | USA | | 147.240M | | |
| AA9RA-ND | 11155 | AA9RA | | cago | | linois | USA | | 145.760M | . D(| |
| AB2HM-PAT | 11011 | AB2HM | | odbury He | | lew Jersey | USA | | 100000000000000000000000000000000000000 | 14.00 | |
| AB3LI-DV | 11254 | | | ladelphia | | ennsylvania | USA | | 147.570M | | |
| AJ4G-ND | 11342 | | | idlesboro | | entucky | USA | | 446.500M. | | |
| AK3J-STEW | 11393 | AK3J | | dens | | ennsylvania | USA | | 443.725M. | | |
| AMERICALNK FCS/YSF | 11565 | N5YX KB9TZQ | | umont | | exas linois | USA USA | | 145.450M. | | × |
| | 11202 | KB912Q K9WRA | | nsey moke | | linois | USA | | 439.000M 444.750M | | |
| A IL-K9WRA/R | 11179 | K9WRA | | noke | | linois | USA | | 147.255M. | | |
| KOSTP-ND | 11344 | | | donsville | | îrginia | USA | | 443.800M. | | |
| K3UCB-ND | 11086 | | Oln | | | laryland | USA | | 146.580M | | |
| K4EX-RPT | 11425 | K4EX/R | | le City | | lorida | USA | | 146.880M | | |
| A K5CCG-ND | 11414 | K5CCG | Abi | lene | Т | exas | USA | | 444.425M | | |
| K7DRA-DAVE | 11322 | K7DRA | Roc | k Springs | V | Vyoming | USA | | 448,025M | | |
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| Ready | | | | | | | | | | | Ver-1.300 ONLINE |

The HRI-200 and transceiver are now detected correctly and the Wires-X system should now work