Meet the Next Generation of WIRES
The Leader in VoIP Communication for Amateur Radio

WIRES-II, the Amateur Radio internet communications network takes another leap forward with WIRES-X and support for the new C4FM Digital radio communications mode. Enjoy many new and exciting features, including superior audio quality, intuitive user IDs, and advanced operating convenience, thanks to digital technology. Have fun and do more, with greater ease! WIRES-X is the network linking system Amateur Radio Operators have been waiting for.

WIRES-X automatically connects to nodes and rooms via the Internet. No more need to verify connection IDs or transmit cumbersome DTMF connection codes. Information about nodes and rooms is exchanged via C4FM Digital signaling. Thanks to automatic reconnection to the previous contact, all you need to do is press PTT and start talking. Easily search for new nodes and rooms, and initiate communication promptly when you find an ID that captures your interest.

News Station
News bulletins (messages, images, voice memos) can be freely uploaded to nodes and rooms. Other users can download the saved news information. For example, sharing traffic information or other local news, or sending a snapshot of a meeting place to fellow operators, as well as a myriad of other uses are possible. It does not matter whether someone is nearby or in a country far away. WIRES-X offers a way to overcome barriers of distance, time, or even language. Welcome to a world of previously unheard-of possibilities for connecting and communicating by way of Amateur Radio and the internet.

Preset Search
Search and connect to local node stations with a simple button touch. The system will automatically obtain node station information and setup the required frequency and digital code parameters. Wherever there is a WIRES-X local node station that is reachable by Amateur radio, complicated connection operation steps are no longer necessary. Node station ID, city name, as well as distance and bearing are indicated on the display of the transceiver, and can be checked at a glance. *
Now you can communicate worldwide with ease and confidence. (* Only if published by the node station)
Digital/Analog mutual communication

WIRES-X of course also supports traditional analog FM users. Not only can analog FM stations have a QSO with each other, WIRES-X also permits C4FM Digital stations to communicate with analog FM stations. WIRES-X is an FM friendly digital solution, because Amateur Radio should always allow operators to communicate freely all over the globe.

Easy Setup

Establishing the connection between the HRI-200 and a computer is quick and simple, requiring only a single USB cable. Support for USB bus power means that an additional external power supply is not needed. Opening ports in the router also can be done with a simple setting in the WIRES-X software, using the UPnP function. (May not be supported by some routers.) Working your way through complicated router settings is a thing of the past.

Other notable features

Equipped with advanced touch panel operation and full-color TFT large-scale display

C4FM/FM 144/430 MHz DUAL BAND 50W DIGITAL TRANSCEIVER

**FTM-400DR** American and Asian versions

**FTM-400DE** European version

(DTMF Microphone MH-48A6JA, Mounting Bracket, Bracket for Controller, Control Cable 10 ft (3m), PC connection Cable SCU-20, Stereo Monaural Plug and DC Power Cable included)

C4FM Digital / FM

Exciting Amateur Digital Transceiver

C4FM/FM 144/430 MHz DUAL BAND 50W DIGITAL TRANSCEIVER

**FT1DE** Heavy Duty Package

American and Asian versions

American and Asian versions

* Silver : USA version only

**FT1DR** Heavy Duty Package

European version


european version

(7.4V 1800 mAh Lithium Ion Battery FNB-102LI, Battery charger PA-48 / SAD-11B(USA version), and PC connection Cable included)

Convenient and easy-to-use digital function, advanced VoIP wireless WIRES-X

WIREX

AMATEUR RADIO INTERNET LINKING KIT

HRI-200

Supplied Accessories : USB Cable, Data Cable CT-174 (MDIN10 pin to MDIN10 pin) Data Cable CT-175 (MDIN10 pin to MDIN9 pin)

Specifcitons

Supply Voltage : USB Bus Powered, DC +5.0 V ± 5 %, Negative Ground

Current Consumption : 130 mA ± 30 mA TYP

Operating Temperature : 32 °F to 122°F (0 °C to + 50 °C)

Case Size (WxHxD) : 4.4" x 1.0" x 5.2" (w/o knob & connector)

Weight (Approx.) : 11.9 oz (340 g)

Connectors

Mini DIN 10pin (RADIO 1, RADIO 2) : PTT OUT,SQL IN DC +3.3 V Negative Ground Audio Input 100 mVrms Ø10 kohm (RADIO 1) Audio Output 100 mVrms Ø600 ohm (RADIO 1)

Serial I/O RS-232C

3.5mm Audio OUT (MONITOR) : 100 mVrms Ø600 ohm

USB B Type : USB 2.0 (Full-speed)


About this brochure: We have made this brochure as comprehensive and factual as possible. We reserve the right, however, to make changes at any time in equipment, optional accessories, specifications, model numbers, and availability. Precise frequency range may be different in some countries. Some accessories shown herein may not be available in some countries. Some information may have been updated since the time of printing; please check with your Authorized Yaesu Dealer for complete details.

2014.0705(UE/IXP) B9200670A Printed in Japan