Using the WIRES-X Function

WIRES-X feature

WIRES (Wide-coverage Internet Repeater Enhancement System) is an Internet communication system which expands the range of amateur radio communication.

You may employ Internet communications by connecting from your transceiver to a WIRES-X local node station.

> ℹ️ FT-70DR/DE does not accommodate the transmission/reception of messages, images, audio messages, or location information.

Connecting to a WIRES-X node in the C4FM mode (*Recommended)

> ℹ️ ● Ascertain the DSQ code or the DG-ID setting of the WIRES-X node station. Connecting to the WIRES-X node requires the transceiver DG-ID be set according to the DSQ code or the DG-ID code set on the WIRES-X node station.
> ● Confirm that the operating mode of WIRES-X node has been set to the C4FM digital mode.

1. Set the transmit/receive DG-ID to the same ID number as the local node station.

   For more details on the DG-ID number, see "Communicating with the DG-ID feature" on page 19.

2. Transmit on the corresponding transmit/receive frequency.
   - If the signal is received from the node, continue to transmit using the DG-ID setting as is.

   - <u>If the signal is not received from the node.</u> ➡ proceed to "**Connecting to the oth-er node ID or other room ID**"

Connecting to the other node ID or the other room ID

1. Press and hold the [**F**] key to enter the Setup Menu.
2. Rotate the **DIAL** knob to select "**63 W-DGID**", then press the [**F**] key.
3. Rotate the **DIAL** knob to set the WIRES-X DG-ID to the same ID number as the local node station.

Display	Description
DGID01 - 99	Only nodes matching the set DG-ID number may be connected.
AUTO (Default setting)	Only open nodes, set to the DG-ID number "00" may be connected.

4. Press the **PTT** switch, or press and hold [**F**] key to the save the new setting and return to normal operation.
5. Press the [**F**] key, and then [**AMS**] key.

   "**WIRES**" blinks.