

W7PP KIWI REMOTE

One-Page Operating Manual

Receive and decode FT8 through a remote KiwiSDR, then send the decodes to any installed WSJT-X application - original WSJT-X or a compatible fork - for normal clicking, transmitting, sequencing, and logging.

BEFORE STARTING

- **WSJT-X is required.** It may be the original WSJT-X or any compatible fork that includes the jt9.exe decoder.
- **For the best decoder performance, use the latest available edition of WSJT-X.** It normally includes the newest decoder improvements.
- **Automatic decoder location.** W7PP Kiwi Remote searches the computer for a usable jt9.exe and reports if none is found.
- **No Flex or other local receiver is required** for Kiwi reception and decoding.
- **Open your chosen WSJT-X application and W7PP Kiwi Remote.** The local bridge uses 127.0.0.1:27777.

NORMAL OPERATION

1. **Open receiver settings.** Choose Settings > Kiwi Receiver.
2. **Choose a receiver.** Select one from Good receivers, or enter a KiwiSDR host and port. The standard proxy port is normally 8073.
3. **Choose the frequency.** Select an FT8 band preset or type any frequency in MHz.
4. **Start decoding.** Click Apply and Decode. The app stops any prior connection, tunes the Kiwi, verifies real SND audio, and begins continuous FT8 decoding.
5. **Confirm operation.** The title shows Connected only after real Kiwi audio arrives. Decodes appear in the grid; Message (N) shows the number decoded in the newest FT8 period.
6. **Work stations normally.** Kiwi decodes are delivered to your running WSJT-X application. Click them there; WSJT-X controls messages, transmit timing, AutoSeq, the radio, and logging.

WHAT THE DISPLAY MEANS

- **Time** - six-digit UTC decode time.
- **SNR** - received signal strength in dB.
- **DT** - timing offset in seconds.
- **DF** - audio-frequency offset in Hz.
- **Message (N)** - decoded FT8 text and the newest-period decode count.

GOOD RECEIVERS

- A receiver is added only after it produces at least one real FT8 decode.
- The most recently successful receiver, port, and frequency are restored automatically at the next program start.
- A receiver that connects but produces no FT8 decodes is not saved as good.

USEFUL SETTINGS

- **Settings > Decoder** - confirms the located jt9.exe path.
- **Settings > WSJT Bridge** - bridge controls and status.
- **Settings > View** - status log, station display, and bridge status.

TROUBLESHOOTING

- **WSJT-X Decoder Not Found:** install original WSJT-X or a compatible fork containing jt9.exe, then restart W7PP Kiwi Remote.
- **Connected but no decodes:** try another active FT8 band or another Kiwi receiver. Antenna quality and band conditions matter.
- **No decodes in WSJT-X:** make sure your chosen WSJT-X application is running and the bridge shows a connected client.
- **Wrong receiver after restart:** first obtain at least one FT8 decode from the desired receiver; it then becomes the latest good receiver.

IMPORTANT

W7PP Kiwi Remote is a receive/decode source. It does not own the QSO and does not transmit or write the normal WSJT-X log.