

Signalink Setup For Winlink w/ Icom ID-5100

Colby Green, KG4LNA

Signalink Box Model #: ZTT-SLUSB RJ4

Setup Guide

- https://winlink.org/sites/default/files/RMSE_FORMS/vara_fm_for_winlink_with_signalink_on_windows_v4_0.pdf

Radio Connections:

- Signalink SPKR > Radio SP1 (Center Speaker Jack)
- Signalink RADIO > Radio microphone jack (RJ45 port)
- Signalink USB Cable - Computer USB Port (Windows)
- Squelch fully open

Signalink Settings:

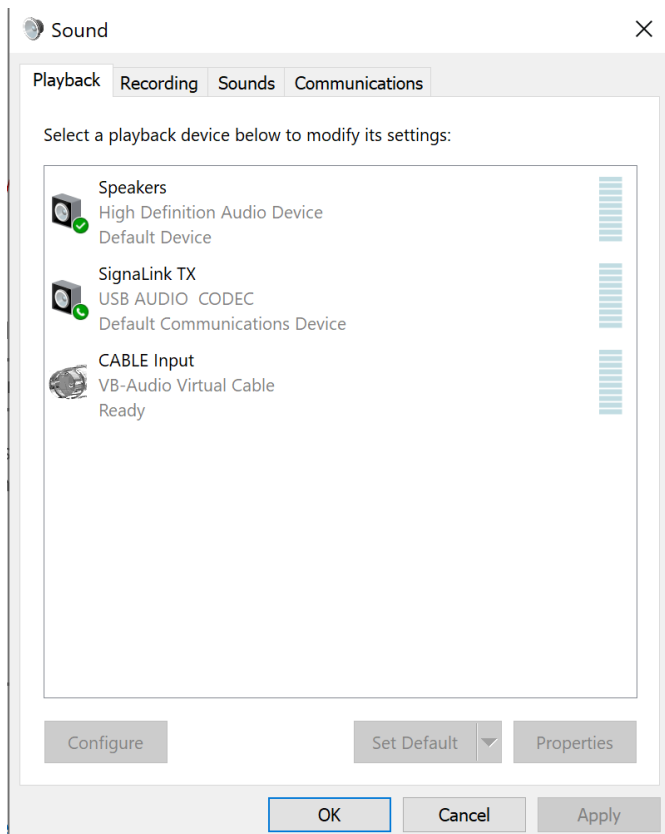
- TX - 9 PM Position (3rd Notch)
- RX - 9 PM Position (3rd Notch)
- DLY - 7:30 PM Position (Halfway between 1st and 2nd notches)

Windows Settings

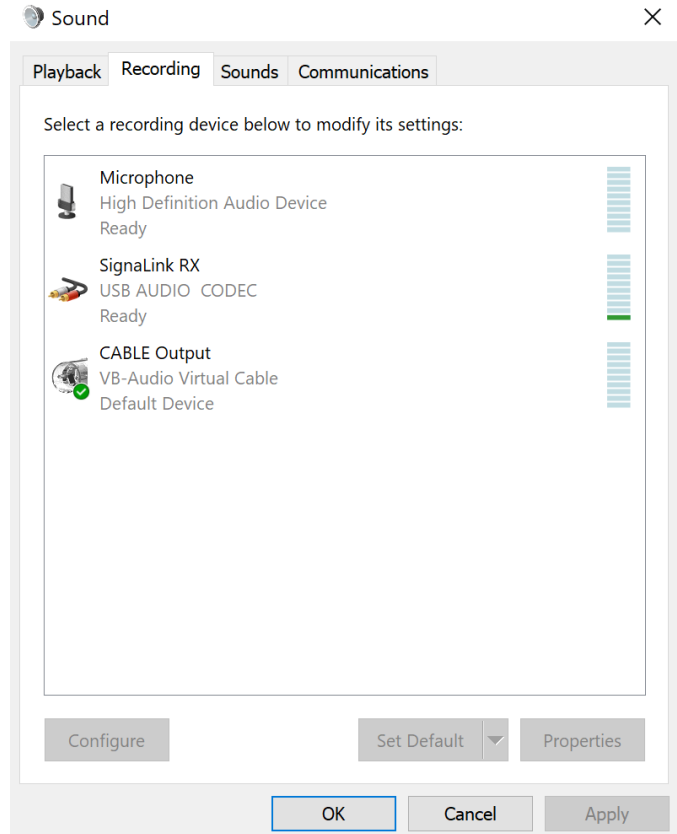
- Active Playback Device
 - o Speaker Icon > Speakers (High Definition Audio Device)

Sound Control Panel

Sound > Playback



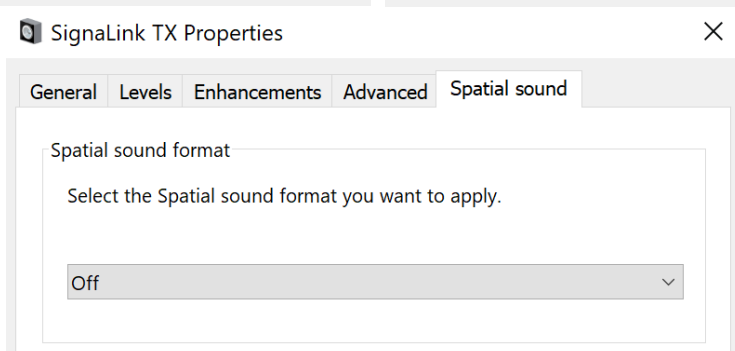
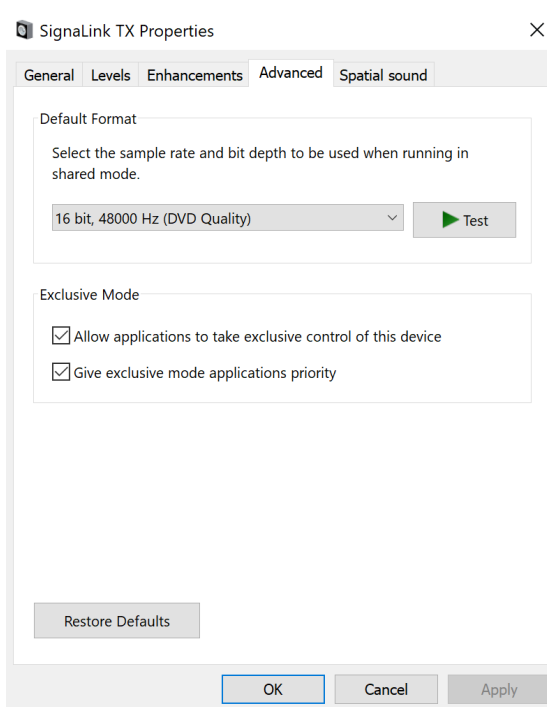
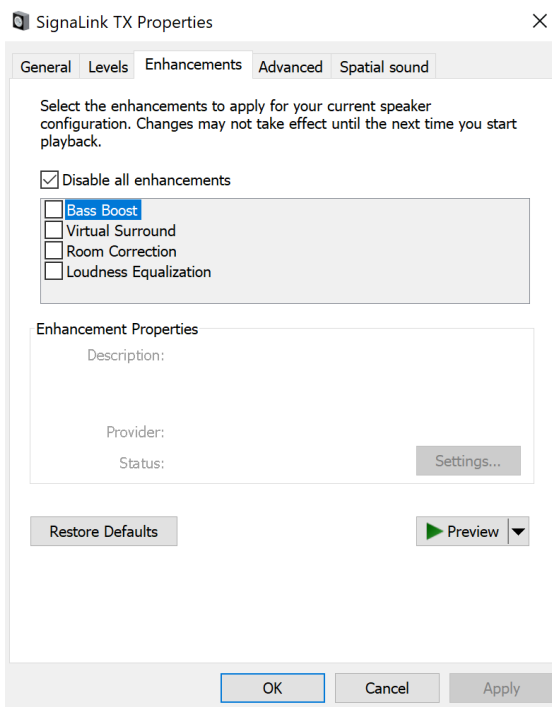
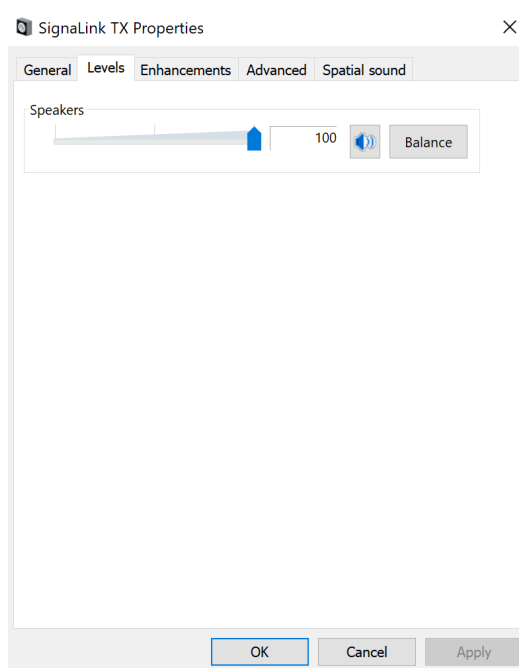
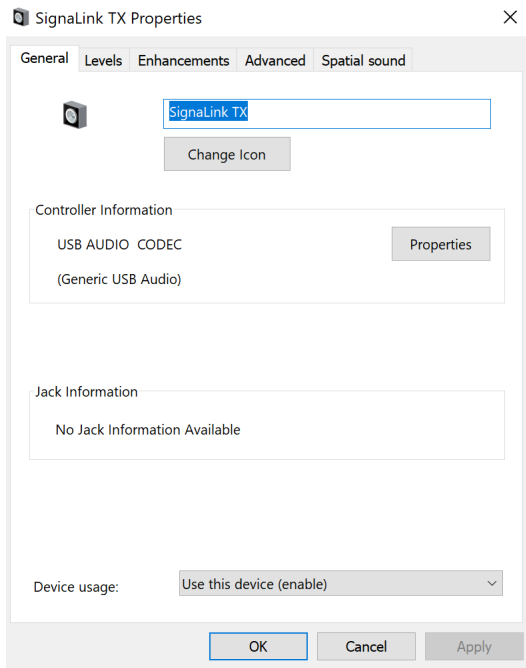
Sound > Recording



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SignalLink TX Properties



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SignalLink RX Properties

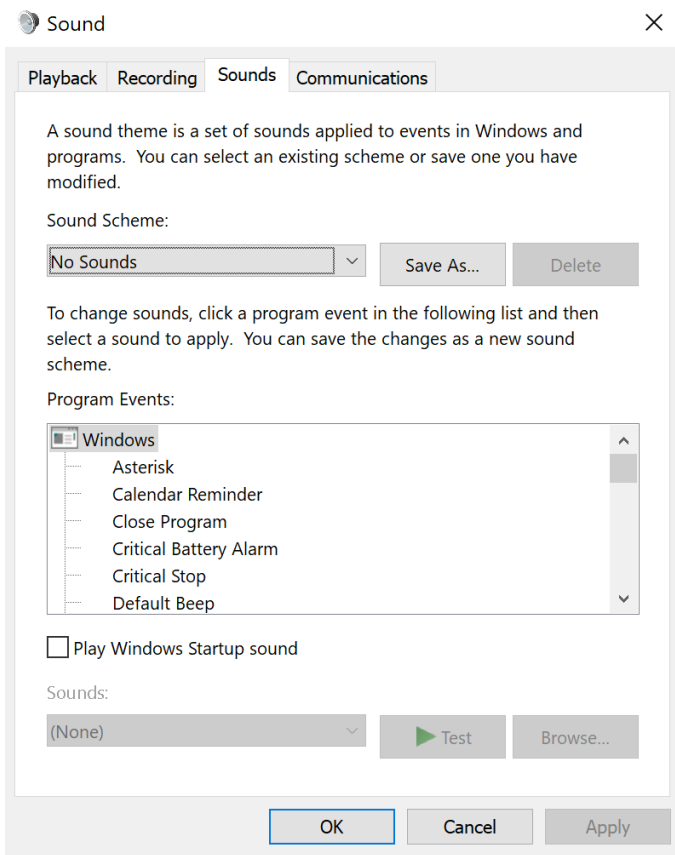
The image displays four screenshots of the SignalLink RX Properties dialog box, arranged in a 2x2 grid. Each window has a title bar with the text "SignalLink RX Properties" and a close button (X).

- Top-Left Screenshot (Levels Tab):** Shows the "Levels" tab. It features a "Line" volume slider set to 100, a speaker icon, and a "Balance" button.
- Top-Right Screenshot (General Tab):** Shows the "General" tab. It includes a text field containing "SignalLink RX" with a "Change Icon" button below it. The "Controller Information" section shows "USB AUDIO CODEC (Generic USB Audio)" with a "Properties" button. The "Jack Information" section displays "No Jack Information Available". The "Device usage:" dropdown is set to "Use this device (enable)".
- Bottom-Left Screenshot (Listen Tab):** Shows the "Listen" tab. It contains the text: "You can listen to a portable music player or other device through this SignalLink RX jack." Below this is an icon of a portable music player connected to a speaker. There is an unchecked checkbox for "Listen to this device", a "Playback through this device:" dropdown menu set to "Default Playback Device", and a "Power Management" section with two radio buttons: "Continue running when on battery power" (selected) and "Disable automatically to save power".
- Bottom-Right Screenshot (Advanced Tab):** Shows the "Advanced" tab. It features a "Default Format" section with a dropdown menu set to "2 channel, 16 bit, 44100 Hz (CD Quality)". The "Exclusive Mode" section has two checked checkboxes: "Allow applications to take exclusive control of this device" and "Give exclusive mode applications priority". A "Restore Defaults" button is located at the bottom.

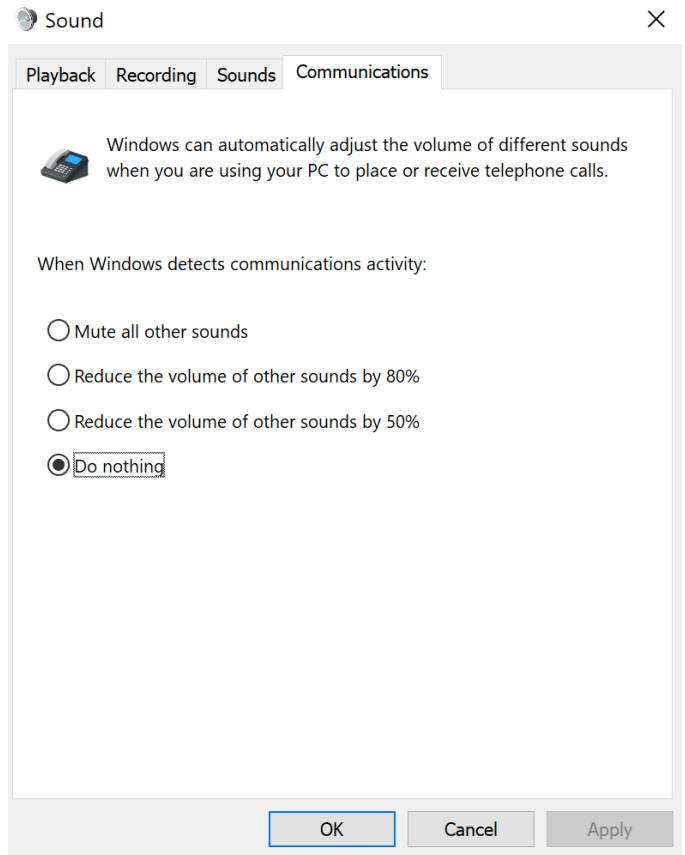
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Sound > Sounds

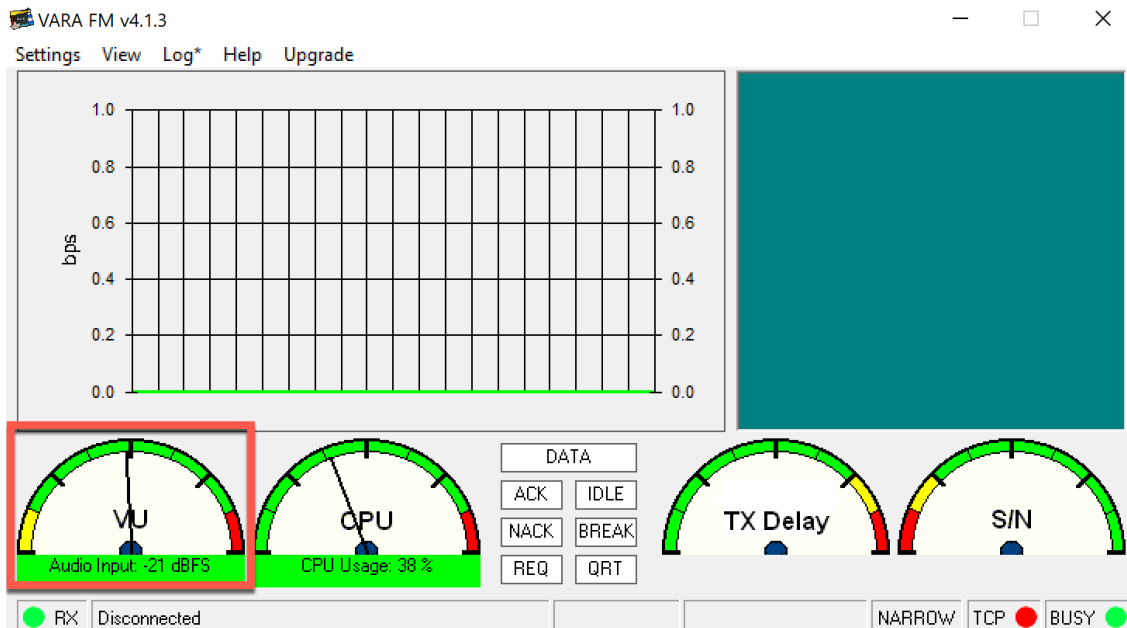


Sound > Communications



VARA FM > VU Meter

Adjust SignalLink RX dial until the VU meter needle is at the center or just left of it.

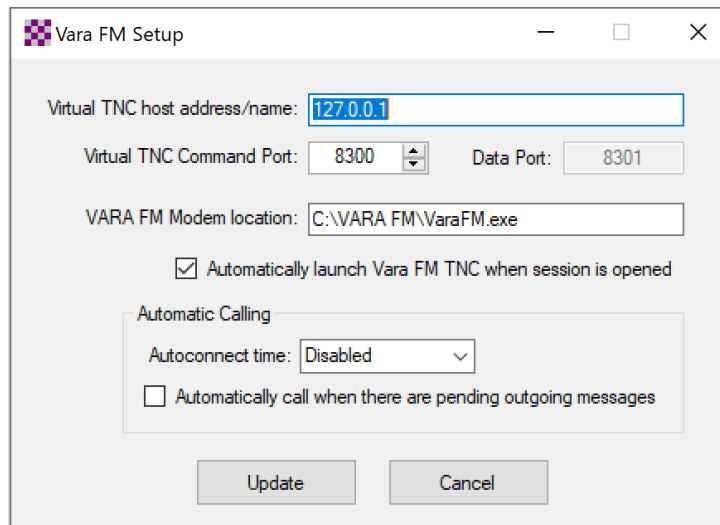


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Winlink for VARA FM

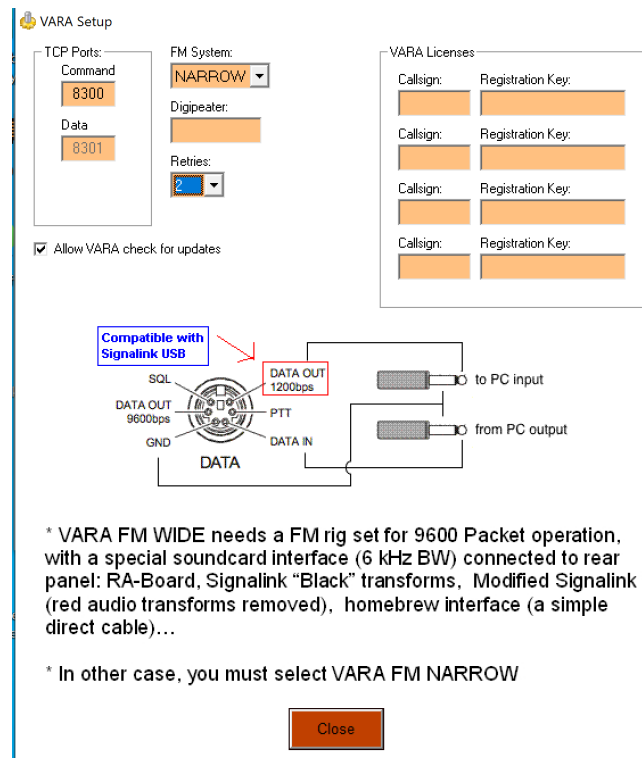
Open Winlink Express
Select 'VARA FM Winlink'
Open Session

Settings > VARA TNC Setup



VARA FM Setup

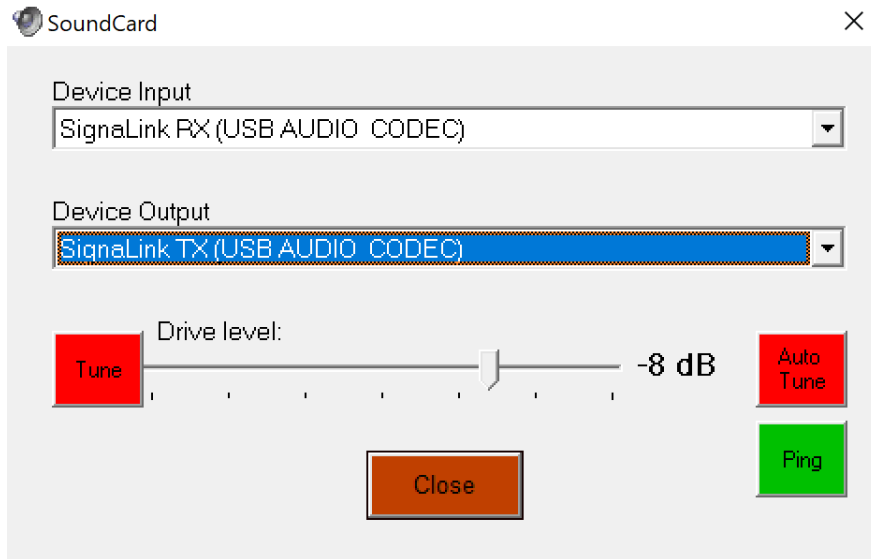
Settings > VARA Setup



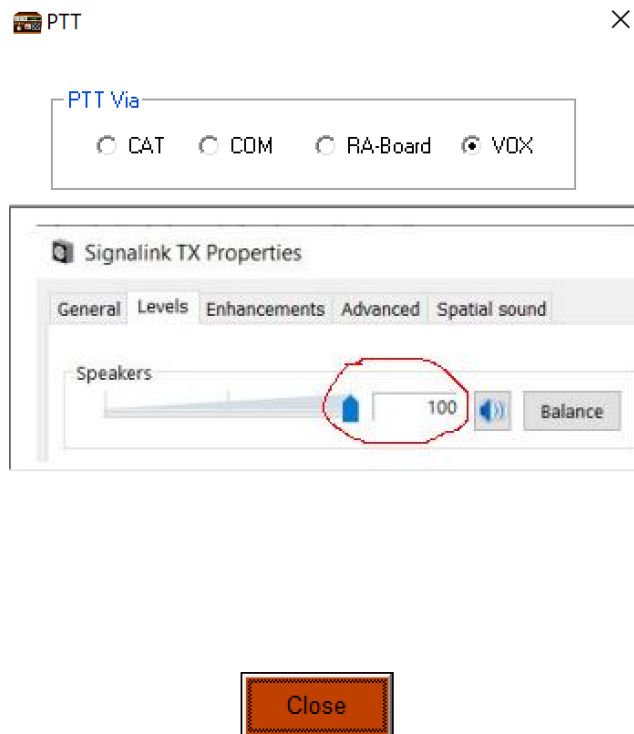
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Settings > Soundcard

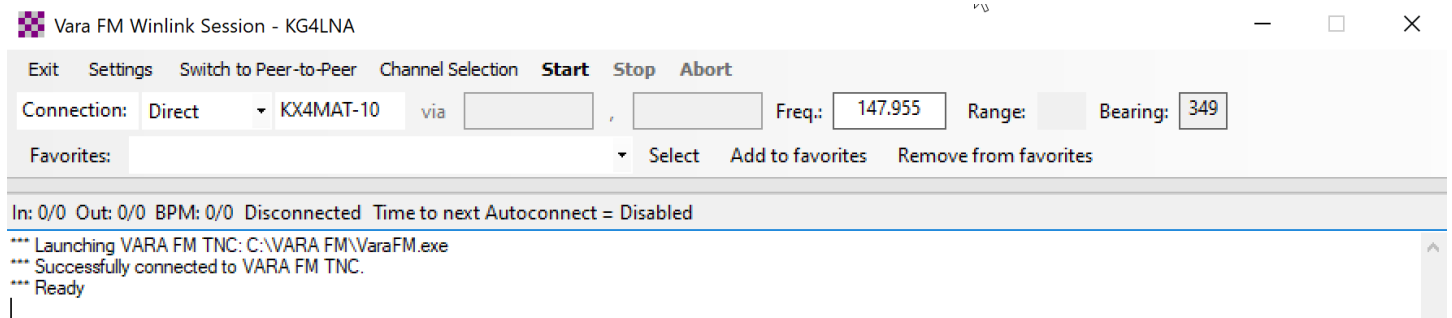


Settings > PTT



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Winlink > Open Session



The screenshot shows the 'Vara FM Winlink Session - KG4LNA' window. The title bar includes standard window controls. The menu bar contains 'Exit', 'Settings', 'Switch to Peer-to-Peer', 'Channel Selection', 'Start', 'Stop', and 'Abort'. The main interface displays connection parameters: 'Connection: Direct' (with a dropdown arrow), 'KX4MAT-10' in a text box, 'via' followed by two empty text boxes, a comma, another empty text box, 'Freq.: 147.955' in a text box, 'Range:' followed by an empty text box, and 'Bearing: 349' in a text box. Below this is a 'Favorites:' section with a dropdown arrow and three buttons: 'Select', 'Add to favorites', and 'Remove from favorites'. A status bar at the bottom of the window shows 'In: 0/0 Out: 0/0 BPM: 0/0 Disconnected Time to next Autoconnect = Disabled'. A log window at the bottom contains the following text: '*** Launching VARA FM TNC: C:\VARA FM\VaraFM.exe', '*** Successfully connected to VARA FM TNC.', and '*** Ready'.

Tune Radio to 147.955 (MAIN Band)