

## UZ7HO SoundModem Installation

This procedure applies to use of the Signalink USB for VHF Packet. It assumes that the Signalink USB has been set up correctly that the user is registered with the Winlink System, and that Winlink Express (RMS Express) is installed and configured for the user.

Go to <http://uz7.ho.ua/packetradio.htm> and download the file soundmodem##.zip.

The ## refers to the current version number.

There are some other files you can download, but that one is the only one you need to run the program.

Unzip the file and **copy** the soundmodem.exe to a convenient folder. There is no installation required.

Run the .exe file from the location you copied it to. Ignore any Anti-Virus program messages.

On the SoundModem screen, click Settings/Devices.

Select USB Audio CODEC for both Output and Input devices.

Check - TX rotation

Check - Single channel output

Check - Color waterfall. This can use a lot of computer resources, so you may not want to check this. It will depend upon your computer's CPU.

Check - Stop waterfall on minimize.

Check - Enabled for KISS Server Port. Do not check AGWPE Server Port. PTT Port should be NONE. Make sure neither box is checked.

Click OK

Click – Settings/Modems

Check – Default settings

Check – KISS Optimization

Check – non-AX25 filter

Under Modem type ch: A

Set Mode to VHF AX25 1200 bd.

Click OK

Leave the SoundModem running, and start RMS Express. SoundModem can be minimized if you don't care about seeing the waterfall.

Set to Packet Winlink

Click – Open Session:

Click – Setup

Set Packet TNC Type: to KISS

Set Packet TNC Model: to ACKMODE

Set Serial Port: to TCP

Under TNC Parameters, select 1200 Baud.

Check – Enable IPoll (Bottom of screen)

Shut down all programs and reboot.

At this point the installation is complete.

The normal sequence of operation will be:

Plug in the Signalink USB and turn it on.

Start the SoundModem program and leave it running (must be started before Winlink Express).

Start Winlink Express (aka RMS Express) and use it like you normally would.

If you are using a HF/VHF radio you can switch back and forth between VHF Packet and HF Winmor without any changes, and use your Signalink for both.