Installing and configuring UZ7HO's soundmodem and EasyTerm programs for packet radio

You'd need:
Windows Computer with soundcard interface (Signalink USB or equiv.)
UZ7HO's soundmodem software
UZ7HO's EasyTerm software
A VHF radio with outside antenna
The software runs on Windows 10 or earlier. Don't know if it will run under Wine on linux or not.
The programs can be downloaded from http://uz7.ho.ua/packetradio.htm, suggest opening in a separate tab.
You want the soundmodem97.zip and easyterm39.zip files in this example.

Below a list of files that you can download.

Soundmodem, High-Speed Soundmodem, manuals and utility for soundcard correction:

CHANGELOG.txt	18-Dec-16 16:38	7.97K
hs_soundmodem15.zip	25-Sep-16 03:51	452.21K
soundmodem97.zip	14-Dec-16 15:51	458.41K
user_guide_v045b_EN.pdf	11-Oct-13 19:13	1003.34K
user_guide_v045b_FR.pdf	11-Oct-13 19:13	333.12K
utils.zip	28-Feb-15 04:59	68.21K

Applications that supports Soundmodem or AGW PE:

checkers6.zip	18-Aug-16 22:01	342.94K
chess10.zip	18-Aug-16 22:02	355.82K
easyterm39.zip	22-Feb-17 12:26	398.67K

This procedure applies to use of the SignaLink USB for VHF Packet.It assumes that the SignaLink USB has been set up correctly as shown in the SignaLink operation and instruction manual. Particularly with respect to the Windows system sound settings.Also, go to the Tigertronics website at http://www.tigertronics.com/and look under SignaLink Support for specific instructions for various versions of Windows.

I'd suggest creating a directory C:\UZ7HO and placing the contents of both .zip files there. No windows install is needed; likewise if you later decide the software is of no use to you, simply delete the UZ7HO folder and the software is gone. Open the zip files and extract the contents to the C:\UZ7HO folder.

The first time you run both programs, you'll need to configure them. If you extracted them to C:\UZ7HO, simply open that folder with Windows Explorer and double click on soundmodem.exe and Term.exe to start them.

If confrounted with a Security Warning that the publisher could not be verified, click "Run"

You may get a Security Alert that Windows Firewall has blocked some features. Uncheck "Public" and check "Private" networks. Click "Allow access"

Soundmodem:

Click "Settings" then "Devices", make sure the correct "Output and Input devices" are selected (USB Audio CODEC for Signalink), and that "Single channel output" and "AGWPE Server Port 8000" is checked and the correct value. "KISS Server Port" doesn't matter unless you'll be using a separate program that "talks KISS such as Winlink Express".
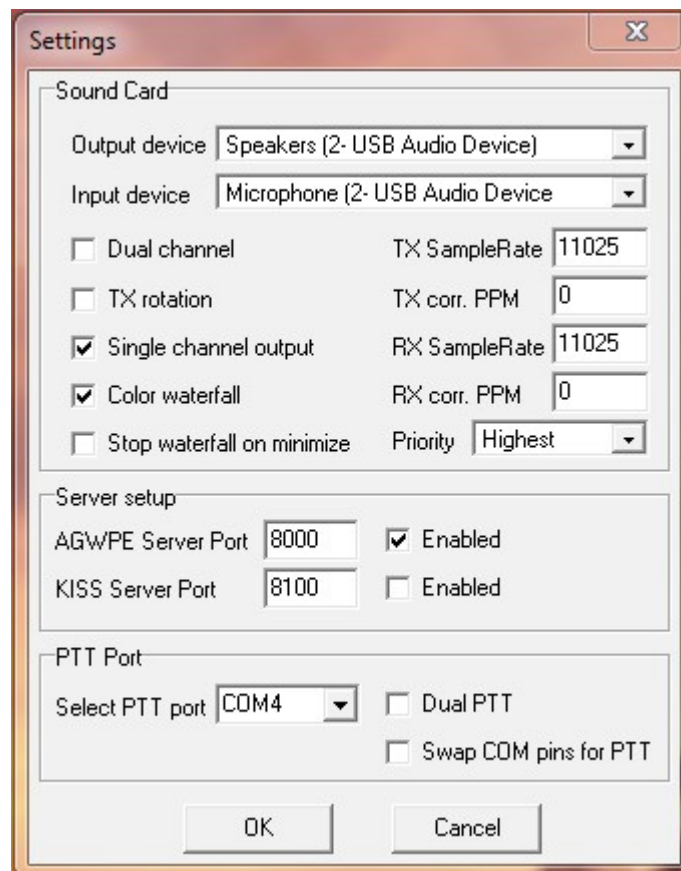Checking "Color waterfall", makes it easer to set audio input level.
Checking "Stop waterfall on minimize" will lower CPU usage.
"Select PTT Port" should be NONE, with no boxes checked for Signalink USB or equiv, otherwise enter the comm port of your serial connection.
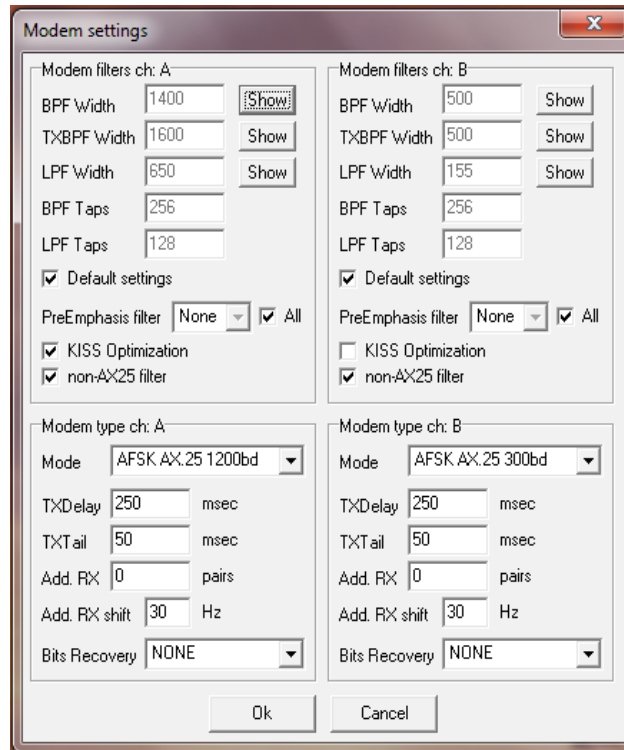
Uncheck "Dual PTT"

Then click "OK"

(I use a Sound Card Interface, thus COM4)

Click "Settings" then "Modem", Check "Default settings". Check "KISS Optimization" and "non-AX25 filter".

Then click "OK"

For general packet operation, use "AFSK AX.25 1200bd", the top choice.

You will need to close and then restart Soundmodem for the changes to be in effect.
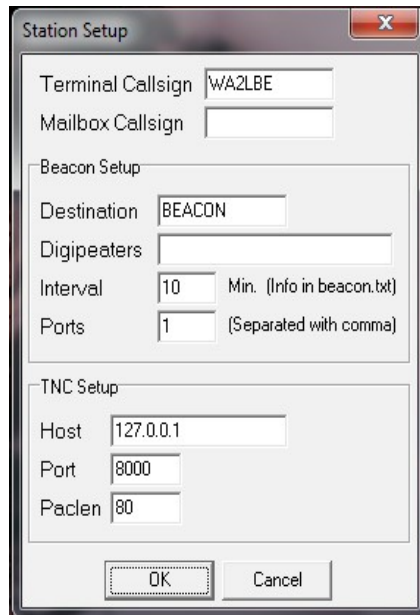
EasyTerm:

Start EasyTerm by double clicking Term.exe in the C:\UZ7HO folder.
Then click on "Settings" and then "Station Setup".

Enter your callsign, TNC Setup should already have "Host" 127.0.0.1; make sure "Port" is 8000.
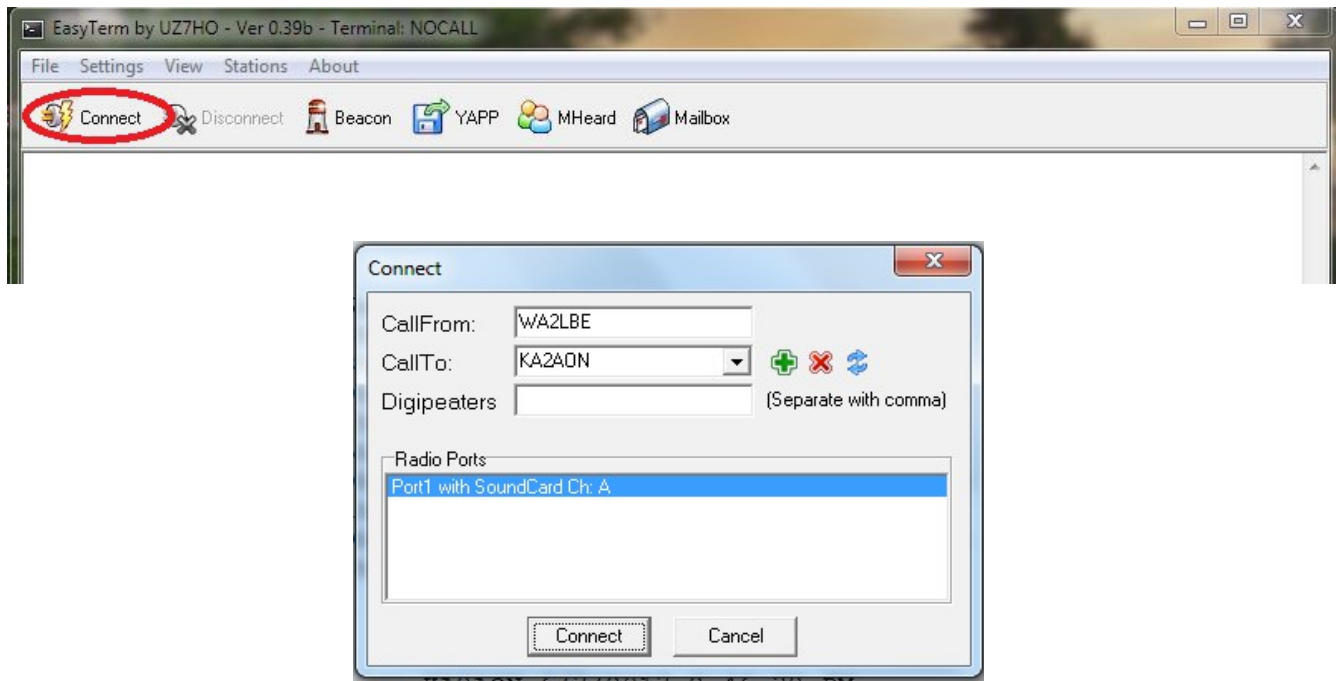
We're not using beacons at this point so ignore that part.

Then click "OK".

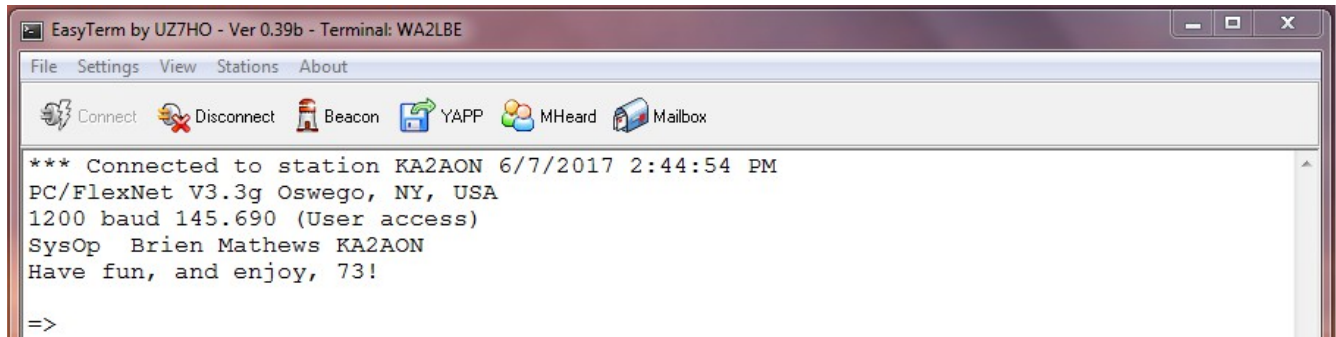You will need to close and then restart EasyTerm for the changes to be in effect.

At this point, both new programs should be running. Make sure your soundcard is connected to your radio, it's on and set to 145.690 (KA2AON) for 1200 baud packet, simplex and you're ready to go.

You'll use EasyTerm to make a connection by clicking "Connect" and then putting KA2AON in the "CallTo:" box, with your soundcard listed in the Radio Ports box.

Click on "Connect"

You should then see a sign-on from the BBS like this:

While using EasyTerm, you can minimize Soundmodem.

Note that all commands sent from this point forward are followed by the pressing Enter Key on your keyboard. These are text mode programs and seldom support mouse clicks. If you don't press enter, nothing will happen until the connection eventually times out from lack of activity. A very boring wait...

Of course, it will have your call rather than mine and since it's your first connect.
Type H for help and you'll see available commands. at this point you can experiment with the commands.

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This has been edited from its original version.
It has been modified for quick set-up by editing for content.

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