

# Einstellungen Packet Radio Winlink

Soundmodem UZ7HO <http://uz7.ho.ua/packetradio.htm> (soundmodem114.zip)

Winlink Express: <https://www.winlink.org>

DigiRig Soundinterface: <https://digirig.net/>

Amazon-Links am Ende des Dokuments!

Einstellungen Soundmodem:

Settings → Devices

Settings

Sound Card

Output device: Lautsprecher (USB Audio Device)

Input device: Mikrofon (USB Audio Device)

Dual channel TX SampleRate: 11025

TX rotation TX corr. PPM: 0

Single channel output RX SampleRate: 11025

Color waterfall RX corr. PPM: 0

Stop waterfall on minimize Priority: Real Time

Minimized window on startup

Server setup

AGWPE Server Port: 8000  Enabled

KISS Server Port: 8100  Enabled

PTT Port

Select PTT port: NONE  Dual PTT

Advanced PTT settings  Swap COM pins for PTT

OK Cancel

Ob Color Waterfall oder nicht, ist egal.

Wichtig: Die richtige Soundkarte auswählen für Input und Output!

## Settings → Modems

The screenshot shows the 'Modem settings' dialog box for Soundmodem V1.00. It is divided into four quadrants for Channel A and Channel B. Channel A settings include: BPF Width (1400), TXBPF Width (1600), LPF Width (650), BPF Taps (256), LPF Taps (128), PreEmphasis filter (None), KISS Optimization (checked), non-AX25 filter (checked), Mode (AFSK AX.25 1200bd), TXDelay (500 msec), TXTail (50 msec), Add. RX (0 pairs), Add. RX shift (30 Hz), Bits Recovery (NONE), and FX.25 Mode (RX-ONLY). Channel B settings are identical. The dialog has 'Ok' and 'Cancel' buttons at the bottom.

Soundmodem V1.00

The screenshot shows the 'Modem settings' dialog box for Soundmodem V1.14. It is divided into four quadrants for Channel A and Channel B. Channel A settings include: BPF Width (1400), TXBPF Width (1600), LPF Width (650), BPF Taps (256), LPF Taps (128), PreEmphasis filter (None), KISS Optimization (checked), non-AX25 filter (checked), Mode (AFSK AX.25 1200bd), TXDelay (500 msec), TXTail (50 msec), Add. RX (0 pairs), Add. RX shift (30 Hz), Bits Recovery (NONE), and FX.25 Mode (RX+TX). Channel B settings are identical. The dialog has 'Ok' and 'Cancel' buttons at the bottom.

Soundmodem V1.14

## Settings Winlink Express

**Packet Winlink/P2P Setup**

**TNC Connection**

Packet TNC Type: KISS

Packet TNC Model: NORMAL Serial Port: TCP

TCP Host/Port: 127.0.0.1 8100

Packet sound modem: C:\Users\Panasonic\Desktop\soundmodem100\soundmo Browse  
(For KISS mode)  Automatically launch packet sound modem

**TNC Parameters**

1200 Baud  9600 Baud

TX Delay (Milliseconds):	500	300
Maximum Packet Length:	128	255
Maximum Frames:	4	7
Frack:	2	2
Persistence:	160	224
Slot time:	30	20
Maximum Retries:	5	5

Disable Xmt Level Adjust  Transmit Level: 100 100

Enable IPoll:

**Automatic Calling**

Autoconnect time: Disabled

Automatically call when there are pending outgoing messages

Update Cancel

**Soundmodem-Pfad ist natürlich an euren anzupassen!**

### **Handfunkgerät:**

**TX über VOX-Aktivieren und wenn möglich VOX Delay auf 0,5Sekunden oder weniger stellen.**

**Getestete Geräte mit funktionierender VOX-Einstellung:**

Yaesu FT-5D

Yaesu FT-4X

Retevis RA89

Retevis RA685

Talkpod A36Plus

Baofeng GT-5R

Baofeng UV-5R

Baofeng UV-5R Plus

Baofeng UV-82

Radioddity GT-82

Wouxun KG-UV6D

AnyTone AT-318UV

**Geräte die NICHT tauglich sind:**

Radioddity GD-88 (VOX Delay nur 1,0 Sekunden)

TIDRADIO H8 (VOX Delay nur 1,0 Sekunden)

Quansheng UV-K5 (K-5(8), K-6, UV-5R Plus) (Zu hohes VOX Delay)

**\*DigiRig: <https://amzn.to/3tAqDDJ>**

**\*Kabelsatz-Baofeng/Retevis/Quansheng: <https://amzn.to/48Gc7ZV>**

**\*Kabelsatz-Yaesu FT5D/FT3D: <https://amzn.to/3HaG3l0>**

**\*Kabelsatz-Yaesu FT65 FT4X: <https://amzn.to/3RMp9xZ>**

**\*Kabelsatz- Xiegu G90/X5105/G106: <https://amzn.to/3H7ghy8>**

**\*Kabelsatz- Yaesu FT-8XX: <https://amzn.to/3H9sodX>**

**\*Kabelsatz-truSDX: <https://amzn.to/48nYvCC>**

**\*Kabelsatz-ICOM IC-706/7000/7100/7200: <https://amzn.to/3H9hTYd>**

**\* Affiliate-Link: Bei einem Kauf erhalte ich eine kleine Provision, ohne dass die Produkte für dich teurer werden. Danke für deine Unterstützung.**