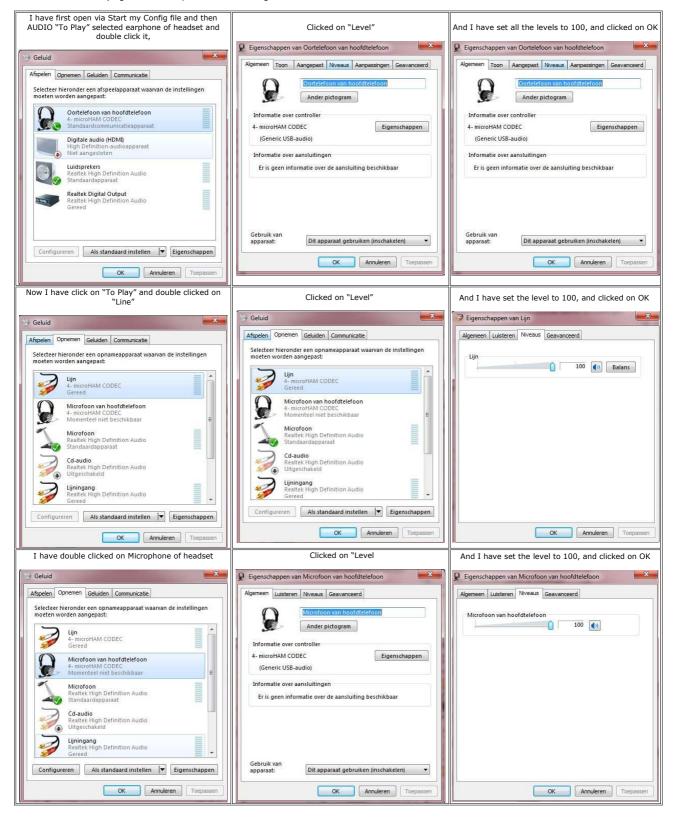
## ROS & OPERA mode with the Micro KEYER II

Last Update: 31 January 2012

It's not always easy to have the right settings for all the different of HAM software and for my IC-703 TRX. I use Windows 7 Professional 64 bits, and have try different of settings in the Audio configuration of Win7 and in the Micro KEYER II interface for use the ROS and the OPERA program of EA5HVK, and found the settings below for me the best.



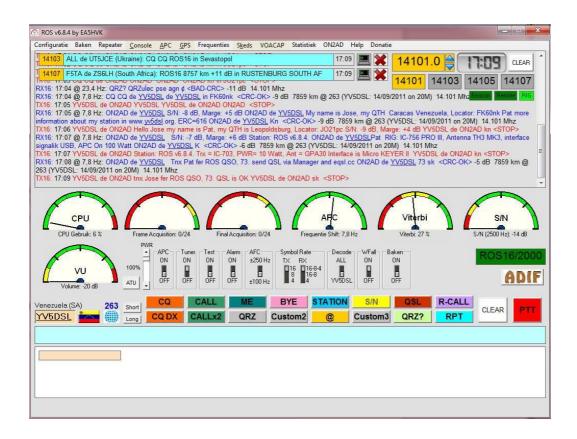
Algemeen Luisteren Niveaus Geavanceerd	Algemeen Luisteren Niveaus Geavanceerd
U kunt via deze Microfoon van hoofdtelefoon-poort naar een draagbare muziekspeler of een ander apparaat luisteren.	U kunt via deze Lijn-poort naar een draagbare muziekspeler of een ander apparaat luisteren.
<b>♀</b> ⇒ <b></b>	i i i i i i i i i i i i i i i i i i i
Naar dit apparaat luisteren NOT Enabled	Naar dit apparaat luisteren NOT ENABLED
Afspelen via dit apparaat:	Afspelen via dit apparaat:
Standaardapparaat voor afspelen 👻	Standaardapparaat voor afspelen 🔹
Energiebeheer	Energiebeheer
Ingeschakeld laten als de computer op een accu werkt	Ingeschakeld laten als de computer op een accu werkt
Automatisch uitschakelen om energie te besparen	Automatisch uitschakelen om energie te besparen

In "Ports", I have the next setup	
영영 microHAM USB Device Router 7.7.1	
Router Preset Device Virtual Port Help	Click on the "Set" just at "open 9600 8N 1" I have set the next setup.
V micro KEYER II	90 micro KEYER II.Radio Control: Icom IC-703
Ports Audio Switching PTT CW / WinKey CW Messages FSK Messages DVK Keyboard Display System Settings	Radio: Icon IC-703
RADIO Icom IC-703	Baud rate: 9600 bps v CI-V address: 68 Port: none v
7.050.000 USB	V Disable router queries V PW1 on radio bus Tracking
CAT: COM13  open 9600 8N2  Set	Forward autoinformation to CAT port: 📝 1st 📝 2nd
2nd CAT: none 🔹 🜗	CAT communication log: Clear Save Start Stop
FSK: none  Test 2nd FSK: none Test Invert	<u></u>
CW: none  DTR  Test	
PTT: COM5 V RTS V dosed V Test	
2nd PTT: none 🔻 RTS 🔻 🕨	
Foot Switch: none 🔻 CTS 💌 📲 🔲 invert	
Auxiliary: none  Mon	
WinKey: none 🔹 🌓 Test Mon	
Control: none 🔹 🜗 Mon	
MixW MultiPSK JT65+HF WSJT9 HRD WSPR2 FLDIGI	· · ·
DXLab V4 Chat ROS N1MM-Logger SSB Digpan	
Virtual serial ports routing setup micro KEYER II v4.6 (WinKey rev. 10) connected	
In "Audio Switching directory" I have the next setup.	
	In "PTT" I use the next setup
90 microHAM US8 Device Router 7.7.1	90% microHAM USB Device Router 7.7.1
Router Preset Device Virtual Port Help	Router Preset Device Virtual Port Help
	V micro KEYER II
Ports Audio Switching PTT CW / WinKey CW Messages FSK Messages DWK Keyboard Display System Settings	Ports Audio Switching PTT CW / WinKey CW Messages FSK Messages DVK Keyboard Display System Settings
Voice/Digital settings selector on USB/LSB/FM modes CW DVK DIGTTAL	
Use DIGITAL settings   Digital Band Map	PTT selector
Sound Card	CW PTT1 (microphone jack)  When foot switch is pressed
Sound Card	VOICE PTT1 (microphone jack)  VOICE VOICE PTT1 (microphone jack)  VOICE
Computer generated audio fed to:	FSK/DIGITAL PTT1 & PTT2 (both jacks)
VOICE Microphone jack, DIX control •	PA PTT LINA PTT Sound card PTT CW in VOICE When foot switch is released
FSK/DIGITAL Line input (rear)   Microphone Selector	PA PTT tail 10 m ms VRestore serial PTT and audio routing
	LNA PTT tail 10 m ms invert V Restore serial FSK
	PTT lead 10 + ms PTT tail Constant + 10 + ms
Front @ Auto © Rear	
Sound card overrides microphone	
MIXW MUHIPSK []JT65-HF WSJT9 [] HRD [] WSPR2 [] FLDIGI	MxW MutePsk []JT65HF WSJT9 [] HRD [] WSPR2 [] FLDIGI
DXLab V4 Chat ROS N1MM-Logger SSB Digipan	DXLab V4 Chat ROS INJMM-Logger SSB Digipan
Microphone, sound card & Radio routing setup micro KEYER II v4.6 (WinKey rev. 10) connected	PTT and FSK setup micro KEVER II v4.6 (WinKey rev. 10) connected

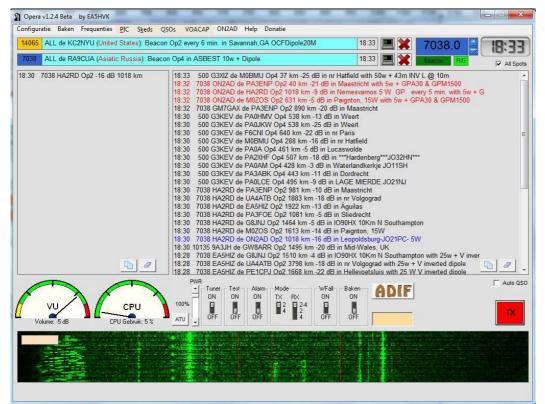
Remarks:	Transceiver instellingen	The soundcard setting are as follow
<u>Kelliarks.</u>	TRX besturing	
Sometimes when I try to connect my CAT I become		
some error message like	Merk Model	
"Close HAM Radio DeLuxe".	Icom VIC-703 V	
But I haven't HRD load at the moment. So after some		
investigation I found out that	ON LINE	IIII Geluidskaart instellingen
I have Commander running		Geluid aan
and MixW. So I closed both and do a	COM21, 1200 bps	Lijn (4- microHAM CODEC)
Re-Scan for connect to my		
CAT. And now the ROS program		Geluid uit
find my CAT and I become		Oortelefoon van hoofdtelefoon (
the message "ON LINE" and		T ATT 10dB
all is working fine	SWR Protectie	I ATT TOOR
Yes, I see that he use		ОК
COM21 with 1200 bps but it's work very well and I can		Lauran and Lauran a
change from Frequenz via	Note: Audio by the Rear ACC Connector	8 <u>.</u> 2
the Freq. macro's from the ROS program and I can		
receive and transmit in ROS	Re-Scan OK	
mode, that's what count hi	Bugs to nietoros@hotmail.com	

Like I wrote on the begin of this message it's also the best settings for me, so that I can use ROS mode (program) with the MicroKEYER II interface and this in connection with DXKeeper for logging the QSO's.

## ROS mode



**OPERA** mode



73 de Pat ON2AD

PS: SRI for some translate errors because My OS is in the Dutch language and some text is free translated, and my English isn't the best.

Close Window