Using Elecraft KX3 with HDSDR

Hardware requirements:

- Elecraft KX3
- KXUSB cable (or KXSER)
- 2.5mm **stereo** male to 3.5mm **stereo** male cable
- PC with 1GHz CPU, WindowsXP or newer, Stereo Soundcard with "Line-In Jack"

Software requirements:

- FTDI VCP driver for KXUSB cable: http://www.ftdichip.com/Drivers/VCP.htm
- HDSDR 2.63 or newer: http://hdsdr.de
- Omni-Rig http://dxatlas.com/Download.asp
  (free software created by Alex Shovkoplyas (VE3NEA) for transceiver/receiver CAT control)

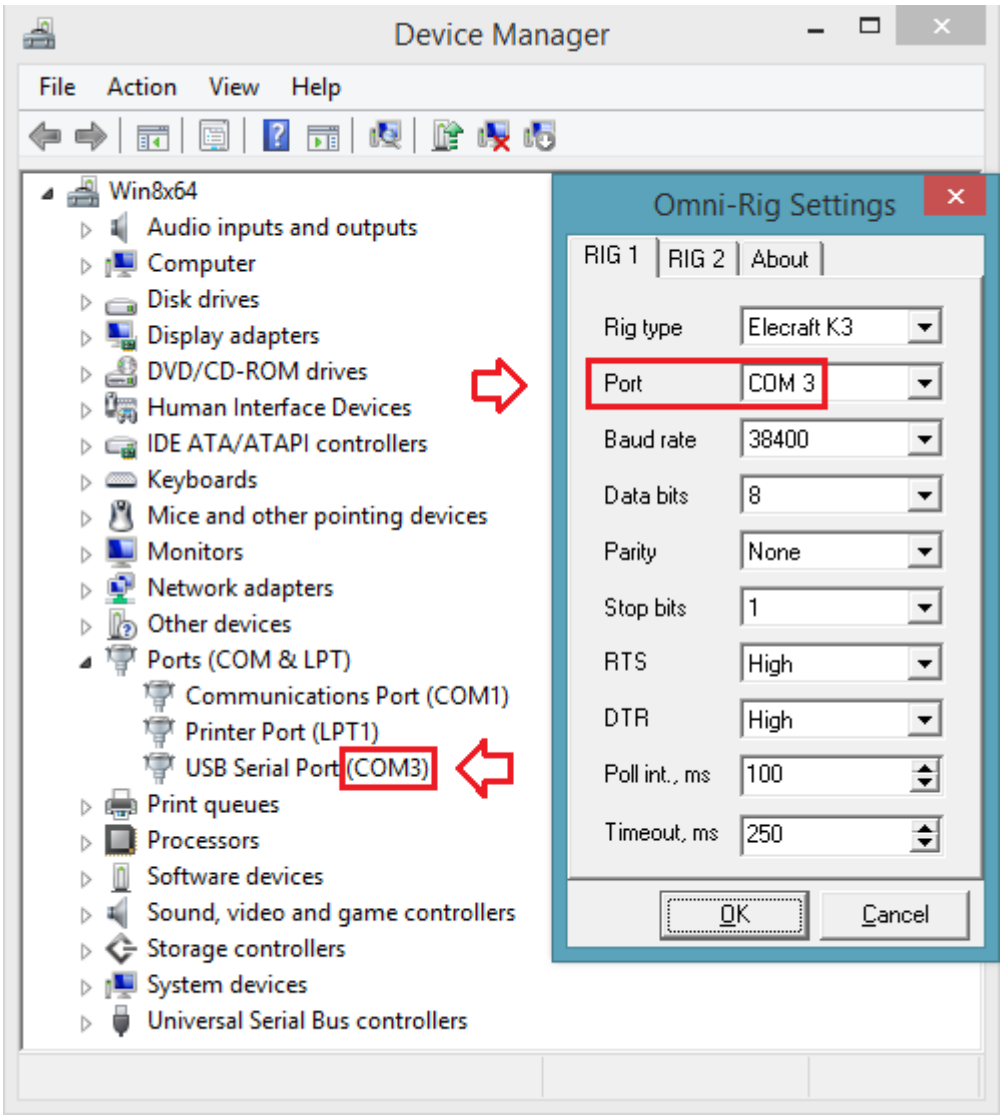
KX3 Menu settings:

- RS232: 38600 b (you can user any other value, but use the same in Omni-Rig)
- RX I/Q: On

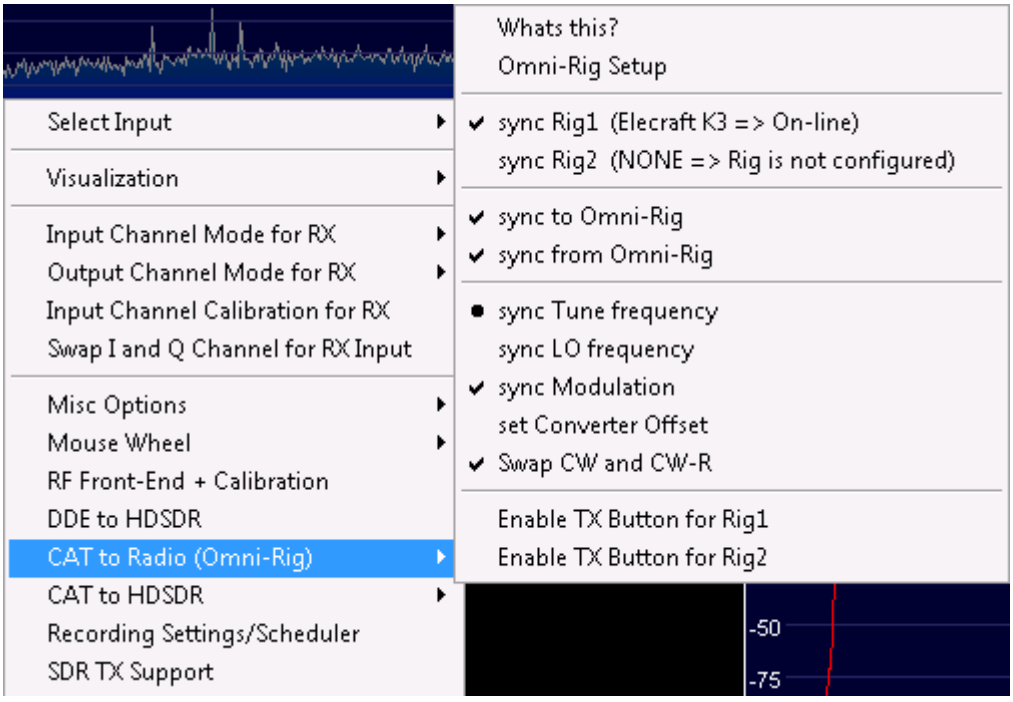
Installation:

1. Plug in the KXUSB cable and install the FTDI driver
2. Plug in the audio cable from KX3 I/Q output to the PC soundcard (line in)
3. Install HDSDR v2.63 or later
4. Install Omni-Rig
5. Start HDSDR and select your soundcard, which is connected to the KX3's I/Q output

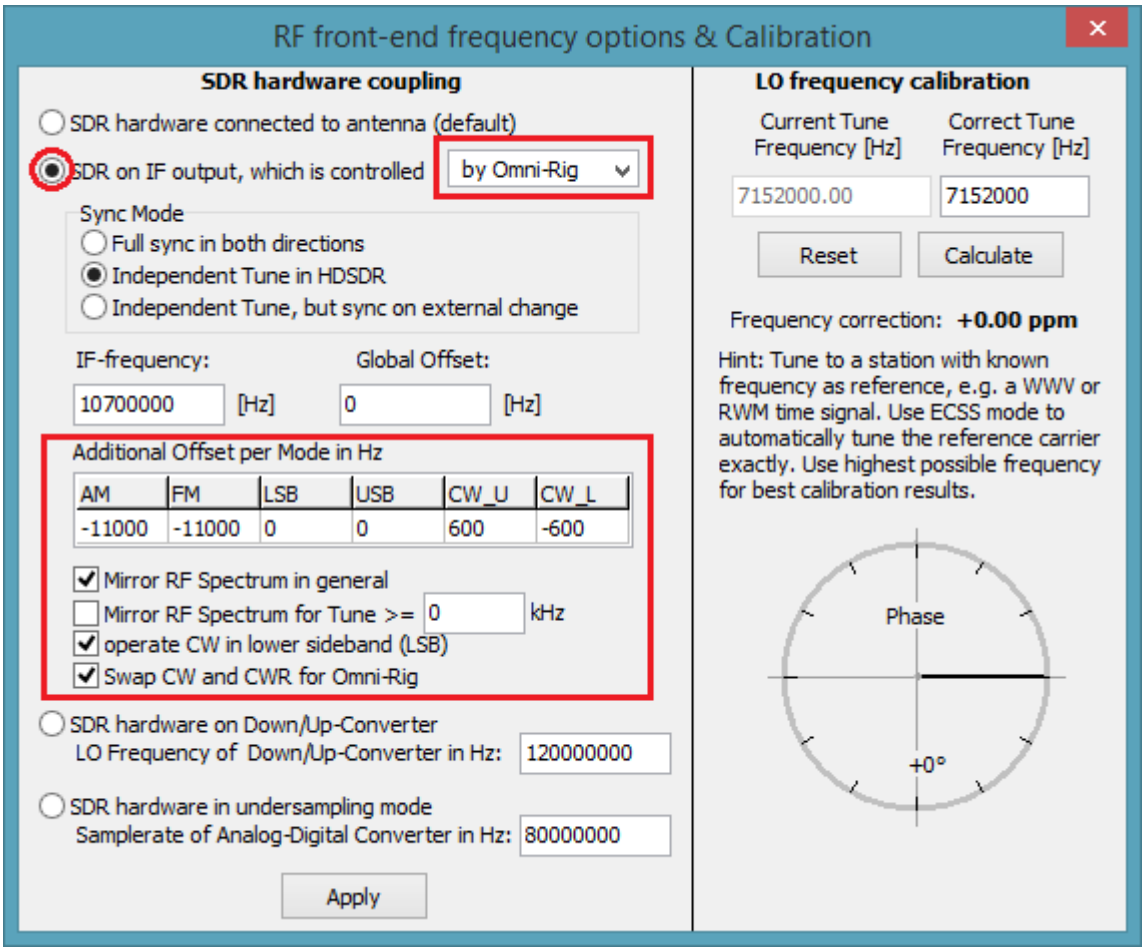
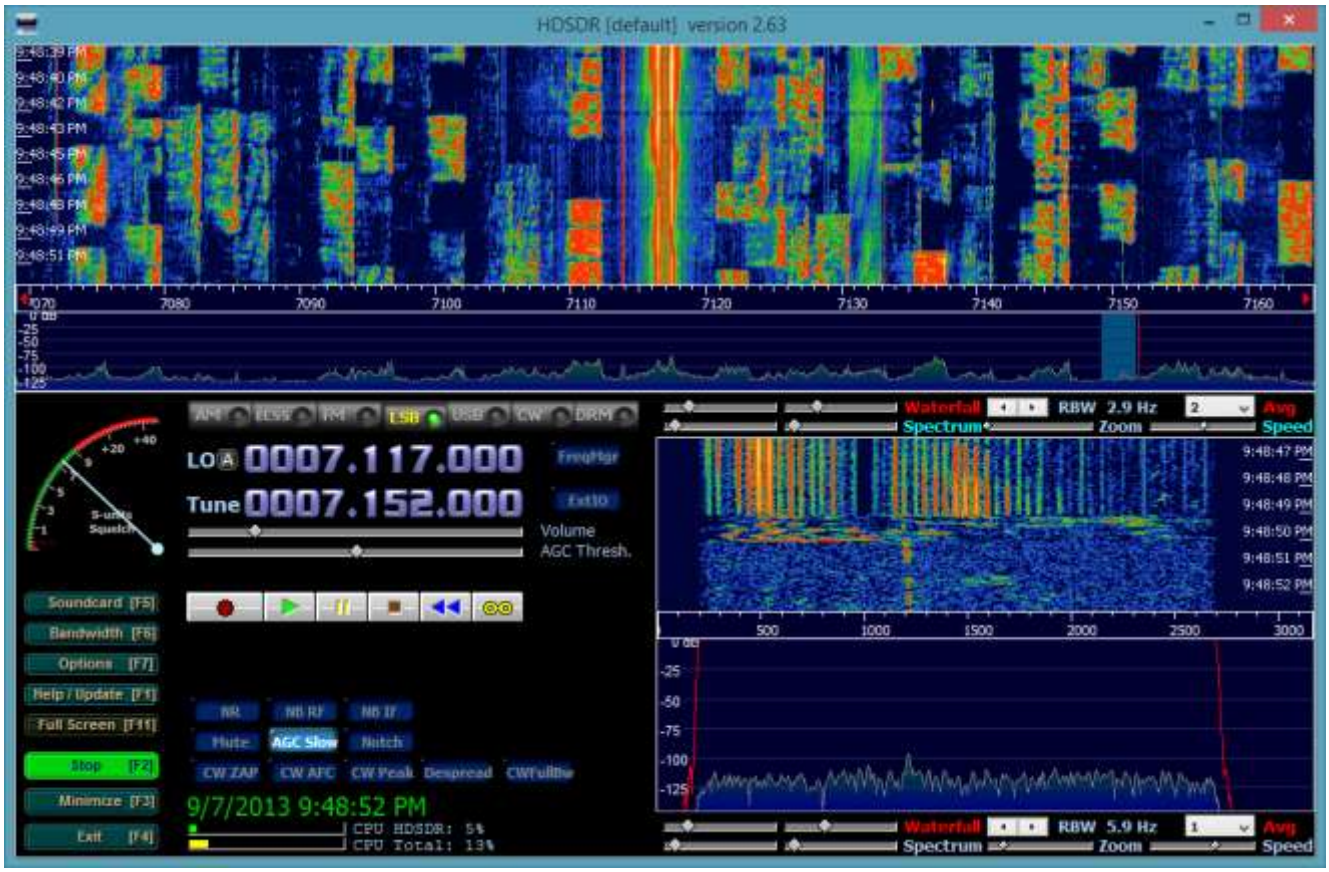
6. Click on <Options> → „Cat to Radio (Omni-Rig)“ → „Omni-Rig Setup“
   See picture below for setup and adjust for your COM Port (see Windows Device Manager)



7. Click on <Options> → „Cat to Radio (Omni-Rig)“ and enable „sync Rig1“



8. Click on <Options> → „RF-Front-End + Calibration“. Copy the settings from the picture below. Ignore the 10.7 MHz IF-frequency, which is not used for Soundcard input as with KX3



9. You are ready to run! (press Start)