Setting up the Roland QUAD-CAPTURE audio interface for recording ultrasound

After installing the QUAD-CAPTURE device driver software first launch the QUAD-CAPTURE Control Panel dialog box from the Windows Control Panel (select the "classic view" or "large icons"), goto the command Driver/Driver Settings… and select the sample rate of 192000 Hz (note that this setting is saved on the physical USB device and not on the computer):

On Windows Vista/7/8/8.1 the selected sample rate should then also appear on the Windows Control Panel (Start>Control Panel>Hardware and Sound>Sound>Recording>1-2 QUAD-CAPTURE>Properties>Advanced):
On the RECORDER software, the QUAD-CAPTURE device “1-2 (QUAD-CAPTURE) 6.3” must be selected from the Device list box. Note that there are three individual logic devices associated with the Quad-Capture unit (1-2, 3-4 and MAIN), where only the 1-2 entry represents the two analog microphone inputs at the front panel. For single-channel operation, the left channel (which corresponds to the INPUT 1L microphone input socket on the front panel of the unit) should be selected.

The sampling rate of 192000 Hz must be selected here as well:

In order to provide power to the Avisoft ultrasound microphone, it is necessary to set the PHANTOM switch on the back side of the audio interface to the 48V position. The GROUND LIFT switch should be set to the NOR position and the Hi-Z (INPUT 1) to the OFF position.

The USB audio interface has two microphone inputs (INPUT 1L and INPUT 2R). It is therefore necessary to attach the microphone to the correct input channel. This would usually be INPUT 1L if the (default) left Channel has been selected from the above Configuration dialog box of the RECORDER software.