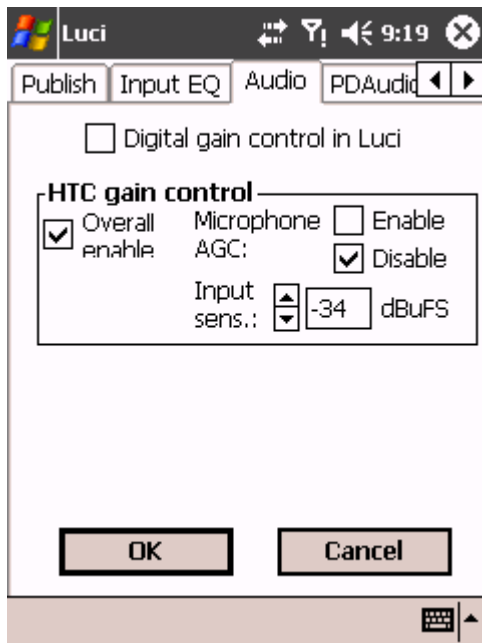


## AUDIO



START SETUP IN YOUR PROGRAMS FOLDER

### Select page Audio

EXPLANATORY FIELDS AND BUTTONS

#### Digital gain control in Luci

If you check this you can add some extra gain from within Luci. Keep in mind that this gain is applied in software, so after the analog to digital conversion. In the Luci 'Record'-tool the following button appears: Use the up/down buttons of your PDA to change the gain, or tap on the knob with your stylus and drag it up and down.

#### Sample-rate accuracy

Many PDA's have a sample-rate that is not as accurate as one likes it to be. With this option you have the ability to measure the exact sample-rate of your PDA and let Luci compensate for this inaccuracy. To measure, press the button 'Measure sample-rate' and wait until the counter is 0. You will see the real sample-rate of your PDA appearing to the right of the button. 44100 is the value it is supposed to be. Some PDA's have a sample-rate that is even as high as 44300 .

Mark the box 'Compensate in codecs' to let Luci compensate for any inaccuracy encountered in the above step.

#### HTC gain control

This appears only when you have a PDA of one of these types:

QTEK9090, O2 XDA IIs, O2 Germany XDA III, T-Mobile MDA III, QTEK 9090, iMate PDA2K, Orange SPV, M2000, Siemens SX66, Vodafone VPx, Vodafone V1620, Vodafone Germany VPA III, ePlus PDA III, Audiovox XV6600, NZ Telcom Harrier, QTEK 2020i, O2 XDAlli, Orange SPV M2500, I-mate PDA2, DOPOD 699.

You can then change the -analog- input-gain:

Normally, as a user, you can not change the Input-gain, but we did find a way to change the gain for these types of PDA. If Luci detects it is running on such a type of PDA, this extra field appears which is called 'HTC gain control'.

#### Overall enable

With this switch you enable or disable this feature of Luci all together.

You can change the AGC, like in Settings/Microphone AGC of your PDA.

#### Input sens.

Change the Input-gain. The manufacturer hides this feature from the common user. You set the gain in dBuFS, which is the maximum input-level you can use without distortion.

These figures are for an external Microphone with our MCA1-cable. Without MCA1-cable, add 7 dB to these numbers.

If you have changed the gain and press OK, you will see the screen flashing once: Luci now writes the new gain to the QTEK electronics. If you press OK again Luci setup stores the gain. Luci will then constantly check if the gain has changed (due to a video-recording for instance) and make sure the gain remains the same as the Setup gain when recording.