



Articulograph AG500 Sound recording with a soundcard under Windows

How to use in an AG200 session

- start the Ag5SndRec.exe
- the program comes up with a window shown in fig.3
- please do nothing else with this program

The program is controlled by the MC500 program via TCP/IP. Start- and stop recording is synchronous to the sweep recording.

The sweep signal on the left channel is used to find the exact time points.

Installation of AG5SndRec

- Create a folder named "SndRec" and copy the files "Ag5SndRec.exe" and "Blast32.dll" to it.
- Create a subfolder "SndTmp" in SndRec and share it with share name "SNDTMP" and all access rights for everyone.

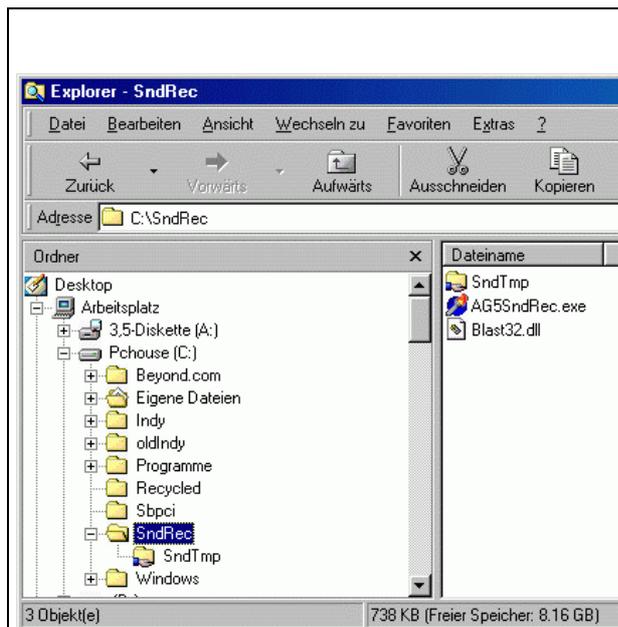


Figure 1: The executable program

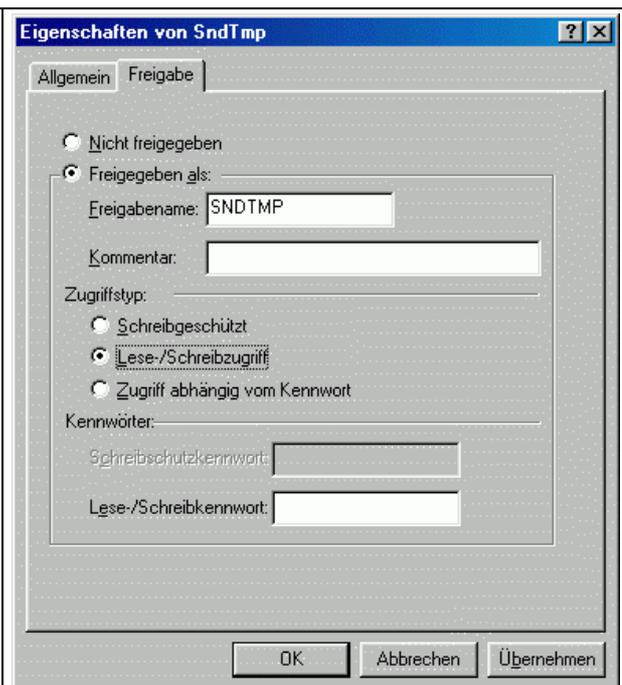


Figure 2: the public folder

- example: c:\sndrec\sndtmp, see fig 1 and fig 2
- optionally create a link to Ag5SndRec.exe on your desktop and/or your start menu

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N:\QM_2002\Manuals\Ag5SndRec\Sound_rec.doc	

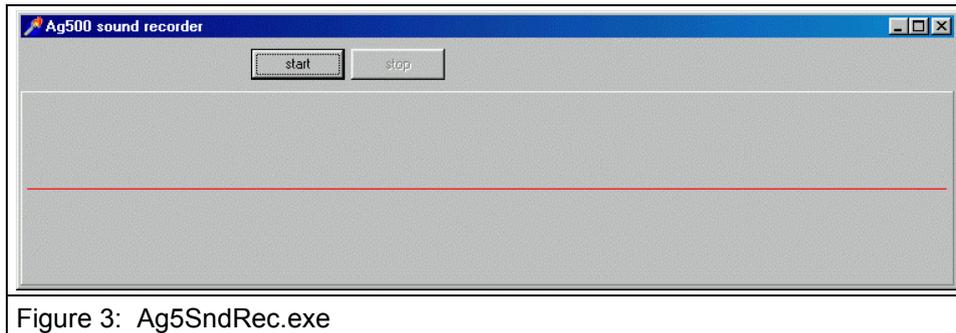


Figure 3: Ag5SndRec.exe

- on starting Ag5SndRec you'll see fig 3
- make sure to select "line in" as source for recording (see soundcard manual and windows documentation)
- connect the "sweep" signal from your SyBox to the left channel of your line in port
- connect a microphone amplifier's output to the right channel of your line in port
- verify settings and connections by pressing the "start" button in AG5SndRec:
- the red line should show the microphone signal
- the green line should show a short peak when sweep recording starts and another peak when it ends (press "record sweep" in AGMaster or MC500).
- press "stop" button in Ag5SndRec to stop sound recording
- ATTENTION: Sound recording produces 64kB data per second so:
- make sure there is enough space on your hard disk
- don't exceed 5 minutes recording time because all recorded data are loaded into memory for analysing the left channel (synchronization signal) to cut the data of the right channel.