

# Instruction Manual PC Software for TUNING SET CTS-7-PE V1.22

For Win-95, WIN-98, WIN-NT, WIN-ME, WIN-2000, WIN-XP, WIN-7, WIN-8

## 1 Installation of the PC software

Install the interface program from the Internet with the link as follows:

[http://www.tuning-set.de/html/download\\_e.html](http://www.tuning-set.de/html/download_e.html)

CTS-7-PE "pc-software download"

## 2 Starting the program

By using the delivered interface cable, connect the Tuning Set to serial interface ( COM-Port) of your PC and switch on the power. If no COM port is available you can connect the enclosed USB to RS232 adapter using this software. In this case you have to install a driver. The description how to install is located separately in this manual

After successful installation you will find the following icon in the starting menu,



which you may then use to start the interface program.

## 3 Saving data of the Tuning-Set on your PC

To start the reception process, click one of the following ICON:



Transmit all data from the Tuning Set to the PC.



Transmit data of historical temperaments from Tuning Set to PC.



Transmit adjustment data from Tuning Set to PC.



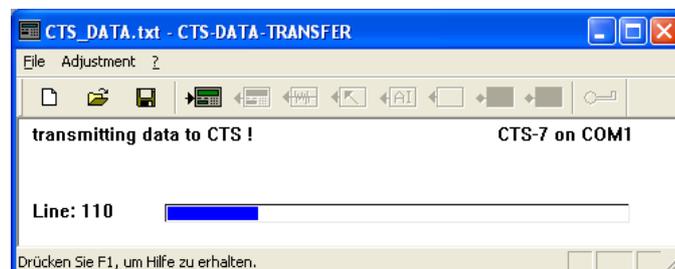
Transmit actual instrument program from Tuning Set to PC.

The following window then appears:

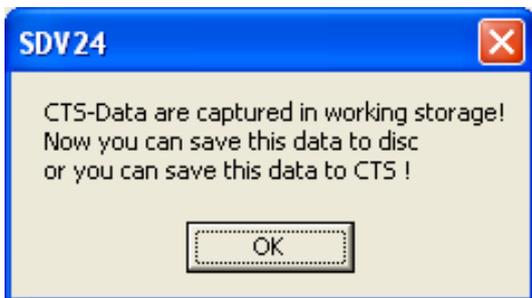


With "Adjustment" you select the interface you intend to use: COM1 or COM2.

While the data is being transferred, the file content is shown continuously on the display of the Tuning Set. and in the window of the interface program. A bar display will appear on the PC.



Once the data transfer is completed, the following indicator appears on the screen of your PC:



Display of the Tuning Set:



The data sent from the Tuning Set are now in the working storage and at this point should be saved on the fixed-disc.



By clicking this saving icon, the data is stored in the file CTS\_DATA.TXT in the directory: „../CTS\_FILES“.

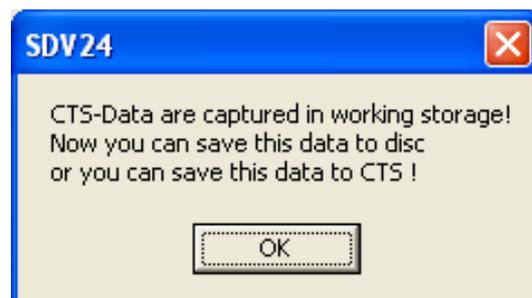
#### 4 Sending data from the PC to the Tuning Set

Start the data transfer program as described in chapter 2.

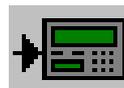


By clicking “File -> Open”, open a file meant for CTS-32 as for example CTS32ALL.TXT.

The following indicator then appears. Next confirm with OK.



The data are now buffered in the working storage of your PC and at this point, by clicking on the following icon,



can be transferred to the Tuning Set.

**Attention !!! During this process the data formerly saved in the Tuning Set is overwritten.**

Of course you can also save this data in any directory under any title by clicking on the dialog field “File -> Save As“

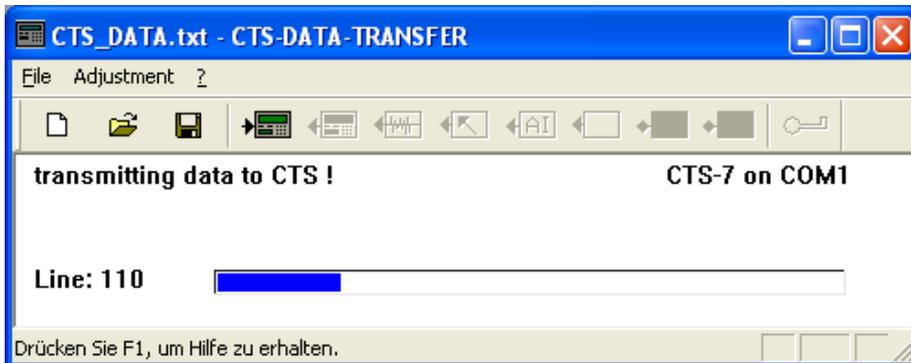
The data is saved as text file which can be handled with the usual text processing programs (Word, Notepad etc.) The protocol for this is described in the CTS-7-PE interface documentation.

Should you wish to edit the data, it is important that you only overwrite the individual characters and do not change the length of the character strings.

The data must then be saved as unformatted text file by the corresponding text processing program.

The data processed in this manner can then be transferred back to the Tuning Set.

Should the new data contain only parts of the entire data file, for example only one tuning program, the other existing data are preserved.



The data flow from the PC to the Tuning Set is now continuously displayed in the window.

Once the data transfer is completed, the following indicator appears:

