VAT number: DE 113 875 060
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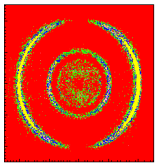

RoentDek
Handels GmbH

Supersonic Gas Jets
Detection Techniques
Data Acquisition Systems
Multifragment Imaging Systems

Installing CoboldPC on the computer

If you are planning to transfer an existing CoboldPC-installation to another PC, please skip to the section *'Transferring CoboldPC to another PC*' on page 2 of this document.

1. Download CoboldPC from this link: (for Windows 10/11)
   www.roentdek.com/software/CoboldPC/2011/R6/CoboldPC2011R6-NetworkSetup.zip
2. Unpack the zip to a local hard drive (on the PC. Do not use a network drive.). If you double click on the zip then the zip will only open virtually. The installer will not work in this case. The files must be extracted from the zip-archive to a local folder.
3. Double click on the file "Autostart.vbs". Answer "ok" or "yes" to all questions during the following procedure.
4. The installer window will open. Select "Install all components".
5. Now the installer will install the TDC drivers and the main program of CoboldPC.

   The installer will only install the components that are necessary on your system.
   E.g. on Win10x64 and Win11 it will not install Memacc, GiveIO, WinDrv 6.x. Please do not force the installation of these components.
6. During the installation of CoboldPC a small window may appear where the serial key must be entered. This window may appear behind the installer window.
7. Use this serial key: _____

   Alternatively, you can use your old serial key from a previous CoboldPC version.
8. Download and install this TDC driver:

   https://www.roentdek.com/software/TDC_Driver/TDC8HQ_driver_v1.6.0.exe
9. Reboot the PC

   Contact RoentDek support to receive example programs in C++ or Python for direct readout of the TDC.

Installing and using multiple TDC8HQs

1. Install all TDC8HQs inside the PC.
2. Connect the TDCs with the flat grey ribbon cable.
3. Install the sync card inside the PC and connect it with the power supply (via SATA or Molex-connectors).
4. Connect the sync card with the sync-inputs (type Lemo) of the two TDCs using 2 short Lemo cables.
5. Please contact RoentDek support to learn about the required changes in the CCF configuration scripts of CoboldPC.

Transferring CoboldPC from one PC to another PC:

1. First, check which CoboldPC version you have been using on the old PC by opening the About-box in CoboldPC.

2. Get the CoboldPC-installer from RoentDek support that matches **exactly** this version.
(Do not install an older or a newer CoboldPC.)
The most common versions are 2011 R5-2, 2011 R6, 2026.

3. Install CoboldPC and the TDC driver following the steps 1 to 9.

4. Copy the old CoboldPC to the new PC. But do **not** overwrite the installed version in

   C:\program files\RoentDek…
   Instead, copy it somewhere else – as example on the Desktop.

5. Start CoboldPC. You may see up to 4 warning messages. Close them. Execute the CCFs as usual. From now on, everything should work. The warning messages will not show up again.

In case of problems please contact <support@roentdek.com>