

MANUAL

Version: 23.03.2015_V.2.1

A/D-Wandler UAC 110



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1. Parts of Delivery



- UAC 110 Adapter
- Connection cable BNC – BNC (SEM 3000) or
- Connection cable BNC – Klinke (KBT 2000)
- USB connection cable extension
- CD with software and drivers
- Manual

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2. Short Description (Program)

Device → Select the connected device and the function then select the chosen device range.

View => Select Chart or Display.

Start / Stop => Start / Stop the Measure transmission.

Reset => Erase the measures.

Exit => Close this window.

3. SETUP – File

In the Setup-File in the path: c:\Programme\KE ReadOut the parameters of the measurement can be modified.

Delta_U=300	max. Offset (Bit) between two Measures
Average_U=1	numbers of measures to built the average

Sampling_Time_Chart=xxx	for Chart in ms.
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Sampling_Time_Display=xxx	for Display in ms
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4. General Information

With the UAC 110 you can read in the analogue signals $\pm 1V$ from EFM120 and all other devices with an analogue output of $\pm 1V$ via a USB interface

5. Product Specification

The unit is in a plastic housing. At one end of the unit is a BNC - jack for connecting the Analogue $\pm 1V$ input, on the other end is a USB connector.

The device has a built-in microcomputer, with the following tasks:

- Management of the USB interface
- Analogue / Digital conversion of $\pm 1 V$ input

6. Specifications

Dimension (L x B x H):	app. 110mm x 32mm x 20mm
Weight:	app. 60g

6.1 Connection

The connection of the input voltage is via the front identification BNC jack.
After the installation of the Software connect the device to a USB port on the PC.

7. Guarantee

In correct handling of the instructions we grant a warranty of 24 month.
Excluded of the guarantee is:
Damage caused by high voltage and mechanical damage of the device.
The warranty expires by opening the device

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8. Instructions UAC 110

First install the software before you connect the AD-converter to your computer.

- Insert the CD in a free CD drive
 - ⇒ 32-bit system, install KE_setup_X86
 - ⇒ 64-bit system, install KE_setup_X64
- Follow the installation instructions of the program
- Connect the UAC 110 to a free USB-port
- If necessary install the suitable USB AD-converter manually
 - ⇒ If there is no self-acting advice for a manually driver installation, then:
 - Choose the device in the device-manager
 - Other devices / USB AD-converter 10Bit
 - Click: driver-software update

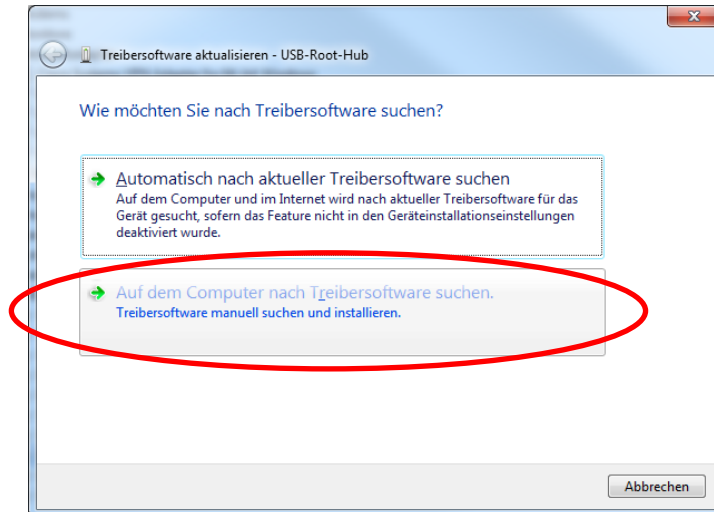


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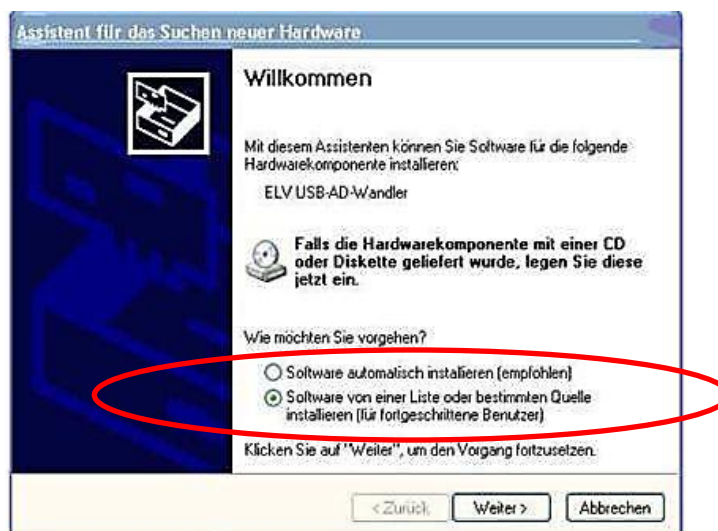
- Windows 7/8:

- Searching for driver-software on the computer



- Windows XP:

- Click „No,...“ to deselect the Windows-Update
⇒ Select: Software form a list... (XP)

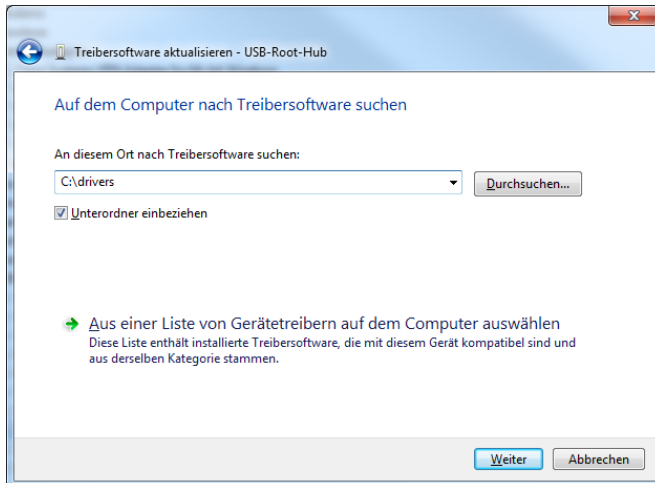


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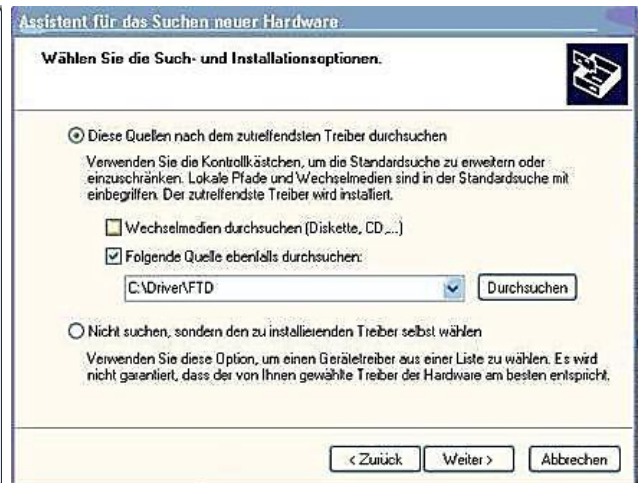
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- The driver is normally in the list C:\drivers
(Include folders)

Windows 7/8



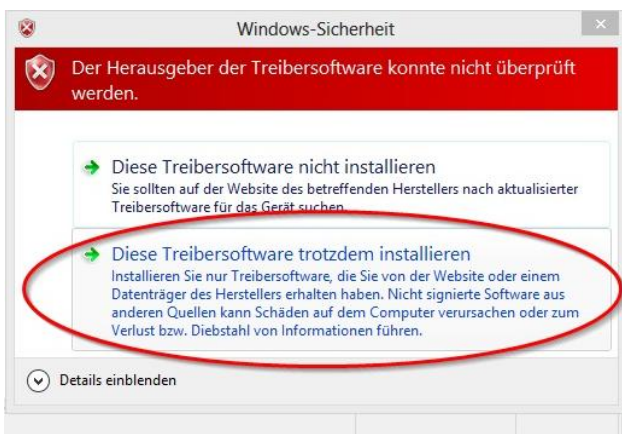
Windows XP



Advice:

Disregard the Windows warnings and continue the installation.

Windows 7/8



Windows XP



After a successful installation you can connect the measuring equipment to the PC and start the „KE-Read out“ software.

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7. Contact addresses, contact persons and service

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