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maxon motor control	EPOS2 Positioning Controllers
USB Driver Installation	**Edition April 2010**

EPOS2
Positioning Controllers

USB Driver Installation

PLEASE READ THIS FIRST

The present document contains supplemental information to the «Getting Started» document of the respective EPOS 2 Positioning Controller you are using.

We strongly stress the following facts:

- *The present document does not replace any other documentation covering the basic installation and/or parameterization described therein!*
- *Also, any aspect in regard to health and safety, as well as to secure and safe operation are not covered in the present document – it is intended and must be understood as complimenting addition to those documents!*

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1 About this Document

The present document provides information on the USB driver installation when connecting the EPOS2 Positioning Controller to the PC's USB port for the first time.

It covers the respective routines for the following Microsoft® operation systems:

- Windows 7
- Windows Vista
- Windows XP, SP3

> **Note**
>
> *Operating System Languages*
>
> *Designation of program directories as well as menus and buttons may vary depending on the system language installed.*

1.1 How to use

Take note of the following notations and codes which will be used throughout the document.

Notation	Explanation
«Abcd»	indicating a title or a name (such as of document, product, mode, etc.)
¤Abcd¤	indicating an action to be performed using a software control element (such as folder, menu, drop-down menu, button, check box, etc.) or a hardware element (such as switch, DIP switch, etc.)
(n)	referring to an item (such as order number, list item, etc.)
➔	denotes "see", "see also", "take note of" or "go to"

Table 1-1   Notations used in this Document

1.2 Trademarks and Brand Names

For easier legibility, registered brand names are listed below and will not be further tagged with their respective trademark. It must be understood that the brands (the below list is not necessarily concluding) are protected by copyright and/or other intellectual property rights even if their legal trademarks are omitted in the later course of this document.

The brand name(s) …	… is/are a registered trademark(s) of …
Windows Vista®	© Microsoft Corporation, USA-Redmond, WA
Windows®	© Microsoft Corporation, USA-Redmond, WA

Table 1-2   Brand Names and Trademark Owners

1.3 Copyright

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2 Windows 7

2.1 Connect USB Cable

1) Plug in USB cable to EPOS2 Positioning Controller's USB interface.

2) Plug in USB cable to any available USB port on your PC.
The following message will appear:
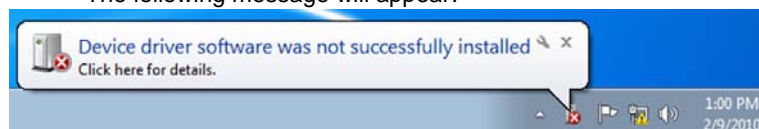
Figure 2-1   Windows 7 – "Device Driver Installation failed" Message

2.2 Open «Control Panel»

1) Click ¤Control Panel¤.

2) Select ¤Hardware and Sound¤.

3) Select ¤Devices and Printers¤.

4) Search for listing «Unspecified/Unknown Device».

5) Click right to open context menu and select ¤Properties¤.

6) Select ¤Hardwarel¤ tab.

7) Click ¤Propertiesl¤.
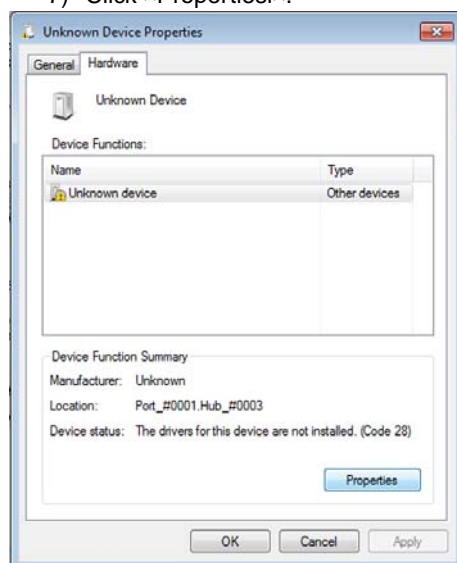
Figure 2-2   Windows 7 – "Unknown Device Properties" Context Window

8) Select ¤Change Settings¤.
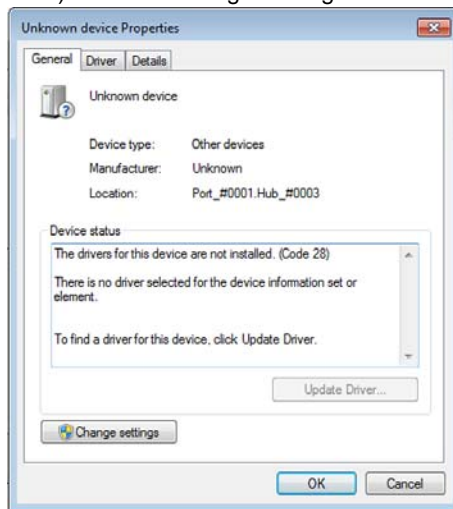
Figure 2-3   Windows 7 – "Unknown Device Properties" Window

9) Click ¤Update Drivers¤.
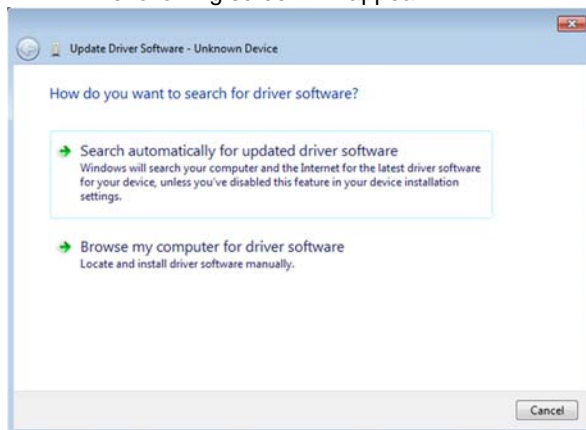The following screen will appear:

Figure 2-4   Windows 7 – "Update Driver Software" Screen

10) Doubleclick ¤Browse my computer for driver software¤.

2.3   Update Driver Software

    1) Click ¤Browse¤.

    2) Find and select «EPOS2 USB Driver» directory.

> ***Note***
>
> *Default Location of the Driver Directory*
>
> *If you kept the default settings unchanged during initial installation of the software, the working directory will be "C:\Program Files\maxon motor ag\Driver Packages\EPOS2 USB Driver" (note that designation of program directory may vary depending on the system language installed).*
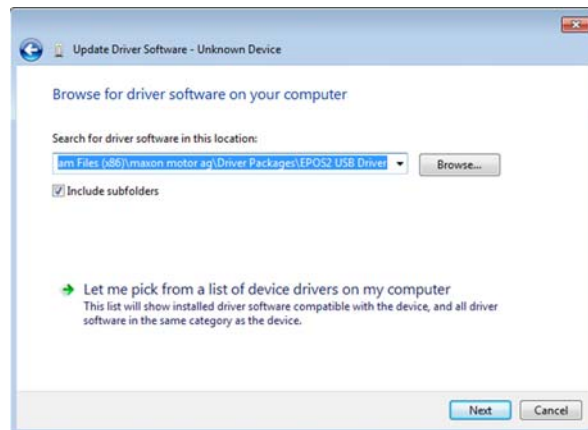
Figure 2-5   Windows 7 – "Update Driver Software" Browser

    3) Click ¤Next¤.

2.4   Define Windows Security Settings

    • Doubleclick ¤Install this driver software anyway¤.
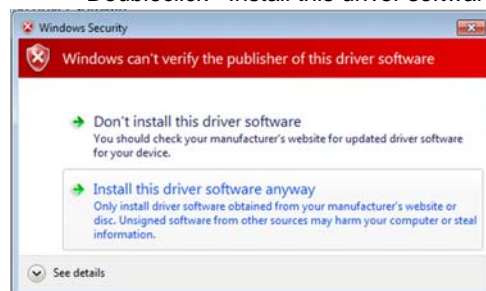
Figure 2-6   Windows 7 – "Windows Security" Screen

2.5   Complete Driver Installation

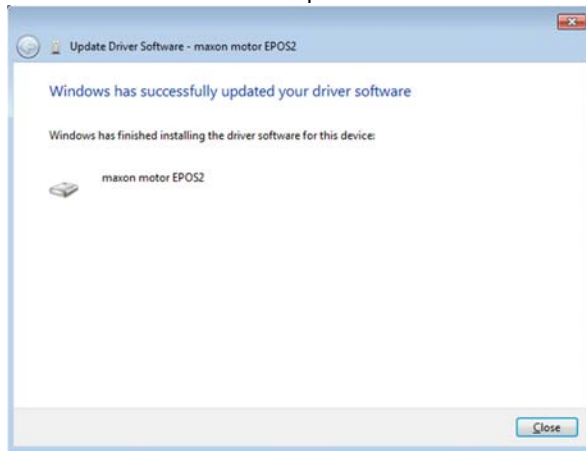- Click ¤Close¤ to complete the installation.

Figure 2-7   Windows 7 – "Update Driver Software" Confirmation

3 Windows Vista

3.1 Connect USB Cable

1) Plug in USB cable to EPOS2 Positioning Controller's USB interface.

2) Plug in USB cable to any available USB port on your PC.
The following message will appear:

Figure 3-8   Windows Vista – "Found New Hardware" Screen

3) Doubleclick ¤Locate and install driver software (recommended)¤.
The following screen will appear:
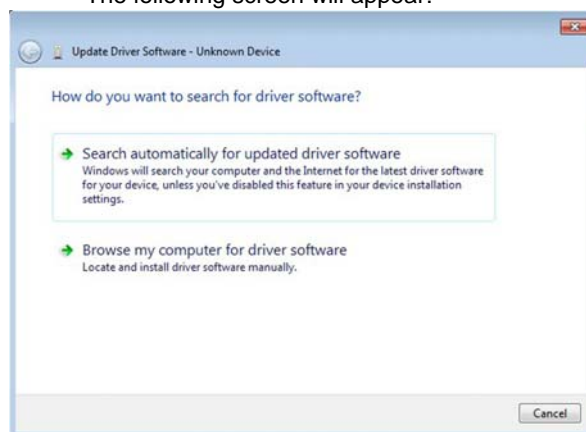
Figure 3-9   Windows Vista – "Update Driver Software" Screen

4) Doubleclick ¤Browse my computer for driver software¤.

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3.2 Update Driver Software

    1) Click ¤Browse¤.

    2) Find and select «EPOS2 USB Driver» directory.

> **Note**
>
> *Default Location of the Driver Directory*
>
> *If you kept the default settings unchanged during initial installation of the software, the working directory will be "C:\Program Files\maxon motor ag\Driver Packages\EPOS2 USB Driver" (note that designation of program directory may vary depending on the system language installed).*
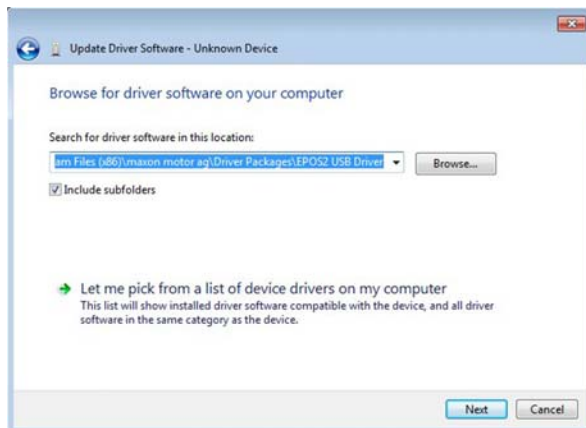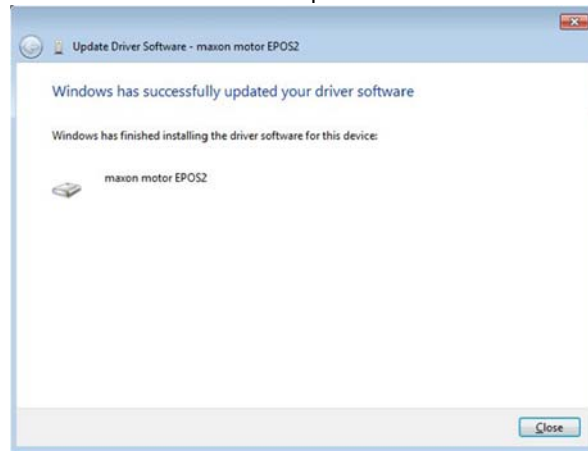

Figure 3-10   Windows Vista – "Update Driver Software" Browser

    3) Click ¤Next¤.

3.3 Define Windows Security Settings

    • Doubleclick ¤Install this driver software anyway¤.

Figure 3-11   Windows Vista – "Windows Security" Screen

3.4 Complete Driver Installation

- Click ¤Close¤ to complete the driver installation.

Figure 3-12   Windows Vista – "Update Driver Software" Confirmation

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4 Windows XP

4.1 Connect USB Cable

    1) Plug in USB cable to EPOS2 Positioning Controller's USB interface.

    2) Plug in USB cable to any available USB port on your PC.
The following message will appear:

Figure 4-13   Windows XP – "Found New Hardware Wizard" New Hardware found

    3) Tick ¤Yes, this time only¤.

    4) Click ¤Next¤.

4.2 Install Driver

    1) Select ¤Install from a list or specific location (Advanced)¤.

    2) Click ¤Next¤.

Figure 4-14   Windows XP – "Found New Hardware Wizard" Installation Type

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4.3 Update Driver Software

1) Click ¤Browse¤.

2) Find and select «EPOS2 USB Driver» directory.

3) Click ¤Next¤.

> **Note**
>
> *Default Location of the Driver Directory*
>
> *If you kept the default settings unchanged during initial installation of the software, the working directory will be "C:\Program Files\maxon motor ag\Driver Packages\EPOS2 USB Driver" (note that designation of program directory may vary depending on the system language installed).*

Figure 4-15   Windows XP – "Found New Hardware Wizard" Browser

4) Wait for completion of copy and setup process.

5) Click ¤Next¤.

Figure 4-16   Windows XP – "Found New Hardware Wizard" Copy & Setup

4.4   Complete Driver Installation

- Click ¤Finish¤ to complete the driver installation.

Figure 4-17   Windows XP – "Found New Hardware Wizard" Confirmation

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