MAXPOS / MAXPOS Studio:
Download of the *.mxpj project parameter settings to a MAXPOS

Topic:

How to import / download the parameters of a *.mxpj project file to a MAXPOS controller?

Solution:

The "MAXPOS Studio" software is based on a project structure to manage system and drive parameter settings. There are three steps required to download the parameter settings of a *.mxpj project file to a MAXPOS controller:
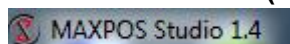
1. Startup of MAXPOS Studio

If MAXPOS Studio starts up, there are no parameters defined by the project initially.
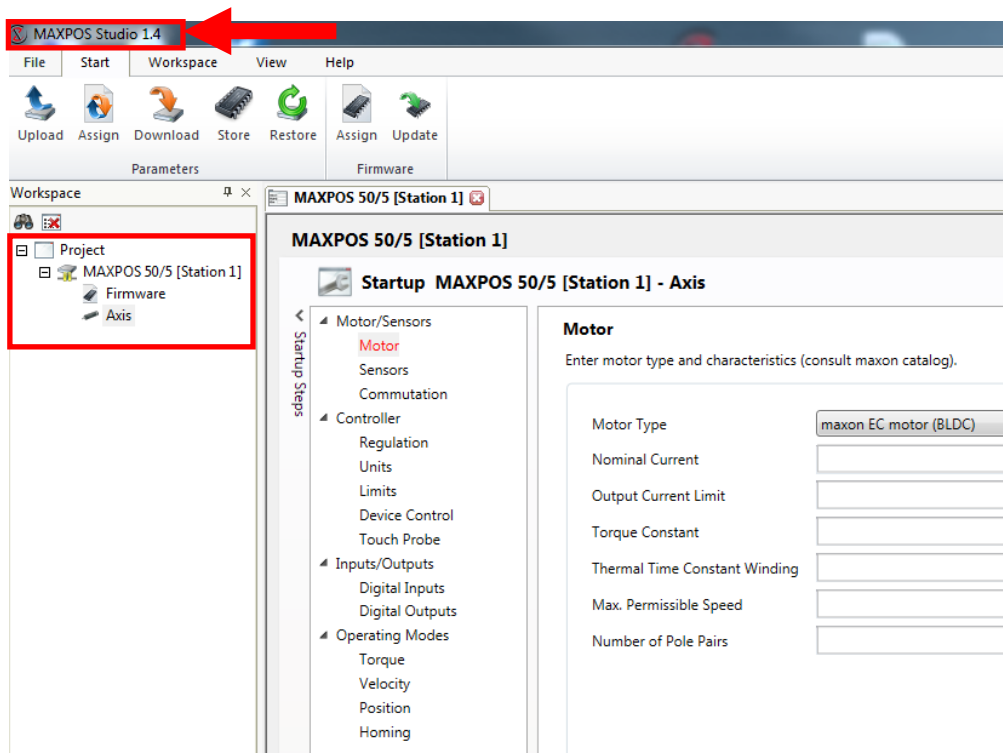
Important:

> ➢ **MAXPOS Studio 1.4 (or higher)** must be installed.
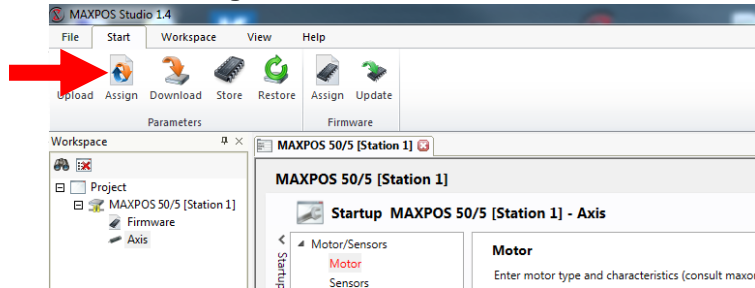>
>
>
> Please check the version number in the headline of MAXPOS Studio.
> If you have an older software version than 1.4, please download the latest MAXPOS Studio by the maxon website (e.g. http://maxpos.maxongroup.com) and replace your former MAXPOS Studio installation.

2. Assign the parameters of a *.mxpj file to a "MAXPOS Studio" project
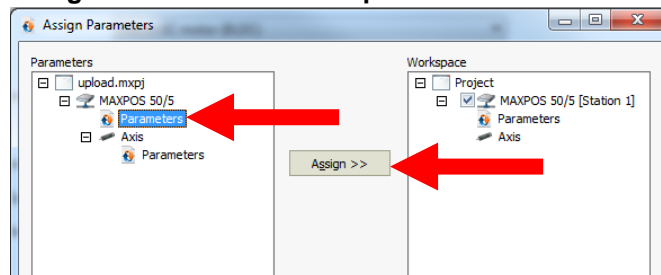
> ➢ Select the "Start" tab

> ➢ Click the **"Assign" icon**

> ➢ **Browse for the *.mxpj project file**
> from which you like to import the MAXPOS configuration parameters.
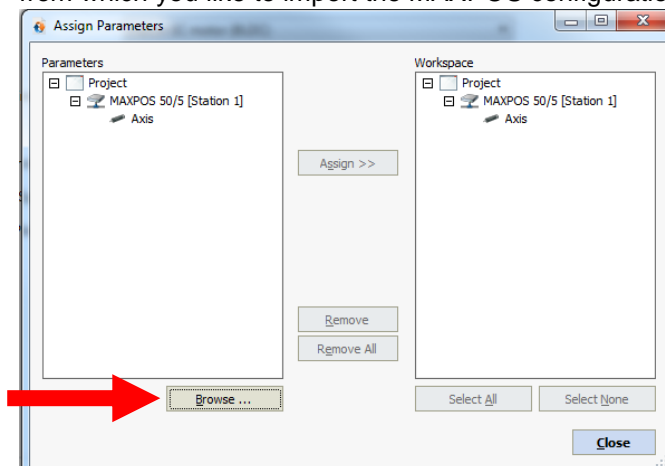
> ➢ **Assign the "MAXPOS 50/5" parameters** of the file to the "MAXPOS Studio" project.

> ⇨ Select / mark the "**Parameters" branch** underneath the **"MAXPOS 50/5"**.

> ⇨ Press the **"Assign >>"** button.

> ⇨ The "MAXPOS 50/5" (general) parameters of the *.mxpj file are copied to the "MAXPOS Studio" project (i.e. the parameters which are not depending on the motor combination).
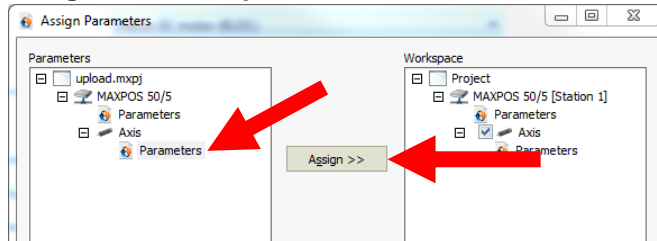
➢ **Assign the "Axis" parameters** of the file to the "MAXPOS Studio" project

⇨ Select / mark the **"Parameters" branch** of the **"Axis" section**.

⇨ Press the **"Assign >>"** button.

⇨ The "Axis" parameters of the *.mxpj file are copied to the "MAXPOS Studio" project (i.e. all parameters related to the motor, encoder, gear, motion data and limits, …).

➢ Press "**Close**" to exit the window.
The general and axis parameters of the *.mxpj file have been copied into the "MAXPOS Studio" project now.

3. **Download "MAXPOS Studio's"** project parameters to the **"MAXPOS"** controller

➢ Click the **"Download" icon**
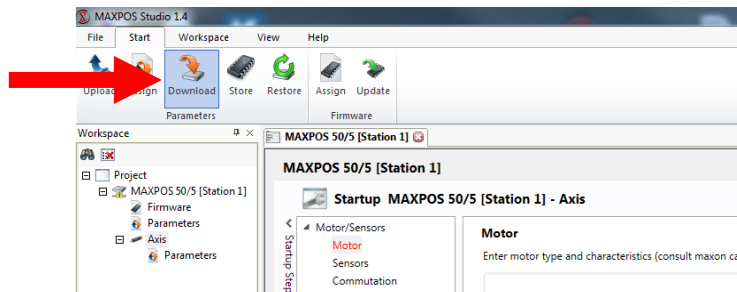
➢ Press **"Start" to download the parameters**
from the "MAXPOS Studio" project to the "MAXPOS" controller.