⊘SMC®

Operation Manual

Product Name

Controller setting software, *(For 3 or 4-axis Step Motor Controller)* *Installation Manual*

Model/Series

JXC-MA1

SMC Corporation

1. Preparation

Prepare the following items before using this setting software (JXC Controller).

1.1 Applicable Computer

Prepare the PC according to the following operating environment.

Compatible OS*1	Windows ®7 (32bit / 64bit) Microsoft .NET Framework 2.0 is necessary.
	Windows® 8.1 (32bit / 64bit) Microsoft .NET Framework 3.5 is necessary.
Hard disk space	50MB or more
Interface	USB port (USB1.1 or USB 2.0)

*1 If Microsoft.NET Framework is not installed during installation of the device, install Microsoft.NET Framework.

1.2 USB Cable

Prepare USB cable (A-B type) (Product No.: JXC-MA1-2)

2. Software Installation

Before starting the installation, please implement the following points:

- Login by a user account with authority of Administrator

- Terminate all other applications

2.1 Installation of the software

Insert the CD-ROM into the CD/DVD drive.
Open the application folder (JXC∗2: \3-axis\Application\English, JXC∗3: \4-axis\Application\English).
Right-click on "setup.exe" displayed in "Run as administrator".

Installation process starts. Install the software according to the instructions displayed on the screen.
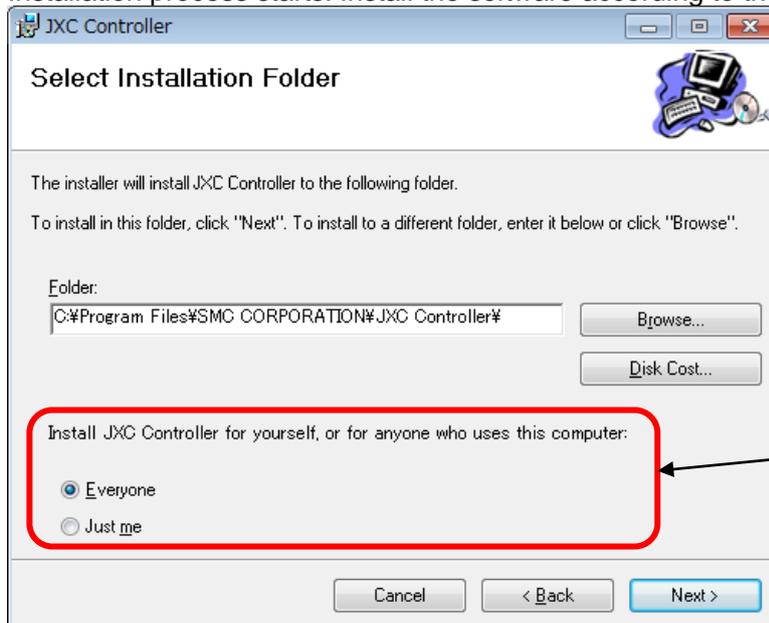
Only when the setting software for JXC∗3 is installed, the user sellection will be displayed. Select "Everyone".

The following "JXC" icon is displayed on the desktop when the installation is completed.

Setting software for JXC∗2:   Setting software for JXC∗3:

2.2 Installation of the driver

1) Open the USB-Driver folder (JXC∗2: \3-axis\USB_Driver, JXC∗3: \4-axis\USB_Driver) in the CD-ROM. Select 32 bit or 64 bit depending on your PC. Right-click on "Install.bat" displayed in "Run as administrator".

2) The following screen will be displayed depending on the setup of the PC. Click Yes.
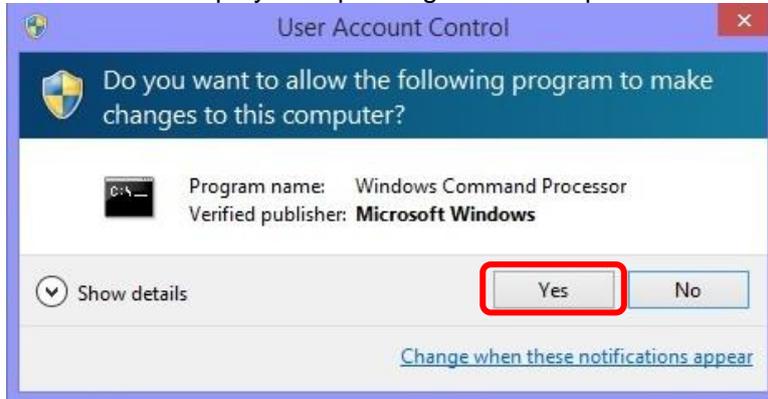
3) Command prompt is displayed.

4) The following screen will be displayed. Click the "Next".

5) The following screen will be displayed. Select "Always trust software from SMC K.K." and click the Install button. Select "Next".

Check

⑤SMC
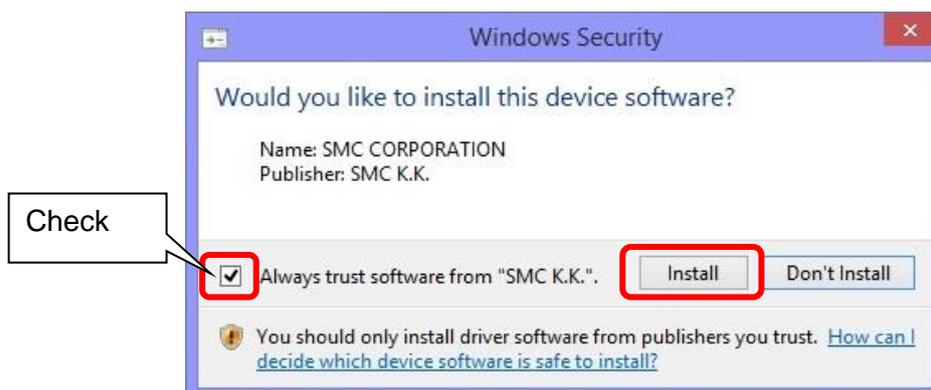
6) The following display appears when installation is completed. Click the Finish button.
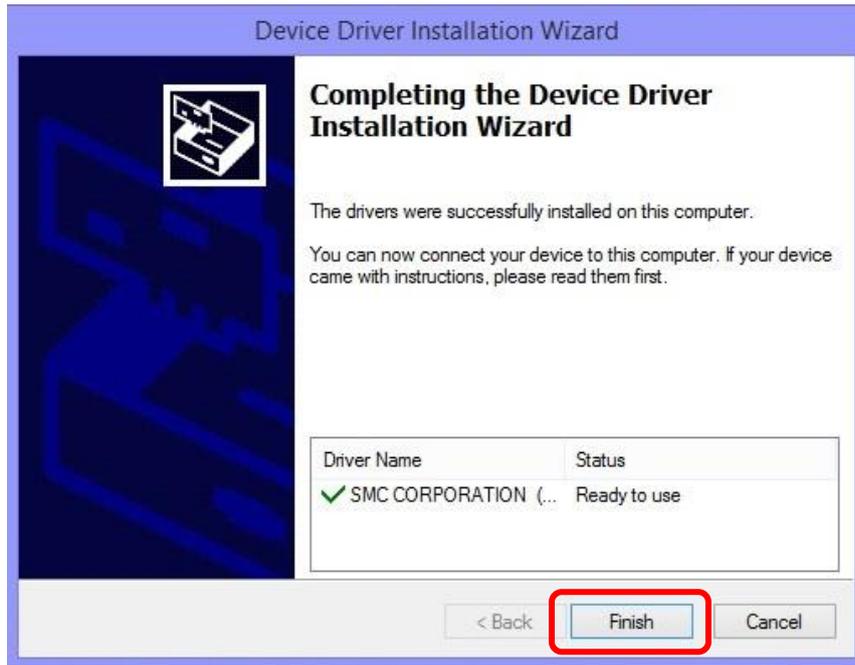
7) Connect the USB cable as shown in the figure below, and supply power to the controller.   The
   PC will recognize the connected controller automatically.
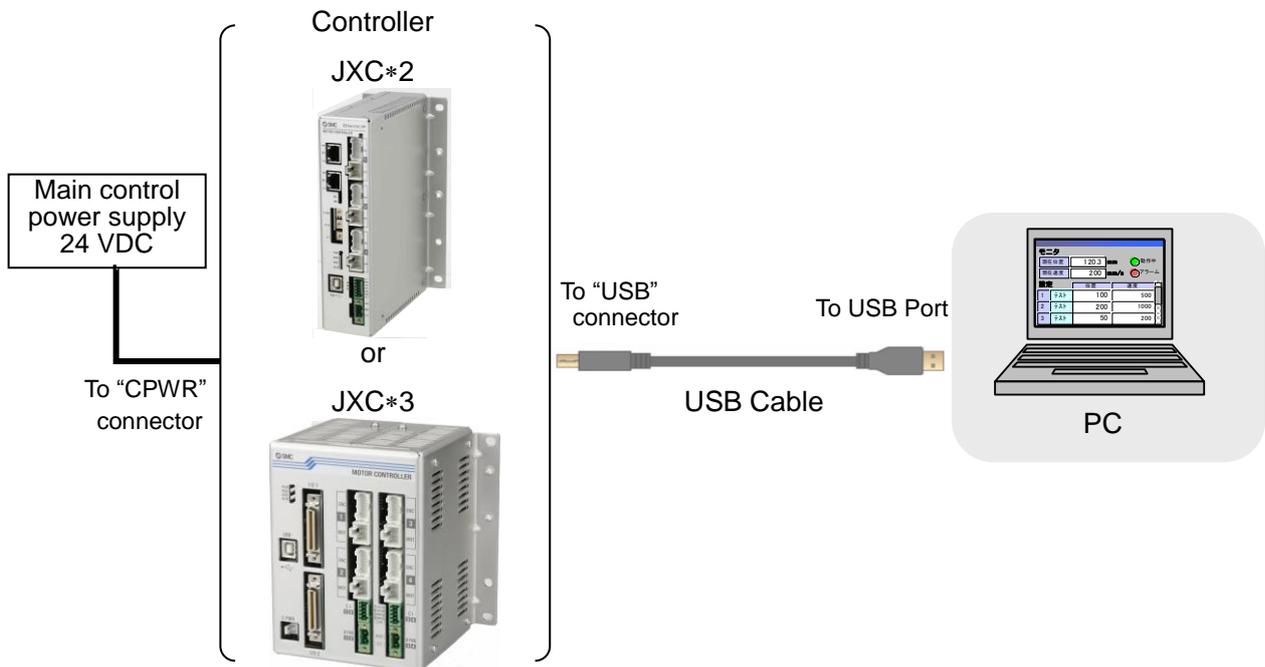
3. Connection Check

Connect the USB cable, and supply power to the controller.

Double-click the JXC Controller icon on the PC desktop, and then confirmation of the communication between the PC and the controller will start. The screen below will be displayed when the communication is established correctly.
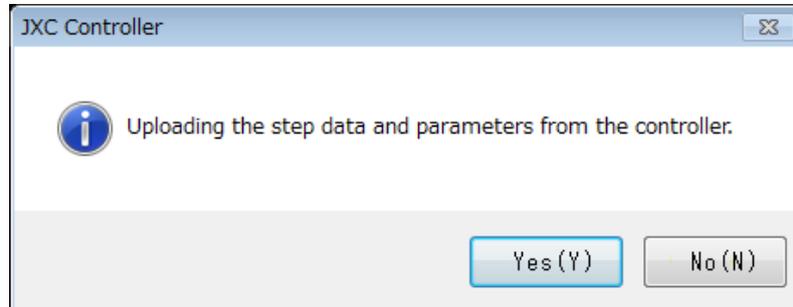
By selecting "Yes (Y)", the parameters and step data are uploaded automatically, after displaying the title screen. When selecting "No (N)", the software will start without uploading.

When the PC is not able to communicate with the controller, the following screen will be displayed.
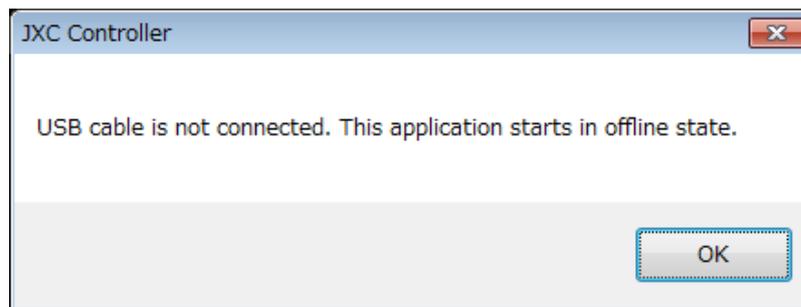
When "OK" is selected, the title window will be displayed. And the title window will disappear in a few seconds, but it can be skipped by clicking on the title window.

(The above title window of the setting software for JXC∗3 is the same as it for JXC∗2.)

The main window as shown below is then displayed.
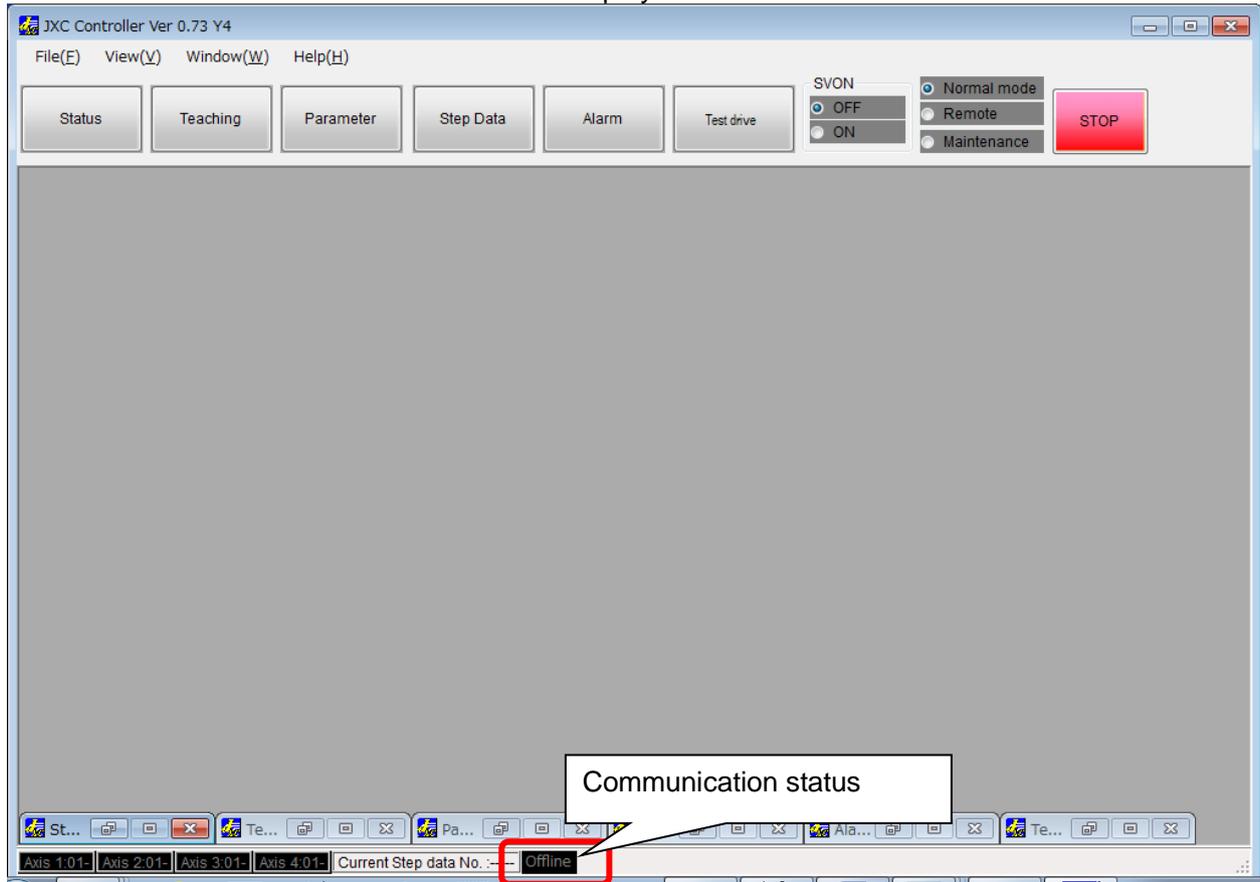
(The above main window of the setting software for JXC∗3 is the same as it for JXC∗2.)

The communication status is displayed at the bottom of the main window.

Display	Details
Offline	Off-line state
Online	On-line state

When the PC is able to communicate with the controller, "On-line" status is established automatically.
If the communication is in the off-line state, the PC is not able to communicate with the controller.
Please check the following.

- **Check that power is supplied to the connected controller.**
- **Check that the controller and the computer are connected to each other via the USB cable.**
- **Check that the USB driver is installed correctly.**

⚠ **Caution**
Do not turn off the controller for communication while the setting software (JXC Controller) is running.   **Do not connect or disconnect the cable while the setting software is running.**   The communication is being established continuously while the setting software is running.   Disconnecting the cable during communication may cause the software to become corrupt.

SMC

4. Software Removal

The following is the procedure to uninstall both the controller setting software and the driver.

4.1 Uninstallation of the controller setting software

1) Open the "Start menu" -> "Control Panel", then double-click on "Programs and Features" or click "Uninstall a program" (this varies according to the control panel).

2) Select "JXC Controller" from the list of "Add or Remove Programs". And then, select the "Uninstall".

3) Click "Yes (Y)".

4) When uninstallation of the controller setting software is completed, the uninstallation program will end automatically.

4.2 Uninstallation of the USB driver

If the controller is connected, the uninstallation of the driver might fail. Uninstall the driver with the controller disconnected, as follows:

1) Turn off the power supply to the controller. Open the "Start menu" -> "Control Panel", double-click "Programs and Features" or click "Uninstall a program" (this varies according to the control panel).

2) Select "Windows Driver Package- SMC CORPORATION (JXCUSBDRIVER)..." from the list of "Add or Remove Programs". Click on the "Uninstall".

3) The following screen is displayed. Select "Yes".
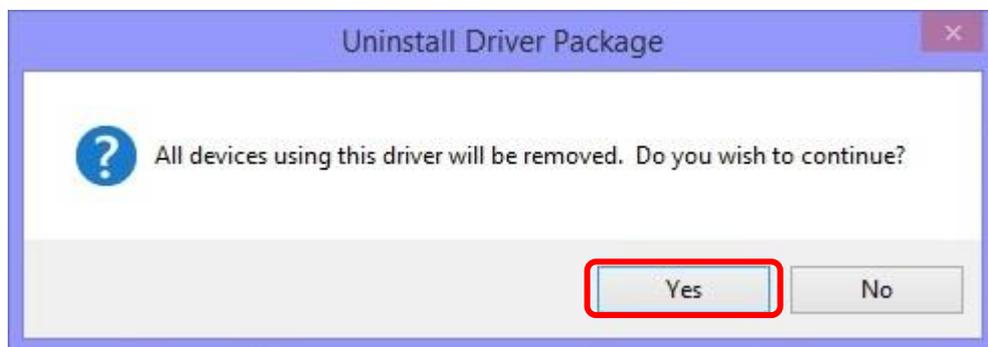
4) Program removal will be executed. When the removal is completed, "Windows Driver Package- SMC CORPORATION (JXCUSBDRIVER)." should have been removed from the list of "Add or Remove Programs".

⚠ Caution

Do not uninstall, with the power supply connected to the controller. The driver will not be uninstalled correctly.

SMC

SMC Corporation

4-14-1, Sotokanda, Chiyoda-ku, Tokyo 101-0021 JAPAN
Tel: + 81 3 5207 8249 Fax: +81 3 5298 5362
URL http://www.smcworld.com