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NOTE TO USERS

NI USB Switch Mainframe

Installation Information

This document describes how to install SCXI switches in the NI USB switch mainframe. The NI USB switch mainframe is based on the NI SCXI-1000/1001 chassis and the NI USB-1357/1358/1359 SCXI Controller/Adapter Kit. Components from both the chassis and the kit have been preassembled to create a plug and play NI USB switch mainframe.

Before using the NI USB switch mainframe, the driver software *must* be installed. Refer to the *NI Switches Getting Started Guide* for more information about installing driver software.

Installing Switch Modules

Complete the following steps to install SCXI switch modules in the NI USB switch mainframe.

1. Power off and unplug the SCXI chassis. Follow proper ESD precautions to ensure you are grounded before installing the hardware.
2. Touch any metal part of your chassis to discharge static electricity.
3. Insert a switch module with a 10-pin rear connector into the rightmost slot of the NI USB switch mainframe to control the switch modules in the chassis. Refer to Table 1 in the *NI Switches Getting Started Guide* to determine if your switch module has a 10-pin rear connector.

Note If you do not install an SCXI switch module with a 10-pin rear connector into the rightmost slot of the NI USB switch mainframe, you will *not* be able to control any of the switch modules in the chassis.

4. Insert any remaining switch modules into the unused slots in the chassis.
5. Power on the chassis.

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Note Power on the chassis *before* you connect the USB-1359 to your computer to auto-detect the USB-1359 and auto-create the chassis in MAX.

6. Connect one end of the USB cable to the USB-1359 and the other to a USB hub or a USB port on your computer.
7. Refer to the *NI Switches Getting Started Guide* to configure the switch modules.

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