

SCXI™-1362 Low-Voltage Backplane Adapter Kit

This guide shows how to install and clean your SCXI-1362 low-voltage backplane adapter kit.

Your SCXI-1362 Adapter Kit

With the SCXI-1362 adapter kit, you can connect your DMM to an SCXI module or create a multichassis low-voltage backplane.

The SCXI-1362 kit includes the following components:

- One SCXI-1362 adapter
- One SH9MD-9MD cable (round, 9-pin DIN connector)
- One LV8-BAN4 cable (not in the multichassis kit)
- One LV8-LV8 cable (only in the multichassis kit)
- Two small screws

If you ordered only the SCXI-1362 adapter, your kit will include the backplane adapter, but no cables.

You can make the following connections using your SCXI-1362 kit:

- Use the LV8-BAN4 cable to connect a DMM to the low-voltage analog bus (LVAB).
- Use the SH9MD-9MD cable to connect the digital communication signals from the DMM to the AUX IN connector.
- In multichassis configurations, use the LV8-LV8 cable to extend the LVAB to the next chassis.

Installing Your SCXI-1362 Kit

Figure 1 shows the components of your SCXI system and how to connect them.

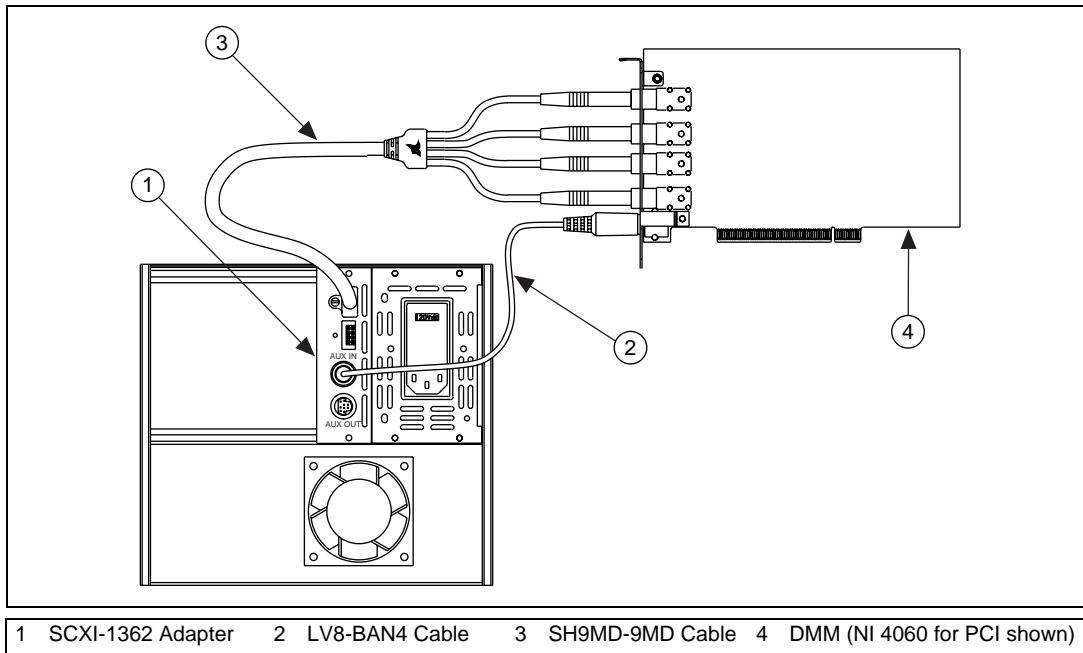


Figure 1. Installing Your SCXI-1362 Kit

Perform the following steps to install the SCXI-1362 kit:

1. Turn off the power to your computer and SCXI chassis.
2. Install your SCXI modules in the SCXI chassis, following the instructions in your module user manuals.
3. Plug the socket connector of the SCXI-1362 adapter board into the rear signal connector of the SCXI module.
4. Using the two screws included, secure the SCXI-1362 adapter board into the threaded strips in the rear of the SCXI chassis.
5. Connect one end of the SH9MD-9MD cable to the AUX IN connector of the SCXI-1362 adapter board.
6. Connect the other end of the cable to the AUX I/O connector of the DMM.

7. If you are not setting up a multichassis system, connect the LV8-BAN4 cable to the LV ANALOG connector on the SCXI-1362 adapter board and secure the screw. Connect the other end of the cable, the four banana plugs, to the banana jacks located on your DMM.
8. If you are setting up a multichassis system, connect the LV8-LV8 cable to the LV Analog connectors of both SCXI chassis, as shown in Figure 2.

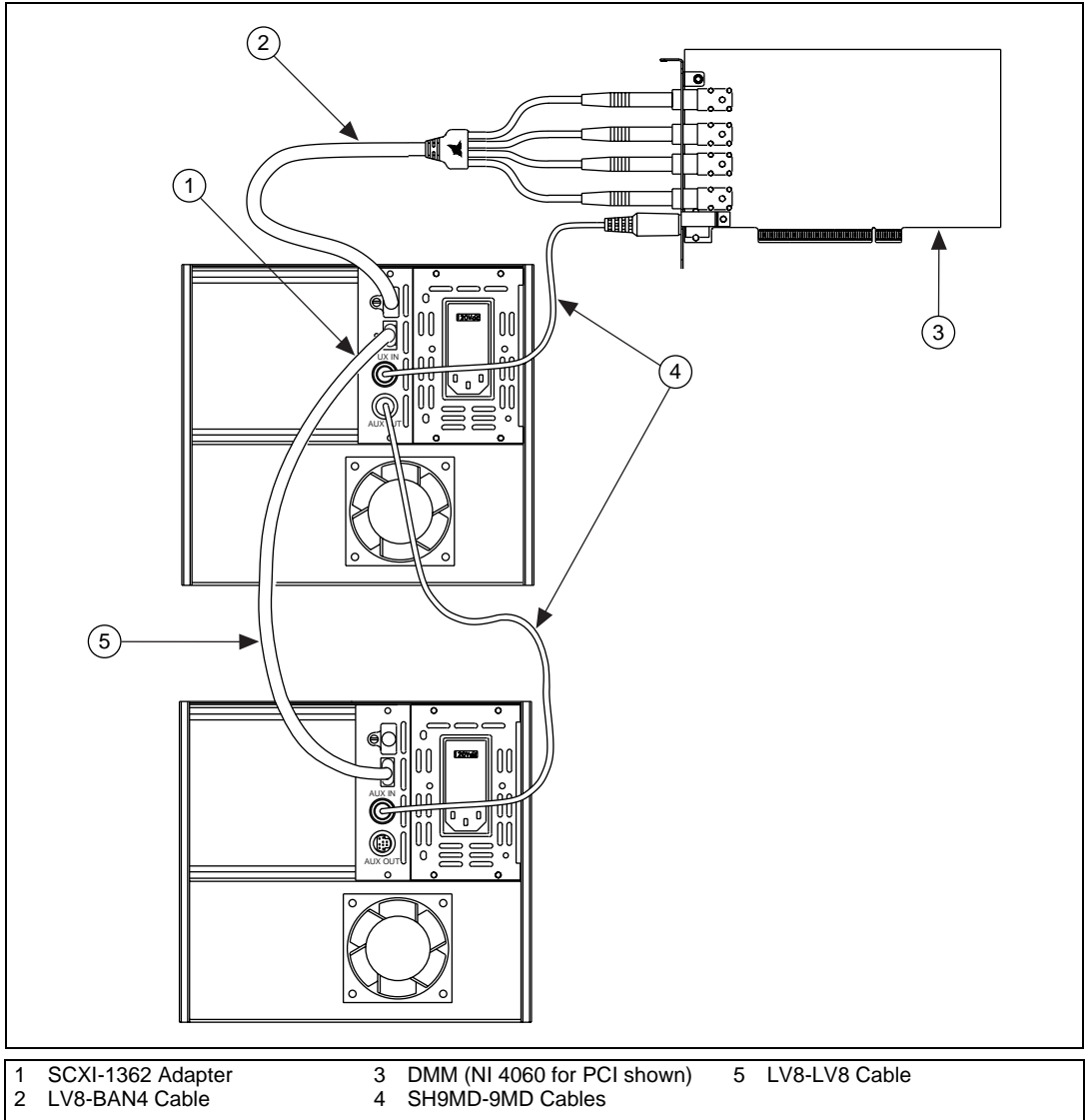


Figure 2. Installing Your SCXI-1362 in a Multichassis System

Cleaning the SCXI-1362 Adapter

To remove light dust, use a soft, nonmetallic brush. To remove other contaminants, use deionized water and a stiff nonmetallic brush. The unit must be completely dry and free from contaminants before returning to service.



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