

PXL-250/SB-293 Start-Up Checklist

This is a checklist for installing a PXL-250 or an SB-293 into an access control network. Please refer to the PXL-250 Quick Start Guide and PXL-250 Technical Reference manual and the SB-293 Quick Start Guide and SB-293 Technical Reference manual for the details on how to perform the tasks on this checklist.

Controller Verification

Before turning controller power on:

- o Verify all wiring connections are secure and are made to the correct TB pins.
- o Verify a good earth ground has been connected to TB-2, pin 3.
- o If the controller is not using a door contact switch, verify a door switch input jumper is connected to TB-4, pins 1 and 2.
- o Verify transient suppression has been installed on all electrical devices connected to a controller output.

If this is a PXL-250W Wiegand controller:

- o Verify the Wiegand reader voltage supply jumper is set correctly.

WARNING: Most Wiegand readers use 5 VDC. If 12 VDC is applied to a 5 VDC reader, the reader may be damaged. Keri Systems, Inc. cannot be held responsible for a reader damaged in this way.

If this is an SB-293 Satellite board:

- o If the controller is not using a door contact switch, verify a door switch input jumper is connected to TB-8, pins 1 and 2.
- o Verify JP12, the 2-Door/Input-Output configuration jumper, is set correctly: OFF for 2-Door control, ON for I/O.

Powering the controller for the first time:

- o Verify 12 VDC is supplied to the controller.
- o Reset the controller's RAM.
- o Set the controller's address.

If this is the Master Controller:

- o If an external modem is used for communication with the host computer, the modem must be connected and powered on before the controller is powered on. The modem and the controller cannot be powered on at the same time.
- o Verify the controller's address is set to 1.
- o Verify the Master Controller is the last one on the network to be powered on.

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Network/Host Computer Verification

NOTE: If a new controller is being added to an existing access control network or an SB-293 is being added to an existing controller, skip to the Adding a New Controller/SB-293 section near the bottom of page 2.

Host Computer:

- o Verify the host computer meets the Doors™ software hardware/operating system requirements.
- o Verify the COM port to be used for network communication is operational.
- o Verify the host computer's time and date are correct.

Doors/Network Configuration:

- o Verify the Doors™ software is installed.
- o Verify the Doors™ communication parameters are configured properly.

Under the Setup/System/System Configuration tab:

- o Verify the correct COM port has been selected.
- o Verify the communication speed has been set to 9600.
- o If a modem is being used, verify the correct Remote Phone Number has been entered.
- o Verify the Doors program has been restarted to configure the Doors™ program with the communication parameters.

- o Verify the access control network has been updated.

Under the Setup/System/Controllers tab:

- o Verify the Auto Config command has been performed.
- o Verify the Set Time command has been performed.

Under the Setup/System/Controller Status/Stat All command:

- o Verify all controllers and doors are recognized.

Once everything checks out, the access control network is ready for programming with the Doors™ database.

Adding a New Controller to an Existing Network or Adding an SB-293 to an Existing Controller

Under the Setup/System/Controllers tab:

- o Verify the Auto Config command has been performed.
- o Verify the Set Time command has been performed.

Under the Setup/System/Controller Status/Status command:

- o Verify the new controller and door is recognized.

- o Verify the door has been entered into the appropriate access group(s) as needed and any other database changes have been made.

- o Verify the access control network has been updated with the new database information.

Once everything checks out, the new controller or the SB-293 is ready for programming with the Doors™ database.