

# PXL-500/PXL-510: Firmware v8.4.43

## 1.0 PXL-500/PXL-510 Firmware v8.4.44

PXL-500/PXL-510 Firmware v8.4.44 corrects one problem:

1. When commands are sent from *Doors* to the master controller, there is “handshaking” between the two systems to ensure commands are received by the controllers, and to ensure commands are completed and data is received by *Doors*. For certain status commands, this handshaking was not being handled correctly resulting in unusual controller status results and possibly hanging *Doors* and the controller. Handshaking logic has been rewritten to ensure the process is handled correctly between controller and *Doors*.

## 2.0 Compatibility

- Firmware release 8.4.44 (PROM v8.4.44 and PIC v2.11) can only be used in PXL-500/PXL-510 controllers. The leading '8' digit in the release number indicates that this release is for the PXL-500/PXL-510.
- PROM 8.4.44 and PIC v2.11 are interconnected and both must be installed on a controller for proper operation.
- Firmware release 8.4.44 and *Doors* version 4.50 must be used together to enable all the new features offered by this firmware release.
- An SB-593 is compatible with both a PXL-500/PXL-510 and a PXL-250 (the extra row of connector pins on the SB-593 will “hang” over the PXL-250’s mounting holes).
- A PXL-500/PXL-510 can be added to any existing PXL-250 network and it will function just like a PXL-250. The PXL-500/PXL-510 has additional functionality in terms of card capacity and other features. If PXL-500s/PXL-510s are added to an existing PXL-250 network and the new features will be used (such as Temp Cards), then a PXL-500/PXL-510 must be installed as the master and any controller location that will use the function must also have a PXL-500/PXL-510 in place.
- If Alarm Control integration with a NetworX NX-8E alarm panel will be used, a PXL-510 **MUST** be used as the master. This is true for either a PXL-250 network, a PXL-500 network, or a mixed PXL-250/PXL-500 network. In a PXL-250 or a mixed network, any doors participating in alarm control must use a PXL-500/PXL-510.
- When implementing a PXL-500 system that will also incorporate EntraGuard telephone entry, the telephone entry unit is no longer required to be the master. PXL-250/EntraGuard mixed systems still require an EntraGuard as the master controller.

*NOTE: For specific compatibility information, refer to the Series 3 and 4 Compatibility Guide (P/N 01876-001).*

## 3.0 Known Issues

There are no known issues.