

PXL-500 / PXL-510: Firmware v8.4.51

Release Notes

1.0 Firmware Changes

PXL-500/PXL-510 Firmware v8.4.51 contains two fixes. These fixes are only needed on networks where an EntraGuard unit is in use:

1. On some EntraGuard Platinum units, performing a “Smart Update” on *Doors* would cause the keypad to lock up. The EntraGuard Platinum unit would display “Updating, please stand by” and remain in this state until either the power was cycled to the unit or a “Total Update” was performed from *Doors*. The cause of this type of situation has been fixed.
2. On some EntraGuard Titanium and EntraGuard Silver units, performing a “Smart Update,” “Total Update,” or “Operate Doors > Update Doors” on *Doors* would cause any future keypad commands to be ignored by the EntraGuard unit. The EntraGuard Titanium or EntraGuard Silver unit would remain in this state until power was cycled to the unit. This issue has been fixed.

NOTE: Upgrading the PXL-500/PXL-510 firmware to v8.4.51 requires the following associated upgrades only when an EntraGuard unit is in use in the network:

- **Doors Software v4.58**
- **EntraGuard Platinum v9.1.4**
- **EntraGuard Titanium/Silver v7.4.03**

2.0 Compatibility

- Firmware release 8.4.51 (PROM v8.4.49 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 8.4.51 and PIC v2.11 are interconnected and both MUST be installed on a controller for proper operation.
- Firmware release 8.4.51 and *Doors* version 4.58 or greater 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).

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3.0 Known Issues

There are no known issues.

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