

NXT Mercury Powered Firmware v1.27.2

Release Notes

1.0 Mercury Powered NXT (MSC) Controller Firmware Release

MSC controller firmware v1.27.2 addresses the following issue:

The PHY IC used by Keri's NXT and MSC controllers has gone end-of-life and was replaced by a newer PHY IC. Because of this, Mercury Security has made a change to the firmware to allow the firmware to detect and work with the new PHY IC.

This firmware revision is backwards compatible with older MSC controllers that are using the original PHY IC.

MSC controllers using the new PHY IC **must** use this firmware revision or greater. This firmware revision will not allow manual firmware downgrades to revisions earlier than v1.27.2 on MSC controllers using the new PHY IC. On these controllers it will only allow upgrades to newer firmware revisions.

2.0 Compatibility

NXT Controllers with firmware v1.27.2 are compatible with the following:

- Doors.NET Software v4.0.3.0 or greater
- NXT Readers - 4.00.03 or greater
- Standard Reader Interface Modules (RIMs) - 3.03.10 or greater
- Wiegand-Only Reader Interface Modules (RIMs)
 - 3.03.21 provides single-line LED support for Wiegand-Only RIMs
 - 3.03.10 provides dual-line LED support for Wiegand-Only RIMs4x4 I/O Modules - 3.00.03 or greater
- GIOX Motherboard - 1.00.21 or greater
- GIOX Input Module - 1.00.10 or greater
- GIOX Output Module - 1.00.10 or greater

NOTE: NXT Controllers are compatible with MS readers, 26-Bit Wiegand readers, and non-26-Bit Wiegand readers only when connected via an NXT-RIM.

3.0 Contact Keri Systems

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