



TECHNICAL FIELD BULLETIN



Date August 2008
Subject AuditLok XLV Data Bus Connectivity
Issue By NKL Cash Handling - a member of FireKing Security Group
Issue To NKL Sales; NKL Factory and Technical Service
Document 80803-0955

OVERVIEW

Data bus connectivity for AuditLok XLV system has been changed to improve communication quality and stability, particularly for locations with high digital noise or long data bus cable runs.

PRODUCTS AND SERIAL NUMBERS AFFECTED

All safes manufactured with AuditLok XLV electronics beginning with Serial Number SP2008032034

ACTION REQUIRED

No action is required in the field. Existing systems in the field should only be upgraded if the site suffers from ongoing communication problems between the “C” unit and one or more “R” units.

ADDITIONAL INFORMATION

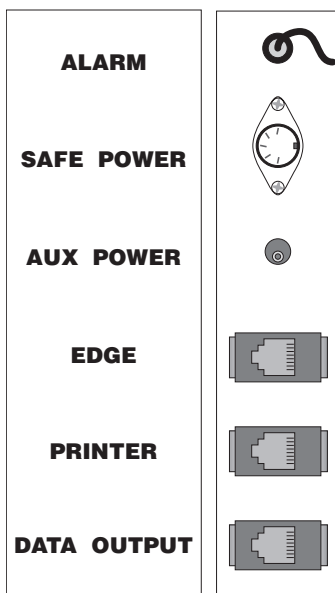
The attached document explains the new rear panel connections in complete detail. If you have any questions contact NKL Technical Service at 1-800-452-4655.



AUDITLOK XLV SAFE

External Connection Instructions

“C” Unit Rear Panel:



“C” Unit Safe Rear Panel Connections

ALARM: The unterminated cable, marked “Alarm,” may be connected to a store alarm system. The cable provides a “normally open” or “normally closed” signal which may be triggered by either duress or burglary.

SAFE POWER: Connect the external multi-level power supply to this 5-pin jack (8-pin on MaxVend).

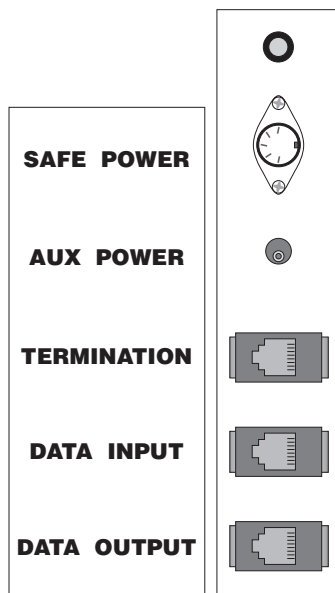
AUX POWER (EPR and Safes with Validators): Connect the validator power supply to this jack or for EPR units connect the EPR power supply to this jack.

EDGE: Connect to the external Lantronix network interface for remote network access via NKL Edge software or connect to an external modem for phone line access via NKL Edge software. Proper cable and adapters are provided with the Lantronix or modem device if applicable.

PRINTER: Connect to the serial printer. The required cable and adapter are included with the printer.

DATA OUTPUT: Connect the XLV data bus to the first “R” unit in the system, if applicable, using a standard RJ45/RJ45 cable. The “Add Device” procedure must be followed when connecting new “R” devices.

“R” Unit Rear Panel:



“R” Unit Safe Rear Panel Connections

SAFE POWER: Connect the external multi-level power supply to this 5-pin jack (8-pin on MaxVend).

AUX POWER (EPR and Safes with Validators): V1 or V2: Connect the validator power supply to this jack. For EPR units: connect the EPR power supply to this jack.

DATA OUTPUT: Connect the XLV data bus to the next “R” unit in the system, if applicable, using a standard RJ45/RJ45 cable. The “Add Device” procedure must be followed when connecting new “R” devices.

DATA INPUT: Connect the XLV data bus from the previous “C” or “R” unit in the system using a standard RJ45/RJ45 cable.

TERMINATION: An RJ45 “Termination plug” is provided with each “R” unit. This plug must be inserted in the “Termination” port on the last “R” unit in the data bus (an “R” unit that does not use the “Data Output”). This plug must not be installed on any “R” except the last “R” unit in the data bus.