

# Model XR500 Series Wiring Diagram

Refer to XR500 Series Installation Guide (LT-0681 1.27) for a complete description of wiring connections.

Refer to XR500 Series Programming Guide (LT-0679 1.17) for complete programming instructions.

## NFPA 72 OPERATING INSTRUCTIONS

The operating instructions should be located adjacent to the control unit or keypad.

## HOUSEHOLD FIRE WARNING

Recognized limited energy cable must be used for connection of all initiating, indicating, and supplementary devices.

## USE MARKING

Commercial and Residential Fire, Burglar, Holdup, and Access Protected Premise Unit

## Bell

12 VDC  
Minimum cutoff time 5 min.  
1.5 Amp Max

The plug-in transformer shall plug into a 120 VAC 60 Hz outlet not controlled by a switch and all 16 to 18 gauge wire shall run through conduit.

## TYPES OF SERVICE

Suitable for Local, Police Station Connect, Mercantile, and Proprietary with 350H Enclosure.

Central Station DACT service may be provided using 350H Attack Resistant enclosure.

Suitable for Proprietary, PPU, other technologies, local.

Suitable for Signaling and Remote Station PPU DACT Service.

Suitable for manual fire alarm, automatic fire alarm, sprinkler supervisory, or water flow alarm.

Suitable for Standard or Encrypted Central Station with NET or CELL communication.

Suitable for Bank Safe and Vault Service with 350H Enclosure.

Suitable for Household Fire and Household Burglary.

Suitable for Coded and March Time signaling.

SIA CP-01-2010 minimum system is XR500, listed local Bell, and off premise DACT communication to an SCS-1R receiver plus listed compatible keypads as indicated in the installation guide.

Intended Installation Environment - Indoor/Dry

## WARNING

THIS UNIT MAY BE PROGRAMMED TO USE AN ALARM VERIFICATION FEATURE THAT RESULTS IN DELAY OF THE SYSTEM ALARM SIGNAL FROM THE INDICATED CIRCUITS. THE TOTAL DELAY (CONTROL UNIT PLUS SMOKE DETECTORS) SHALL NOT EXCEED 60 SECONDS. NO OTHER SMOKE DETECTOR SHALL BE CONNECTED TO THESE CIRCUITS UNLESS APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ).



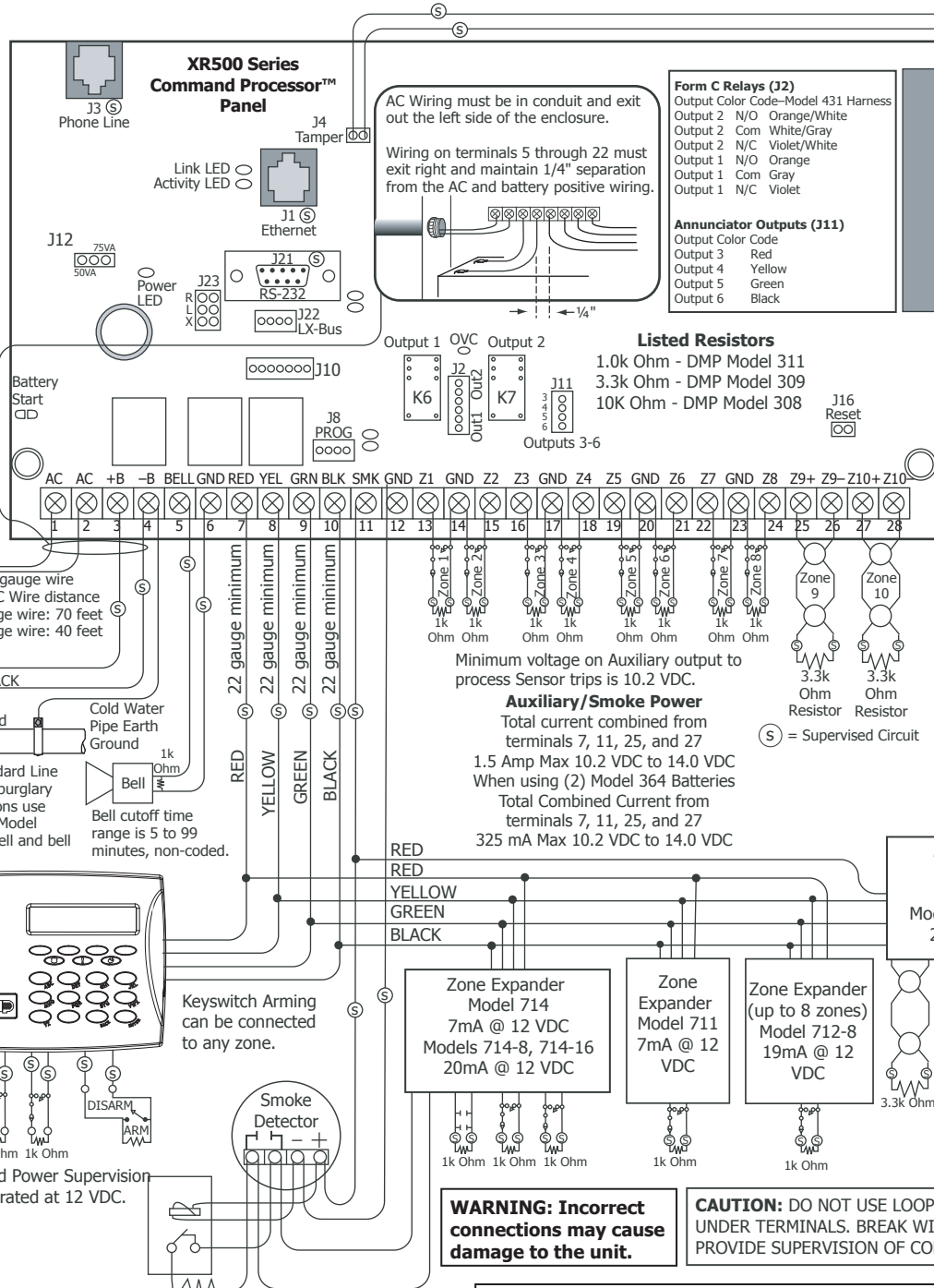
Digital Monitoring Products, Inc.

Fire Alarm and Security Equipment



Conforms to:  
ANSI/SIA CP-01-2010

The total current combined from Auxiliary and Bell Power cannot exceed:  
Burglary/Access/Household Fire: 1.3 Amps with a 50 VA transformer, 1.0 Amp Max for Auxiliary Power  
Commercial Fire: 1.2 Amps with a 56 VA transformer, .5 Amp Max for Auxiliary Power and .7 Amp Max for Bell



**WARNING: Incorrect connections may cause damage to the unit.**

**CAUTION: DO NOT USE LOOPED WIRE UNDER TERMINALS. BREAK WIRE RUN TO PROVIDE SUPERVISION OF CONNECTIONS.**

## FCC IDENTIFICATION

Digital Monitoring Products, Inc.  
Model XR500 & XR500N Command Processor  
Ringer Equivalence: 0.0B  
Use standard jack: USOC RJ31X  
This unit complies with CFR 47 Part 68, FCC Rules as of date of manufacture.

Date of Manufacture: \_\_\_\_\_  
FCC Reg. No: US: CCKAL00BXR500  
Engineered and Assembled in USA

## POWER LIMITED

This unit has been tested by Underwriter's Laboratories and found to comply with the requirements for inherent power limitation.



CSFM  
7165-1157:123  
7167-1157:127

Accepted For Use  
New York City  
(FDNY COA #6123)  
FDNY COA #6145