

Model XR20 Wiring Diagram

Refer to the XRSuper6/XR20/XR40 Installation Guide (LT-0624) for a complete description of wiring connections.

Refer to the XRSuper6/XR20/XR40 Programming Guide (LT-0305) for complete programming instructions.

USE MARKING

Household Fire and Burglary Warning System Control Unit.

Commercial Burglar and Holdup Alarm System Control Unit.

TYPES OF SERVICE

When used with the 350A Enclosure: Suitable for Local and Police Connect Mercantile Premises with Standard Line Security, Local and Police Connect Mercantile Safe and Vault with Standard Line Security, DACT Central Station and proprietary.

Suitable for Household Fire and Household Burglary. Test weekly. Suitable for Standard Line Security. SIA CP-01-2000 minimum system is XR20 with listed local Bell, and off premise DACT communication to an SCS-1R receiver plus ANSI/SIA CP-01-2000 classified compatible DMP keypads as indicated in the installation guide.

DMP Transformers

Model 321 16.5 VAC 40 VA Class 2 plug-in.

Model 320 16.5 VAC 40 VA Class 2 wire-in.

Secondary Power Supply

1.2 Amps max. charging current. Use only 12 VDC rechargeable batteries. DMP Model 367. Replace every 3 to 5 years.

Household System

An alarm sounding device must be installed indoors so that it is clearly heard in all sleeping areas.

NFPA 72

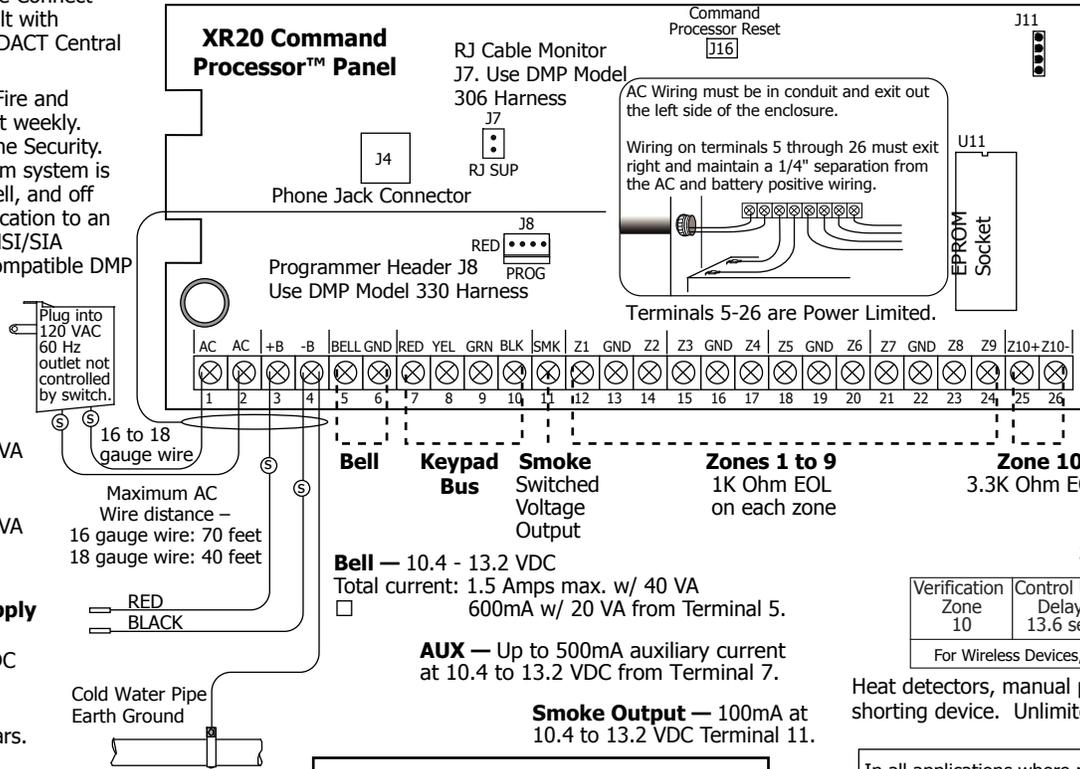
This equipment should be installed in accordance with Chapter 2 of the National Fire Alarm Code, ANSI/NFPA 72-1996, (National Fire Protection Association, Batterymarch Park, Quincy, MA 02269). Printed information describing proper installation, operation, testing, maintenance, evacuation planning, and repair service is to be provided with this equipment. Warning: Owner's instruction notice, not to be removed by anyone except occupant.

HOUSEHOLD FIRE WIRING

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

POWER LIMITED

All circuits on the Model XR20 comply with the requirements for inherent power limitation and are Class 2.

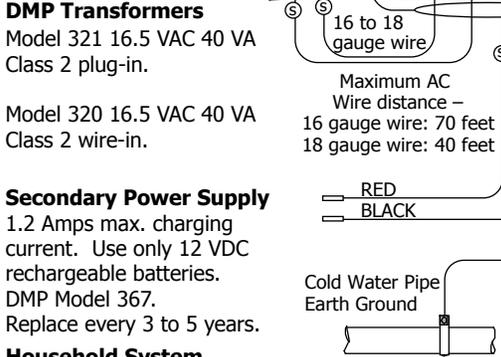


Zone 10 compatibility identifier: A

Maximum operating range: 8.8 VDC - 14.2 VDC.

See the XR20 Installation Guide (LT-0624) for a list of approved 2-wire smoke detectors.

Minimum voltage on Auxiliary output to process Sensor trips is 10.2 VDC.



Bell — 10.4 - 13.2 VDC
Keypad Bus
Smoke Switched Voltage Output
Zones 1 to 9 1K Ohm EOL on each zone
Zone 10 3.3K Ohm EOL

Bell — 10.4 - 13.2 VDC
 Total current: 1.5 Amps max. w/ 40 VA
 600mA w/ 20 VA from Terminal 5.
AUX — Up to 500mA auxiliary current at 10.4 to 13.2 VDC from Terminal 7.
Smoke Output — 100mA at 10.4 to 13.2 VDC Terminal 11.

UL Listed Resistors
 1.0k Ohm - DMP Model 311
 3.3k Ohm - DMP Model 309

Verification Zone	Control Unit Delay	Smoke Model	Detector Delay
Zone 10	13.6 sec.		sec.

For Wireless Devices, Control Unit delay is 0 (zero).

Heat detectors, manual pull stations, or any other shorting device. Unlimited number of units.

In all applications where more than one wire is under a terminal, the wire must be cut, and not looped around the screw terminal.

Digital Monitoring Products, Inc.

SECURITY SIGNALING

UL LISTED

Fire Alarm and Security Equipment

Also classified in accordance with ANSI/SIA CP-01-2000

29V6

FCC IDENTIFICATION
 Command Processor
 Model XR20

This unit complies with Part 68, FCC Rules as of date of manufacture. FCC Registration No: CCKUSA-18660-AL-R
 Ringer Equivalence: 0.3B
 Digital Monitoring Products, Inc.
 Engineered and Assembled in USA. Use standard jack: USOC RJ31X

CSFM
 7167-1157:103

Date of Manufacture: _____

WARNING
 THIS UNIT MAY BE PROGRAMMED TO USE AN ALARM VERIFICATION FEATURE THAT RESULTS IN A 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 AHJ (AUTHORITY HAVING JURISDICTION).