## MODEL XR10 WIRING DIAGRAM

Refer to the XR10 Installation Guide (LT-0229) for a complete description of wiring connections. Refer to the XR10 Programming Guide (LT-0230) for complete programming instructions.

Household Fire Warning

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STAY INSTANT BYPASS CODE

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**POWER LIMITED** This equipment should be installed in accordance with Chapter 2 of the National Fire Alarm UL Recognized limited energy All circuits on the Model Code, ANSI/NFPA 72-1996, (National Fire Protection Association, Batterymarch Park, Quincy, cable must be used for connection XR10 comply with the MA 02269). Printed information describing proper installation, operation, testing, maintenance, of all initiating, indicating, and supplementary devices. requirements for inherent evacuation planning, and repair service is to be provided with this equipment. Warning: Owner's power limitation. instruction notice, not to be removed by anyone except occupant. Types of Service Output Header J11 When used with the 350A Enclosure: J11 J16 All outputs must be connected • suitable for Grade A Local and Police Command Processor Reset to devices located within the RJ Cable Monitor J7 Connect Mercantile Premises with basic same room as the control Use DMP Model 306 Harness line security, Grade A Local and Police Connect Mercantile Safe and Vault with J7 basic line security, Grade B Central • AC wiring must be in conduit and exit Use DMP Model 300 Harness. out the left side of the panel enclosure. Station and Grade A proprietary. See ٠ sections 17.3, 18.6, 19.2, and 19.5 -Wiring on **RJ SUP** terminals 5 - 26 19.7. must exit to the Front Tamper **Phone Jack Connector** right and Suitable for Household Fire and Grade A naintain a 1/4" separation from U11 Household Burglary. Test weekly. the AC and battery positive Plug into wiring. EPROM Socket DMP transformers: 120 VAC J8 Model 320 outlet not Rear Tamper 16.5 VAC 40VA controlled Class 2 wire-in Programmer Header J8 by switch. Use DMP Model 330 Harness Model 321 16.5 VAC 40VA -B BELL GND RED YEL GRN BLK SMK Z1 GND Z2 Z3 GND Z4 Z5 GND Z6 Z7 GND Z8 Tamper protection when Class 2 plug-in required for Model 350A Attack Resistant Model 324 Enclosure 16.5 VAC 20VA Class 2 plug-in 16 - 18 gauge wire Zone 10 compatibility identifier: A ZONE YELLOW Secondary Power GREEN BLACK 2 9  $\infty$ 6 Supply Maximum AC wire distance BLACK ZONE ZONE ZONE ZONE ZONE ZONE ZONE ZONE ZONE Maximum operating range: 1.2 Amps max. With 16 gauge wire: 70 feet ZED A 8.8 VDC - 14.2 VDC. charging current With 18 gauge wire: 40 feet Z Z Z Use only 12 VDC Z 2-wire lγγνΙ lΨΝ lγγ lγγ MM  $\sim$ rechargable lγγνΙ MM smoke batteries, DMP 1ΚΩ 1ΚΩ  $1K\Omega$   $1K\Omega$ 1ΚΩ  $1K\Omega 1K\Omega$  $1K\Omega$ GA. GA. GA. Cold Water Pipe detector Model 367, Replace Earth Ground 22 22 22 22 every 3 - 5 years. Smoke Output Lγγ 1ΚΩ 100mA @ 10.4 - 13.2 VDC See section 11.1 in the XR10 Bell Red Terminal 11 Installation Guide (LT-0229) for a list of 10.4 - 13.2 VDC approved 2-wire smoke detectors. Total current: Black 1.5 Amps max. w/ 40 VA Bell 4-wire smoke detector Heat detectors, manual pull 600mA w/ 20 VA Power stations, or any other shorting Detecto Up to 500mA auxiliary Supervision device. Unlimited number of units. Household System current at 10.4 - 13.2 Relay An alarm sounding VDC from Terminal 7. device must be installed Verification Control Smoke Detector indoors so that it is Zone Unit Delay Model Delay

> 3.3k Ω DMP Model 309

clearly heard in all sleeping areas.

Kevpads Models 670, 770, 771. 100mA @ 8 - 16 VDC 125mA with display lit

Models 690, 790, 791, 793 100mA @ 8 - 16 VDC

Model 692 75mA @ 8 -16 VDC WARNING

13.6 sec.

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 UNITS PLUS SMOKE DETECTORS) SHALL NOT EXCEED 60 SECONDS, NO OTHER SMOKE DETECTOR SHALL BE CON-**NECTED TO THESE CIRCUITS UNLESS** APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION.

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