

# Model XR5FC Wiring Diagram

Refer to the XR5FC Installation Guide (LT-0299) for a complete description of wiring connections.  
 Refer to the XR5FC Programming Guide (LT-0312) for complete programming instructions.

## NFPA 72

This equipment should be installed in accordance with Chapter 9 of the National Fire Alarm Code, ANSI/NFPA 72-1993, (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 shall not be removed by anyone except occupant.

## 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. NOT OTHER SMOKE DETECTOR SHALL BE CONNECTED TO THESE CIRCUITS UNLESS APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION.

## TYPES OF SERVICE

Central Station DACT Remote Station Signaling Service. Suitable for manual fire alarm, automatic fire alarm, sprinkler supervisory, or waterflow alarm.

See Section 11.4 in the XR5FC Installation Guide (LT-0299) for a complete list of approved 2-wire smoke detectors.

Verification Zones	Control Unit Delay	Smoke Model	Detector Delay _____ sec.
_____	13.6 sec.	_____	_____

## POWER LIMITED

All circuits on the Model XR200 comply with the requirements for inherent power limitation and are Class 2 except the red battery wire.

## Keypads

Model 690 LCD Keypad

Model 692F LED Keypad  
30mA at 8 to 16 VDC.

LED Keypads and up to two alpha keypads can be connected to the XR5FC.

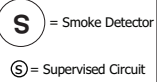
Heat detectors, pull stations, or other contact devices listed for Fire Protective Signaling can be connected to zones 1 to 5.

Zones 2 to 5 compatibility identifier: **A**

Maximum operating range: 8.8 VDC to 14.2 VDC

## Bell Circuit

1.5 Amps at 12 VDC  
Minimum cutoff time 5 minutes.



## DMP Transformer

Model 320 16.5 VAC  
40 VA Wire-In.  
Direct connect to unswitched 120 VAC 60 Hz

## Model 866 Class B (Style W) Notification Circuit Module

37mA @12 VDC  
Normal/Silence Switch

## 866 Module

- 1 AUX PWR
- 2 GND
- 3 Alarm In
- 4 Bell PWR In
- 5 Bell Out +
- 6 Bell Out -
- 7 Bell Trouble
- 8 Bell Trouble

