ADEMCO GROUP
COMMERCIAL SYSTEMS DIVISION

An ADEMCO Group Company

5120XM
Commercial Fire and Burglary Control Communicator

The model 5120XM is a microprocessor based, UL Listed fire and burglary control communicator that supports 5 hardwired zones. The control is fully supervised and supports one two-wire smoke detector circuit. Also supported are two supervised phone circuits, audible signal circuits for ADA compliant strobes and an auxiliary form C relay. It is ideally suited for small applications as an independent fire alarm, emergency alarm, sprinkler sensors supervisory control or as a burglary alarm. The control continuously monitors system status and activates local sounders as well as transmitting messages to central station of trouble, alarm or supervision.

A powerful combination fire and burglary control for small applications.

Key Features:

- ◆ Five hardwired zones
- ◆ Seven user codes
- ◆ One partition
- ◆ One authority level
- ◆ Temporal code compliant

- ◆ Supervised digital dialer
- ◆ Dual digital dialer
- ◆ One Notification Appliance Circuit
- ◆ UL Commercial Fire and Burglary listed
- ◆ Available in 12V and 24V versions

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APPLICATIONS

The 5120XM Fire and Fire Control Communicator is well suited for a variety of applications. A diverse line of ADEMCO alarm notification appliances as well as initiating devices supports this powerful control. Some of the applications supported are retail stores, libraries, fast food chains, medical or professional office suites or factory and warehouse environments.

INSTALLATION

The 5120XM Fire and Burglary Control Communicator has been designed to mount both quickly and easily. It meets all applicable requirements for UL Commercial Fire and Burglary installations as well as NFPA 72 requirements.

SPECIFICATIONS
Electrical:

24V ratings
Primary Power:

— 120VAC, 60Hz, 2.5A max
— Secondary rated 18VAC, 40VA, 30VAC, 188VA

Backup Battery:

— 12VDC, 7AH min to 17.2AH max
  Lead acid battery (gel type)

Charging Voltage:

— 27.0 - 27.6 VDC

Alarm Power:

— 24VDC, 1.7A max for bell output

Aux. Standby Pwr.:

— 400mA max

Total Power:

— 2.7A from all sources

12V ratings
Primary Power:

— 120VAC, 60Hz, 600mA max
— Secondary rated 18VAC, 40VA

Backup Battery:

— 12VDC, 7AH min to 14AH max

Charging Voltage:

— 13.7VDC, nominal

Alarm Power:

— 12VDC, 1.0A max for bell output

Aux. Standby Pwr:

— 12VDC, 350mA max

Total Power:

— 1.0 A max from all sources
— Type: Form C

Standby Time:

— 24 hours with 1A standby load or 60 hours with 210mA max standby load using 14AH battery

Fusing:

— Battery input, aux. and bell outputs are protected using PTC circuit protectors. All outputs are power limited.

Dialers:
Line Seize:

— Double Pole

Ringer Equiv.:

— 0.7B

Formats:

— ADEMCO Low Speed, ADEMCO 4+2 Express, ADEMCO High Speed, ADEMCO Contact ID, Sescoa and Radionics

Mechanical:
Cabinet Dimensions:

— 14.5îH X 12.5îW X 3îD

Environmental:
Storage Temp:

— -10°C to 70°C

Operating Temp:

— 0°C to 50°C

Humidity:

— 85% RH

EMI:

Meets or exceeds the following requirements:
— FCC Part 15, Class B Device
— FCC Part 68
— IEC EMC Directive

AGENCY LISTINGS
Fire:

— UL864/NFPA72 Central and Remote Station DACT and Local, Central Station and Remote Station Control
— Factory Mutual
— California State Fire Marshall

Burglary:

— UL609 Grade A Local Merchantile Premises and Merchantile Safe and Vault
— UL611/1610 Grade B Central Station Burglary Alarm Service
— UL365 Grade A Police Connect Burglary Alarm Service

COMPATIBLE DEVICES

— The complete line of ADEMCO hardwired sensors support the 5120XM for Commercial Fire and burglary applications.

ORDERING INFORMATION

Part No.	Description
5120XM	Fire and Burglary Control Communicator
5120XM-PAK2	consisting of:
	5120XM, 6139R Red Alpha Keypad

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