

# CP 3000/ CP 3000D FIRE ALARM CONTROL PANEL



## OVERVIEW

The CP 3000 is an intelligent Fire Alarm Control Panel suitable for any type occupancy regardless of size. The versatility, network integration, and scalability make it ideal for virtually any application.

The CP 3000 will support up to 1024 addressable devices and repeaters while providing true network operation and communication. Network operation includes wireless command signals to repeaters for activation of control functions such as appliance circuits, elevator recall, HVAC control, and more. The 3000 allows for the reporting of up to four separate alarm types and provides for event memory recall of alarm, supervisory, and all control functions.

The CP 3000 incorporates dual transceiver technology and utilizes FHSS (Frequency Hopping Spread Spectrum) signaling as well as reception protocols to assure the most secure and reliable fire alarm network available. The System 3000 meets all National Code Requirements and is UL Listed for Local, Remote Station, Central Station, Auxiliary Service, Manual, Waterflow and Sprinkler Supervisory.



## CP 3000 FEATURES

THE CP3000 OFFERS

- **UL 864/1730 9th Edition Listed**
- 1024 Device Capability
- 4 Alarm Types
- Bi-Directional RF Communication
- 900 MHz Frequency Hopping Spread Spectrum Format
- CRC Data Validation
- Dual Transceiver Design
- Tandem Smoke Detector Control
- 24 or 60 Hour Battery Standby Time
- Field Selectable NACs Voltage and Class
- 4 N.O. Alarm Dry Contact Outputs
- 2 Form C Programmable Dry Contact Alarm Outputs
- 2 Form C Trouble Outputs
- Auxiliary Municipal City Box Output
- Time and Date with Daylight Savings Self Adjustment
- Device Enrollment Feature
- Password and Key Lock Protected Non-volatile Memory
- Field Programmable
- **History of events for:**
  - 1000 Alarm/Supervisory Signals
  - 1000 Trouble Signals
  - 1000 Test Log Signals
  - 2000 All Event Log Report

## CP 3000D FEATURES

IN ADDITION TO CP3000 FEATURES, THE CP3000D OFFERS

- Point Specific Fire Alarm Reporting
- Pinpoint Off-Site Annunciation
- SIA Format Event Reporting
- Supervised Dialer Interface
- Test Mode Automatically Times out in 4 Hours
- Compatible with Keltron SDACT Communicator

UL Listed

NFPA Approved

CSFM Approved

NY Fire Department Approved

FIRE DETECTION TECHNOLOGY. RE-INVENTED.

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## SPECIFICATIONS

- Power Source: 120 VAC 60Hz 4 Amp dedicated circuit
- Battery Type: Two 12Vdc 4Ah sealed lead acid batteries connected in series for up to 24 hours standby operation or two 12Vdc 7Ah sealed lead acid batteries connected in series for 60 hours standby operation
- **Special Application NACs:**
  - Programmable Non Power Limited. 1 Class "A" (Style Z) or 2 Class "B" (Style Y) Field selectable
  - Class A ratings: 12 Volts DC @ 1.75 Amps or 24 Volts DC @ 1 Amp
  - Class B ratings: x12 Volts DC @ 1.75 Amps each or 24 Volts DC @ 1 Amp each
- **Regulated NACs:**
  - Programmable Non Power Limited. 1 Class "A" (Style Z) or 2 Class "B" (Style Y) Field selectable
  - Class A ratings: 12 DC @ 175 Milliamps each 24 Volts DC @ 100 Milliamps
  - Class B ratings: 12 Volts DC @ 175 Milliamps each or 24 Volts DC @ 100 Milliamps
- **Dry Contact Alarm Relays:**
  - 4 N.O. non-programmable rated 30 Vdc @ 1 Amp. resistive
  - 2 Form "C" programmable rated 30 Vdc @ 1 Amp. resistive
- **Dry Contact Trouble Relays:**
  - 2 N.O. non-programmable rated 24 Vdc @ 1 Amp. resistive
  - 2 N.C. non-programmable rated 24 Vdc @ 1 Amp. resistive
- Auxiliary output: Current 300 ma. Max coil resistance 14.6 ohms
- Transceiver Operating Frequency: 900 MHz band
- Antenna Type: Omni
- Enclosure: Powder coated 16 gauge steel
- Transmission: Complies to FCC Part 15

Height 17" | Width 17" | Depth 3.25" | Weight 29 lbs.

**WIRELESS SIGNALING SYSTEM FLOWCHART**

