

# FA148CP/FA148CPSIA

ENHANCED CONTROL PANEL WITH HARDWIRE AND WIRELESS EXPANSION & UNIQUE, INNOVATIVE END-USER FEATURES



First Alert Professional's FA148CP/FA148CPSIA is the ideal control panel for any residential or small commercial installation. Hardwired expansion, graphic keypad support, two-wire smoke detectors, scheduling options and a host of end-user and installer features separate the FA148CP/FA148CPSIA from all other six-zone controls. It is compatible with the 7845i Internet Communicator and the 7845GSM Digital Cellular Communicator for alarm reporting.

## FEATURES:

- Six on-board hardwired zones
  - 16 hardwired expansion zones
  - 26 wireless expansion zones
- Supports two graphic keypads
- Eight independent keyfob zones allow wireless keys to be programmed without using any of the 32 zones
- Eight output devices
  - Relays (Model 4204 Relay Modules, or 4229 Expansion Module), and/or X-10® devices (when used with a 1361X-10 Transformer)
- Two low current on-board trigger outputs
- Event log allows most recent 50 selected events to be viewed via Compass or alpha/graphic keypad
- SIA ready and SIA compliant versions available. Programmable to meet SIA false alarm prevention specifications. To comply with ANSI/SIA CP-01-2000 order part number FA148CPSIA.

- 32 system user codes
- Two installer configurable zone types allows the installer to create custom zone types by assigning all zone attributes
- Multiple actions on output devices depending on system state
  - Turns light off when system arms
  - Turns same lights on when system disarms
  - Flashes same lights when system is in alarm
- Built-in phone line cut monitor with programmable delay and annunciation options
  - Display on system keypads
  - Trigger local sounders
  - Trigger system bell
- Supports four-wire, and up to 16 two-wire smokes
- Automatic System Load Shed
  - During extended AC power failure, the system battery will be disconnected to prevent irreversible battery failure
  - Reduces service calls to replace batteries
- Dynamic Signaling
  - Reduces redundant reporting to the central station when multiple reporting methods are used; i.e. digital dialer and AlarmNet Radio

## Valuable End-User Features

- Viewable on system keypads:
  - Exit countdown
  - Time and date display\*
  - Event log\*
- Keyswitch arming
- Programmable functions using A, B, C or D buttons of compatible keypads:
  - Panics
  - Step Arming
  - Single Button Arming
  - Macros
- A variety of wireless remote controls for single-button operation
- User Scheduling
  - Automatically activates X-10 and relays at programmed times
  - Latch-key reports to pagers
  - Auto arm/disarm
  - User access time windows
- Supports up to two numeric pagers
- VIP Module allows system control from any touchtone phone
- Chime by zone

*\*Requires custom alpha or graphic keypad*

## ORDERING:

<b>FA148CP</b>	32 Zone Control Panel
<b>FA148CPSIA</b>	32 Zones SIA compliant

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## SPECIFICATIONS:

### Electrical

- 16.5VAC/25VA transformer
- Aux. power 12VDC, 600mA maximum
- Alarm output 12VDC, 2.0 amps maximum

### Output Control

- Supports a maximum of eight output devices (combination of relays and/or X-10) plus two onboard triggers

### Zones

- Six hardwired zones
- Selectable response: 10msec, 350msec, 750msec
- 16 selectable zone types plus two configurable zone types

### Accessories

- 4204 – Up to four relays – 15mA standby (each active relay draws an additional 40mA)
- 4219 – Eight hardwired zones – 30mA
- 4229 – Eight hardwired zones and two relays – 100mA (relays on) / 30mA (relays off)
- 4286 VIP Voice Module – 300mA/220mA
- 5881ENL supports up to eight zones – 60mA
- 5881ENM supports up to 16 zones – 60mA
- 5881ENH supports up to 26 zones – 60mA
- 5883H Transceiver supports up to 26 zones – 80mA
- Supports UVS – 110mA/75mA

### Keypads

- FA220KP Fixed English LCD – 55mA/30mA
- FA270KP Fixed English LCD – 100mA/40mA
- FA270RF Fixed English RF LCD – 95mA/75mA
- FA270VKP Fixed English Voice – 160mA/60mA
- FA271KP Fixed English with one built in zone – 80mA/35mA
- FA570KP Custom Alpha - 150mA/40mA
- FA570RF Custom Alpha RF LCD – 150mA/50mA
- FA570VKP Custom Alpha Voice – 190mA/60mA
- FA574KP Custom Alpha with 4 built-in zones – 190mA/55mA
- FA700KP TouchCenter Graphic Display 280mA/180mA
- FA701VKP Graphic Touchscreen – 210mA/105mA
- FA850KP Symphony – 400mA/150mA

### Smoke Detectors

- Supports up to 16 two-wire smoke detectors
- Supports four-wire smoke detectors

### Agency Listings

- UL Residential Fire, Burglary and CSFM
- UL Commercial Burglary if used with FAULKKT
- UL 1023 – Household Burglary (US and Canada)
- UL 985 – Household Fire (US)
- ETL
- CSFM
- CAN/ULC S304 – Central and Monitoring Station Burglar Alarm Unit
- CAN/ULC S545 – Household Fire
- CAN/ULC S303 – Local Burglar Alarm Unit
- CAN/ULC S525 – Audible Signal Appliances



### If used with FAULKKT:

- UL 609 – Grade A Local Mercantile Premises and Mercantile Safe and Vault
- UL 1610 – Grades A, AA Central Station
- UL 365 – Grades A, AA Police Connect

### Communications

- Compatible with 7845i/7845i-ent Internet Communicators and the 7845GSM Digital Cellular Communicator
- Touchtone or pulse
- True dial tone detection
- Formats supported
  - ADEMCO Contact ID
  - ADEMCO 4 + 2 Express
  - ADEMCO low speed
  - SESCOA/Radionics
- 3+1,4+1 and 4+2 reporting
- Reporting capabilities
  - Split, dual, split/dual
  - Dynamic signalling
  - Split/Dual – True dial tone detection
- Low battery reports 11.2 – 11.6VDC
- AC loss and restoral reporting supported