

FA1660CT

PARTITIONED BURGLARY CONTROL PANEL FOR RESIDENTIAL AND COMMERCIAL APPLICATIONS



The FA1660CT is a powerful member of the First Alert Professional family of commercial alarm panels, integrating burglary, CCTV and access control functions. Many features are available that extend the applications of the FA1660CT while simplifying end-user operation. The FA1660CT are Listed for residential burglary, residential fire and commercial burglary applications (see agency listings in this document for more details). They are compatible with a wide range of AlarmNet communications products for alarm reporting, uploading/downloading and remote services.

NEW FEATURES:

- Onboard 9600 bps serial port (4100SM not required)
- Supports up to six FA702 or later graphical keypads
- Telco line cut detection

STANDARD FEATURES:

- Supports IP uploading/downloading using panel's ECP (keypad) bus—no additional wiring or equipment is required
- Employs enhanced two-way RS232 protocol for use with facility and home automation systems (Crestron®, etc.)
- New zone type for CO (carbon monoxide)
- Ringback support for AlarmNet communicators (confirmation of closing report)
- 24-hour dialer test support for AlarmNet devices
- Nine hardwired zones built-in
 - zone 1 can support up to 16 two wire smokes or other zone types
 - zones 1-8 can support four wire smokes
- Expands up to 128 zones maximum with 5800 wireless and/or V-Plex® devices
- 150 user codes with seven levels of authority
- Eight partitions that offer multiple user access, log-in ability from other partitions and global arming/disarming

- Master partition option (partition 9) which allows viewing the status of the other eight partitions simultaneously from one alpha keypad
- One partition can be assigned as the common lobby which allows other partitions to arm while leaving the common area disarmed until all partitions have armed
- Flexible zone attributes include arming with the zone faulted, vent zone re-arm (the zone is active when restored), bypass in one of three stay modes, bypass if auto-stay is enabled, be a silent zone or be included in one of 15 bypass groups
- Event log allows most recent 512 selected events to be viewed via compass or alpha/graphic keypad, or to be printed from the panel
- Various levels of access control: one relay per partition can be assigned to activate momentarily when entering a valid user code followed by the 0 (zero) key; up to eight access control schedules can be created limiting the times user codes are valid; support for up to eight VistaKey modules and 250 cards
- Provides 96 outputs using 4204 relays, FSA modules, V-Plex relays and/or X-10 devices (X-10 requires 1361X10 transformer)
- Supports a serial printer output

Valuable End-User Features

- Supports remote services using Total Connect
- Total Connect 2.0 ready
- Supports 4286 VIP module
- Supports up to 32 keypad macros, each with up to 32 keystrokes, simplifying use of the system
- Cross zoning option (up to four pairs of zones), helps prevent false alarms
- Scheduling and output control
- Supports 4146 dual led keyswitch in one partition
- Supports up to eight pager telephone numbers. Numeric paging is sent directly from the panel.

ORDERING:

FA1660CT

Partitioned Burglary Control Panel (UL Listed)

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SPECIFICATIONS:

Electrical

- 16.5VAC/40VA transformer (1361 - U.S., 1361X10 - U.S., X-10 applications, 1361 - Canada)
- Aux power 12VDC, 750mA
- Alarm output power: 12VDC, 1.7A (UL1023/UL609 installations)/750mA less aux current draw (UL985 installations)
- Battery back-up: one 12VDC, 4AH min.; two 12VDC, 7AH max.

Output Control

- Supports 96 outputs including 4204 relays, V-Plex relays and/or X-10 modules (X-10 requires the 1361x10 transformer)
- Outputs may be controlled by an event, a time schedule and/or a keyfob or keypad action

Zones

- Nine zones built-in, 128 zones maximum
- 127 wireless zones
- 119 V-Plex zones
- Supports V-Plex Smart Contacts

Accessories

- 4204—up to four relays—15mA standby (each active relay draws an additional 40mA)
- 4286 VIP Voice Module—300mA/220mA
- 5881ENL supports up to eight RF zones—60mA
- 5881ENM supports up to 16 RF zones—60mA
- 5881ENH supports up to 127 RF zones—60mA
- 5881ENHC supports up to 127 RF zones—60mA
- 5883H Transceiver supports up to 127 RF zones—80mA
- Supports UVS—110mA/75mA
- Supports AVS—see MyFAPWebTech for current draw information

Keypads

- FA570KP Custom Alpha—150mA/40mA
- FA570RF Custom Alpha RF—150mA/50mA
- FA570VKP Custom Alpha with Voice—190mA/60mA
- FA702CSVKP Silver Color Touchscreen Keypad with Voice
- FA702CBVKP Black Color Touchscreen Keypad with Voice
- FA702CVKP White Color Touchscreen Keypad with Voice

Smoke and Carbon Monoxide Detectors

- Supports up to 16 two-wire smoke detectors on zone 1
- Supports four wire smoke detectors
- Supports V-Plex and wireless smoke detectors
- Supports 5800CO (5800COA - Canada) Wireless Carbon Monoxide Detector

Agency Listed to the Following Standards

- UL1023 Household Burglary (US and Canada)
- UL985 Household Fire (US)
- CAN/ULC-S304—Central and Monitoring Station Burglar Alarm
- CAN/ULC-S303—Local Burglar Alarm Unit
- CAN/ULC-S545—Residential Fire Warning System
- UL609—Grade A local Mercantile Premises and Mercantile Safe and Vault
- UL1610—Grades A, AA Central Station
- UL365—Grades A, AA Police Connect
- UL commercial burglary use the FAULK T for attack proof cabinet requirements
- UL1635—Digital Alarm Communicator System Units
- CAN/ULC—S1023

Communications

- Compatible with Honeywell Internet/Intranet Communicators and Digital Cellular Communicators
- Built-in Dialer with touchtone or pulse capability
- True dial tone detection
- Dynamic signaling
- Formats supported:
 - ADEMCO Contact ID
 - ADEMCO 4+2 Express



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