



FA162C

Partitioned, Expandable Control



- 8 Programmable zones expandable with an additional 8 hardwire or 30 wireless zones
- 14 User codes per partition, plus duress (1 installer per partition, 1 master, 12 secondary user, 1 babysitter code) - Master can change his/her own code.
- Supports alpha and fixed English keypads
- Optional telephone arming control
- Partitioned system allows for two independent systems in one control panel
- QED programming for fast enrollment of wireless devices
- Controls 8 X-10 devices or programmable relays.
- Common zone option
- Chime by zone on perimeter and/or exit-entry zones

Zone Features:

- 8 on-board zones + 3 programmable keypad zones
- Partitioning provides two separate systems in one
- 30 expansion zones (wireless and/or wired)
- 16 maximum hardwire zones (8 on-board + 8 expansion)
- 30 maximum wireless zones (5800 series wireless)
- Zone expander and RF receivers connect via keypad bus
- Fire - Zone 1 can support up to 16 2-wire smoke detectors. Four-wire smoke detectors can be supported on zones 2-7 and all expansion zones.
- Fast response zone - 10 msec on 1 zone in the 4219 or 4229 zone expander
- Zone restore reporting - at sounder time-out or at next system disarming
- Response times - 700, 350, or 10 msec on all integral zones. Zone expander response times are 300-500 msec with one selectable for 10 msec

Pager Features:

- Control can call a pager on the secondary telephone number
- Ademco Contact ID must be the primary reporting format
- Enhanced paging provides account number, event code and user number
- Alarm = 911, Trouble = 811, Open (Disarm) = 001, Close (Arm Away) = 002

Operation:

Up to 4 keypads per partition can be used depending upon model selected and the other powered devices.

- Quick arming requires only a 2 digit entry for an alarming mode, if enabled
- FA550KP - Alpha keypad with a custom English readout display. 2 x 16 Display, backlit keys, 140 mA current draw, built-in speaker
- FA250KP - Large numeric LCD display with fixed English words, backlit keys and display, 90mA current draw and built-in speaker
- FA210KP - Cost effective keypad using a numeric zone LCD with fixed English status words, backlit keys, 30mA current draw, piezo sounder
- FA210KP-SP - Spanish version of the FA210KP
- FA210IRKP - Fixed English keypad that supports the use of Infrared Keyfobs (INFTX)
- Test mode checks sounder and generates test reports to the central station

False Alarm Prevention Options:

- Exit error alarm and report code
- Audible exit warning tone
- Exit delay restart (press * key in stay mode)
- Impending zone loop trouble (high resistance check)



Output Features:

- Built-in alarm output (2.0 amps) steady output for burglary / audible, temporal pulse rhythm for fire sounding.
- Pre-alarm, trouble and alert sounder built into keypads.
- Two or four output relays or 8 X-10 (Powerline carrier) devices can be added to perform programmable actions in response to zone activity or manual activation (up to 8 outputs)
- Audio Alarm Verification (a.k.a. Two-way voice) - using one of the output relays to trip an appropriate two-way voice unit. The AAV option in programming will silence the sounder after an alarm is transmitted to the central station to provide clear communications between the central station operator and the system location
- Direct data to Ademco's Alarmnet® 7720PLUS backup radio

Communication Features:

- Phone line fault monitor (built-in) - supervises telephone line voltage and can cause a local display and/or trouble sound
- Formats - Contact ID, 4+2 Express, Low speed, 3+1,4+1 and 4+2



- Separate account numbers per partition
- Dual telephone numbers
- Split, dual and back-up reporting
- Hexadecimal reporting
- Dial tone detection
- Selectable (15 sec) communication delay for burglary alarms

- Random AC loss report
- Exit Alarm report
- Daily, weekly, or monthly test report
- Selectable test report offset - first test report time delay after exiting programming mode

Electrical:

- Auxiliary current = 600mA, 12 VDC, current limited
- Low battery shutdown: between 9.8 - 10.5 volts.
- Transformer - 16.5 VAC, 25 VA (No. 1321)
- Standby time = 5 hours with 500mA auxiliary load using a 12 volt, 4Ah battery (gel-type)
- Battery charging voltage = 13.8 VDC
- Alarm output current = 2.0 amps, 12 VDC current limited

Programming:

This control can be remotely programmed with the FADL (DOS) or Compass (Windows) software. The FA550KP keypad must be used for local programming.

Remote downloading capabilities:

- User code changes
- Arm away, bypass and disarm
- Download new program
- Upload resident program
- Upload event log
- Communications shutdown
- System shutdown
- Inhibit local programming

View system status:

- Arming
- AC power
- Faulted zones
- Bypassed zones
- Zones in alarm or trouble
- RF sensors with low battery condition

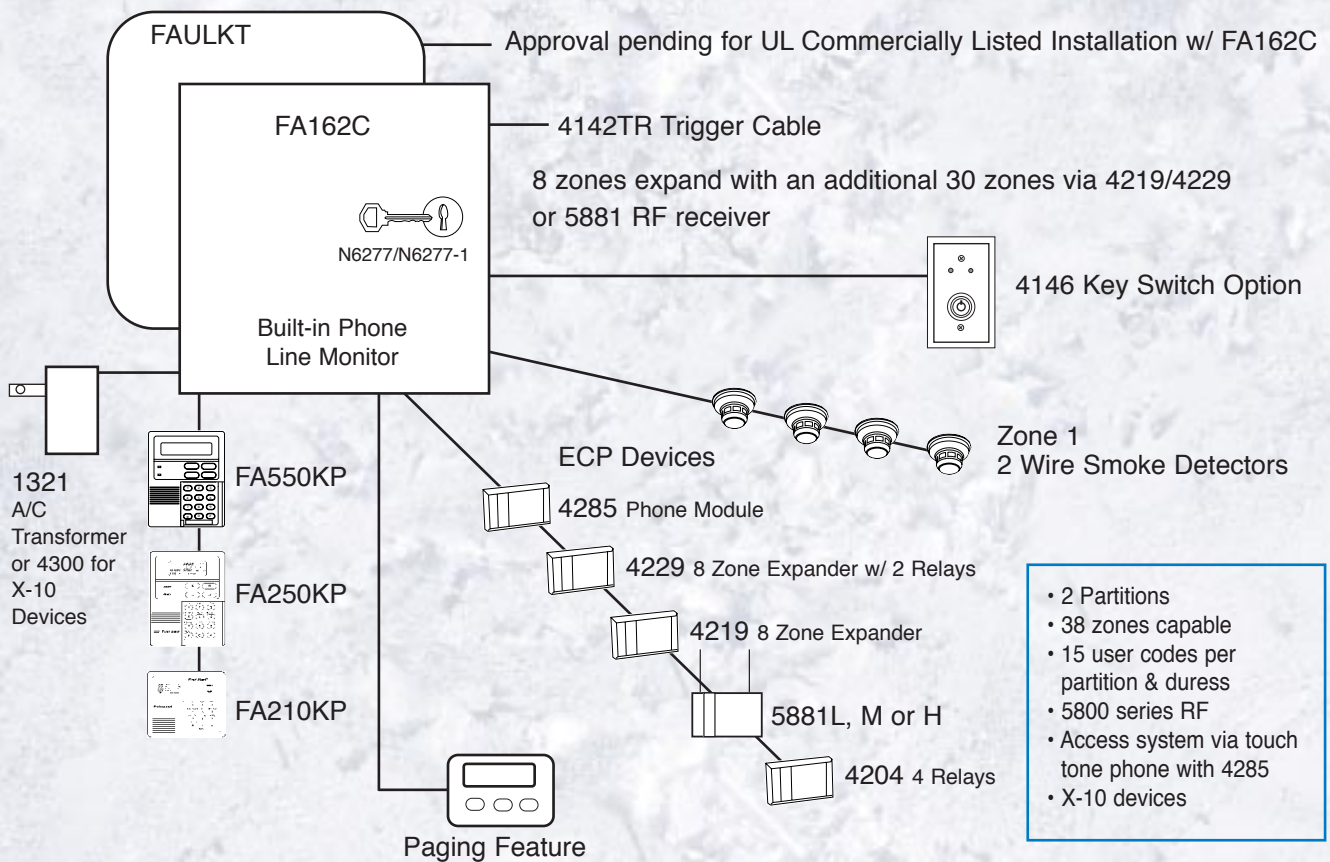
Telco Hand-off: Site technician can call the downloading facility from the control panel phone line to initiate immediate link.

QED - Quick Enrollment of Devices

Used to enroll wireless devices sequentially. Serial numbers can be enrolled by the keypad.



PENDING



WHAT TO ORDER

FA162C - Includes transformer, cabinet, lock and 4Ah battery

FA550KP - Alpha keypad, 2 x 16 display, warm gray color insert

FA250KP - Deluxe fixed word LCD display

FA210KP - Basic keypad; zone numeric LCD with fixed English status words

FA210KP-SP - Spanish version FA210KP keypad

FA210KP-SP - Keypad which supports infrared key-fobs

FA550DM - Table top mounting kit for 550, 450 and 250 keypad

FA550TRK - Flush mount kit for 550, 450 and 250 keypad

FA550/450/250/210DCG - Cool, gray color insert for 550, 450, 250 and 210 keypad

FA550/450/250/210DPB - Pebble color insert for 550, 450, 250 and 210 keypad

4219 - 8 wired zone expander

4229 - 8 wired zone expander plus 2 relays

4204 - 4 relay module

4300 - Transformer/X-10 interface (replaces supplied AC transformer)

FA4285 - Voice Module

5881H - Wireless interface for 5800 series transmitters (30 points)

5881M - Wireless interface for 5800 series transmitters (16 points)

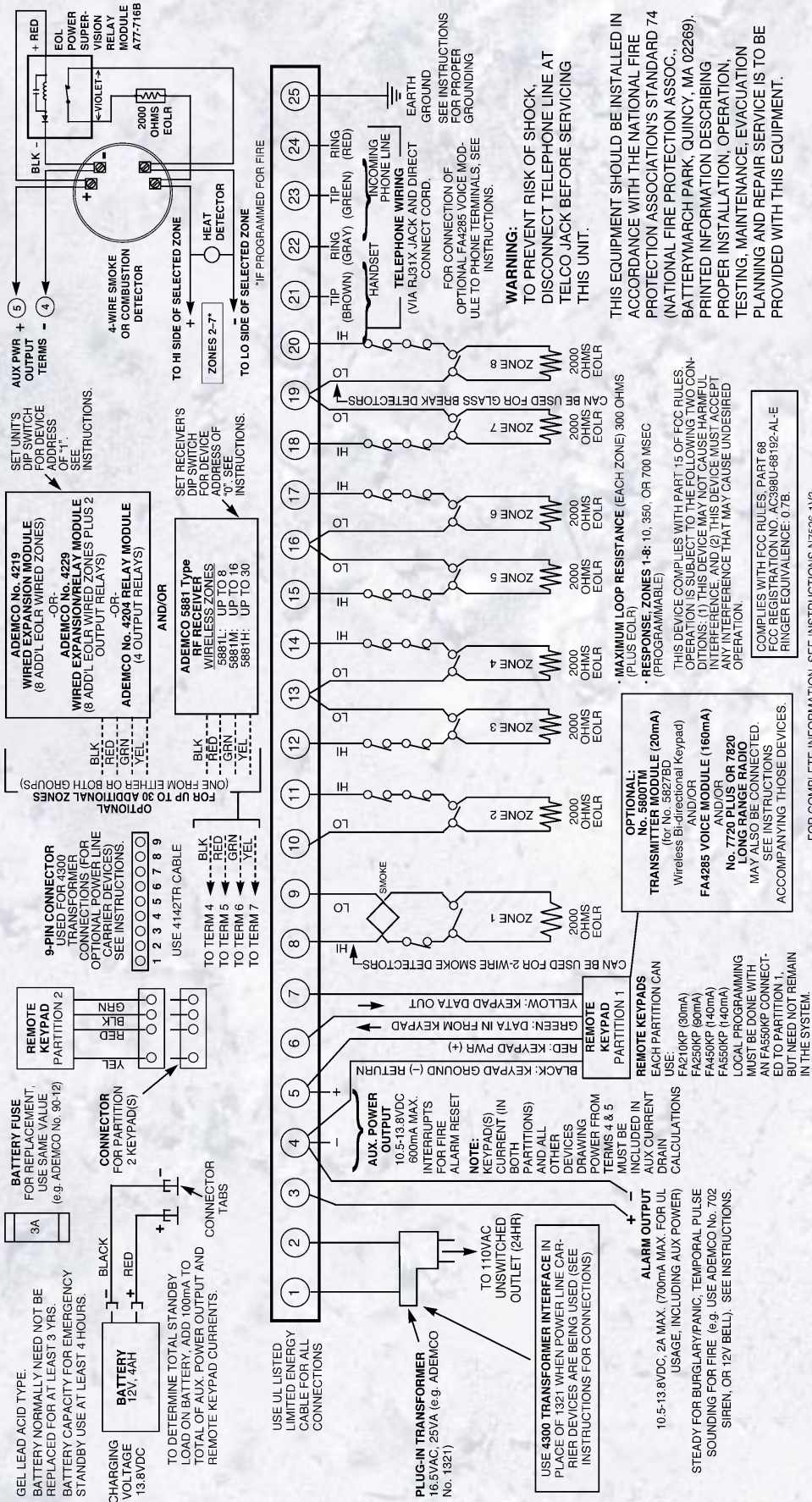
5881L - Wireless interface for 5800 series transmitters (8 points)

4300 - Transformer for X-10 outputs

FADL3 - DOS downloading software V3, 3 1/2" diskettes

FADL30-UD - Update

Compass Windows® downloading software



FA162C SUMMARY OF CONNECTIONS

WEEKLY TESTING IS REQUIRED TO ENSURE PROPER OPERATION OF THIS SYSTEM.



www.firstalertpro.com

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