

Commercial/Residential Fire and Burglary, Mercantile/Bank Safe and Vault, Local and Police Station, Central Station and Proprietary Protected Premises Control Unit with DACT

WARNING:

FOR DRY, INDOOR USE ONLY

This unit includes a Fire Alarm Verification feature that will result in a delay of the System Alarm Signal from the indicated Fire Alarm circuits. The total delay (Control Unit plus Smoke Detectors) shall not exceed 30 seconds. No other Smoke Detector shall be connected to these circuits unless approved by the local authority having jurisdiction.

Circuit (zone)	Control Unit Delay, Seconds	Smoke Detector	
		Model	Delay, Seconds
Zone 1	8 Seconds		
Zone 2	8 Seconds		
Aux Relay	8 Seconds		

THE DELAY TIME MARKED ON THE INSTALLED DETECTOR(S) IS TO BE USED.

This equipment should be installed in accordance with the National Fire Alarm Code, ANSI/NFPA 72 (National Fire Protection Assoc., Batterymarch Park, Quincy, MA. 02169). Printed information describing proper installation, operation, testing, maintenance and repair service is to be provided with this equipment. Additionally, this equipment should be installed in accordance with UL1641 - Installation and Classification of Residential Burglar Alarms Systems.

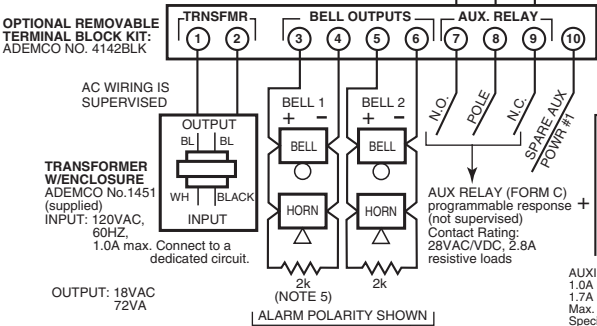
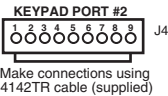


Connect to 12V, 12AH min/34.4AH max lead acid batteries using cables supplied. See instructions for required capacity. Float charging voltage: 13.7VDC. Battery normally need not be replaced for at least 3 yrs.

BELL CIRCUIT SUPERVISION JUMPERS
DO NOT CUT



Special Application Circuit
Connect Only Fire Keypads to
AUX PWR # 2.



NOTES

- The combined standby current drawn from aux pwr #1, aux pwr #2 and polling loop cannot exceed 1.0A (for Canada, 650mA). The combined alarm current drawn from aux pwr #1, aux pwr #2, polling loop, bell 1 and bell 2 cannot exceed 2.3A (for Canada, 1.95A).
- See instructions on setting addresses & for max # of keypads and wire run length restrictions.
- Use only 14-22 AWG wire.
- No more than one (1) wire per terminal may be connected.
- Maximum Loop Impedance is 1.17 ohms.
- 2k EOLR is Ademco Model EOL20.
- If supervision of the batteries is required, they should be connected to the Battery Sense Module. The Battery Sense Module is then connected to the panel. Refer to the Battery Sense Module instructions for connections.
- The control unit is to be checked by a qualified technician at least every 3 years.

Each output is Class B with Style Y supervision.

FIRE CKTS: Rated 1.7A when utilized as Special Application NAC (see Installation and Setup Guide for compatible devices) or Bell 2 rated 1.4A when utilized as Regulated 12VDC NAC. Supervise using 2k EOLR. Use polarized sounding devices and backup batteries.

BURG CKTS: Supervision is required. May use non polarized devices. 1.7A max. See note 1, see instructions for compatible devices.

Can use No. 702 Siren, or 12V Bell.

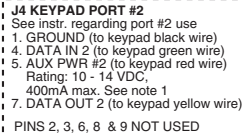
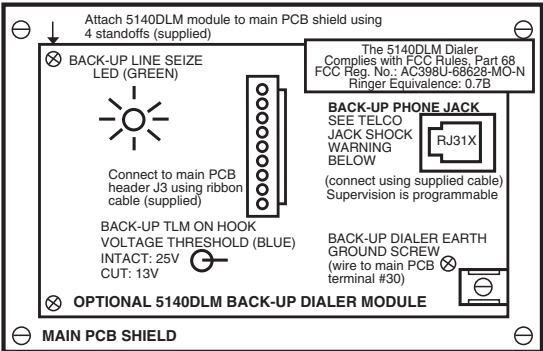
For commercial fire, bell timeout must be a minimum of 6 minutes.

ALL CIRCUITS ARE POWER LIMITED EXCEPT THE OUTPUT OF THE 1451 TRANSFORMER AND BACKUP BATTERIES.

ALL POWER-LIMITED WIRING MUST BE SEPARATED FROM NON-POWER LIMITED AND HIGH VOLTAGE WIRING BY 1/4 INCH (6.4 mm)

TYPES OF FIRE SIGNALLING SERVICE:

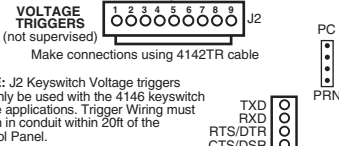
Manual fire alarm, automatic fire alarm, sprinkler supervisory and waterflow alarm, DACT, Radio Frequency (RF) and Multiplex. UL Listed local control (non-coded). UL Listed central station and remote station protected premises unit when used with 5140DLM back-up dialer module. Installation limits under jurisdiction of local authority.



CONNECTION OF THE FIRE ALARM SIGNAL TO A FIRE ALARM HEAD-QUARTERS OR A CENTRAL STATION SHALL BE PERMITTED ONLY WITH THE APPROVAL OF THE LOCAL AUTHORITY HAVING JURISDICTION. THE BURGLARY ALARM SIGNAL SHALL NOT BE CONNECTED TO A POLICE EMERGENCY NUMBER.

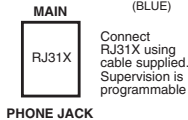
TEST BURGLARY SYSTEM WEEKLY

- J2 VOLTAGE TRIGGERS**
- See instructions for trigger use and programming (default functions shown)
- OUT 4 (SILENT PANIC/DURESS)
 - OUT 7 (TROUBLE)
 - OUT 3 (BURGLARY/AUDIBLE PANIC)
 - OUT 6 (SUPERVISORY)
 - OUT 2 (FIRE)
 - OUT 5 (REMOTE KEYPAD SOUNDER)
 - OUT 1 (OPEN/CLOSE)
 - GROUND
 - IN 1 (N.O. LOOP)
- RATINGS: OUT 1, 5, 7: LOW: 2K TO GROUND
HIGH: 10 - 14VDC, 20mA MAX
OTHER OUTS: LOW: 1K TO GROUND
HIGH: 10 - 14VDC THRU 5K



NOTE: J2 Keyswitch Voltage triggers can only be used with the 4146 keyswitch for fire applications. Trigger Wiring must be run in conduit within 20ft of the Control Panel.

Make connections from J13 using No. VT-SERCB Cable. Connect to a PC using a standard Straight through Serial Cable with a 9-PIN Connector on the panel end and the appropriate connector for the PC on the other end.



WARNING:
TO PREVENT RISK OF ELECTRICAL SHOCK, DISCONNECT TELCO JACK BEFORE SERVICING THIS PANEL

CAUTION:
TO REDUCE THE RISK OF FIRE, USE ONLY NO. 26 AWG OR LARGER TELECOMMUNICATION LINE CORD OR EQUIVALENT

EARTH GROUND

See instructions for proper earth ground connections

The impedance at which a ground fault is annunciated is 1,000 ohms

FOR INSTRUCTIONS
SEE 800-09617,
DATED 1/12
AND QUICK REFERENCE
800-09617QR DATED 1/12

The Main Dialer Complies with
FCC Rules, Part 68
FCC Reg. No.: AC3-USA-68192-AL-E
Ringer Equivalence: 0.7B

ASSEMBLED IN MEXICO

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VISTA-128FBPT
SUMMARY OF CONNECTIONS

