WARNING:

FOR DRY, INDOOR USE ONLY

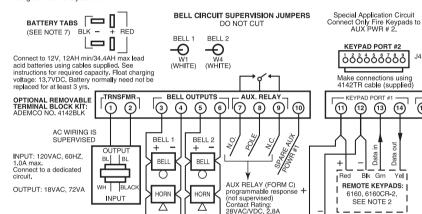
This unit includes a Fire Alarm Verification feature that will result in a delay of the System Alarm Signal from the indicated Fire Alarm circuits. The total delay (Control Unit plus Smoke Detectors) shall not exceed 30 seconds. No other Smoke Detector shall be connected to these circuits unless approved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

NOTE: As shipped, the Vista-32FBPT is suitable for Commercial Fire applications. The cabinet supports two 7AH batteries, If additional battery capacity is required, you must use a Listed battery enclosure. Extra batteries must be installed in the same room as the panel, via Class-1 wiring methods.

Additionally, this equipment should be installed in accordance with UL1641 - Installation and Classification of Residential Burglar Alarms Systems.



Δ

esistive loads

backup batteries

6 minutes.

Each output is Class B with Style Y supervision.

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

FIRE CKTS: Rated 1.7A when utilized as Special Application

NAC (see Installation and Setup Guide for compatible devices). Rated 1.4A when utilized as Regulated 12VDC NAC.

Supervise using 2k EOLR. Use polarized sounding devices and

BURG CKTS: Supervision is required. May use non polarized

For commercial fire, bell timeout must be a minimum of

ALL CIRCUITS ARE POWER LIMITED EXCEPT THE

INPUT CIRCUIT AND BACKUP BATTERIES.

ALL POWER-LIMITED WIRING MUST BE SEPARATED FROM NON-POWER LIMITED

AND HIGH VOLTAGE WIRING BY 1/4 INCH

devices. 1.7A max. See note 1, see instructions for compatible

Δ

2k (NOTE 5)

I ALARM POLARITY SHOWN

1. 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

2. See instructions on setting addresses & for max # of keypads and wire run length restrictions.

I 3. Use only 14-22 AWG wire.

(for Canada, 1.95A).

NOTES

14. No more than one (1) wire per terminal may

15. Maximum Loop Impedance is 1.17 ohms.

6. 2k EOLR is Ademco Model EOL20.

7. 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.

18. The control unit is to be checked by a qualified technician at least every 3 years.

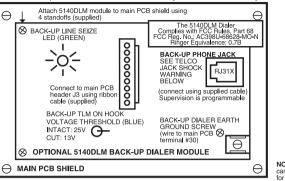
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TYPES OF FIRE SIGNALLING SERVICES

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.



ZONE 5 -- ZONE 6

(23)

(24) 25)

(22)

N.C.

N.O.

Style B supervision.

N.O.

· All zones are Class B and provide

Zone resistance (excluding EOLR):

- Zones 1, 2, 8: 100 ohms max

- Other zones: 300 ohms max

Voltage rating, all zones - 12VDC.

Zone response: 350 - 500mS (all zones)

· Do not mix fire and burg, sensors on one

loop. N.C. contacts for burg. usage only.

The Main Dialer Complies with

FCC Rules, Part 68

FCC Reg. No.: AC3-USA-68192-AL-E

Ringer Equivalence: 0.7B

.I4 KEYPAD PORT #2

ZONE 1

2-WIRE S

N.C.

N.O.

 $-\infty$

2k (note 6)

ZONE 1-8 NOTES

can be used)

is 100 uf.

• Ratings for zones 1,2:

- UL compatibility ID: A

AUXILIARY POWER #1 1.0A MAX (STANDBY) (For Canada 650mA) 1.7A MAX (ALARM) (See Note 1.)

Fire & Burglary Devices on the ECP Bus must be isolated using an ECP Isolator. Refer to Instructions for specific examples.

ECP Bus: Max. Line Impedance: 50 Ohms

Max. Impedance: 0.6 Ohms Special Application Circuit.

(16) (17) (18)

ZONE 2

N.C.

N.O.

2mÅ max for all smoke det.

(up to 16 detectors of the type

specified in the instructions

- Maximum fire loop capacitance

FOR INSTRUCTIONS SEE

800-11043V1, DATED 11/12

AND QUICK REFERENCE

800-11043QR, DATED 2/12

N.C.

N.O.

N.O.

See instr. regarding port #2 use
1. GROUND (to keypad black wire)

GHOUND (to keypad black wire)
 AUX PWR #2 (to keypad green wire)
 AUX PWR #2 (to keypad red wire)
 Rating: 10 - 14 VDC,
 400mA max. See note 1

7. DATA OUT 2 (to keypad yellow wire) PINS 2 3 6 8 & 9 NOT USED

(20)

(19)

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 THE APPROVAL OF THE LOCAL AUTHORITY HAVING JURISDICTION. THE BURGLARY ALARM SIGNAL SHALL NOT BE CONNECTED TO A POLICE EMERGENCY NUMBER.

N.C.

N.O.

N.O.

ZONE 7 — ZONE 8

26)

(27)

(28)

POLLING

4208SNI

5193SD SMOKE

4208U

12 VOLTAGE TRIGGERS See instructions for trigger use and programming (default functions shown 1. OUT 4 (SILENT PANIC/DURESS)
2. OUT 7 (TROUBLE) 3. OUT 3 (BURGLARY/AUDIBLE PANIC) 4. OUT 6 (SUPERVISORY) I 5. OUT 2 (FIRE) 6. OUT 5 (REMOTE KEYPAD SOUNDER) 8. GROUND 9. 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 VOLTAGE TRIGGERS ၀၀၀၀၀၀၀၀၀၀ J2 (not supervised) Make connections using 4142TR cable

TEST BURGLARY SYSTEM WEEKLY

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-SERCBL 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.

PIN 1 MAIN DIALER ON HOOK VOI TAGE THRESHOLD INTACT:25V CUT: 13V

BXD RTS/DTF CTS/DSF

GND

INTERFACE TO 5140DLM 00000000 J3

φ (BLUE) Connect RJ31X using

MAIN 29) (30) RJ31X cable supplied. Supervision is programmable

PHONE JACK

WARNING:

TO PREVENT RISK OF **ELECTRICAL SHOCK** DISCONNECT TELCO JACK BEFORE SERVICING THIS PANEL

TO REDUCE THE RISK OF FIRE, USE ONLY No. 26 AWG ORLARGER 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

TO OTHER DEVICES

Polling Loop: Class B, Style 3. Polling Loop Ratings:

(supervised) 128mA max. See note 1.

8-11 VDC

20 Ohms Max. Impedance

See instructions for compatible devices and

for max wire run length. Fire and Burglary devices on the polling loop must be isolated by use of a 4297 or VSI module. Refer to instructions for specific examples.

ASSEMBLED IN MEXICO

VISTA-32FBPT SUMMARY OF CONNECTIONS

