**RESIDENTIAL FIRE AND COMMERCIAL AND RESIDENTIAL BURGLARY, LOCAL AND POLICE STATION, MERCANTILE SAFE AND VAULT, CENTRAL STATION CONTROL UNIT WITH DACT**

**RESIDENTIAL FIRE AND RESIDENTIAL BURGLARY CONTROL UNIT WITH DACT**

**FOR DRY, INDOOR USE ONLY**

![Diagram]

**NOTES:**
1. Zone 1 may be selected for EOLR supervised or normally closed (no EOLR) operation via cut jumper. (Cut red jumper for normally closed operation. Do not cut for Fire Usage). Zones 2-8 may be selected for either operation via program field *41.
2. Zone 1 supports 2-wire smoke detectors. See Installation and Setup Guide for recommended type and maximum number of detectors supported.
3. Zone 7 may be used for remote keypuncharming/disarming. See Installation and Setup Guide for wiring instructions.

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

(Refer to Installation and Setup Guide for information concerning Direct Wire Downloading and printer connections.)

**MAKE CONNECTIONS USING NO. VT-SERCBL CABLE TO 9-PIN FEMALE NULL MODEM.**

**MACROCABLE USING No. 620 RJ31X direct connect cord.**

**WARNING: TO PREVENT RISK OF ELECTRICAL SHOCK, DISCONNECT TELEPHONE JACK BEFORE SERVICING THIS PANEL.**

**ALL CIRCUITS ARE POWER LIMITED EXCEPT THE OUTPUT OF THE BACKUP BATTERIES.**

**VISTA-128BPT SUMMARY OF CONNECTIONS**

**VISTA-128BPT SUMMARY OF CONNECTIONS Diagram**

**ONCE INSTALLATION IS COMPLETE, THE PANEL IS TO BE TESTED FOR PROPER OPERATION.**

**NOTES FOR UL HOUSEHOLD FIRE INSTALLATIONS:**
1. Use 12VDC, 14AH battery
2. Maximum auxiliary current, including polling loop 300mA
3. ... power output and polling loop current must be limited to 750mA for UL985 Household Fire Installations.

**COMPLIES WITH FCC RULES, PART 68.**

**FCC REGISTRATION NO. AC398U-68192-AL-E**

**RING EQUIVALENCE: 0.7B**

**Polling loop rating: 128mA max. See Installation and Setup Guide for maximum number of devices supported and maximum wire run length.**

**NOT BE PLUGGED INTO A SWITCHED OUTLET. WHEN POWERING UP THE PANEL, PLUG THE TRANSFORMER IN BEFORE CONNECTING THE BATTERY.**

**MADE IN CHINA**

**AUG 1991**
NOTES:

1. THIS OUTPUT SWITCHES 12VDC POWER TO AUDIBLE ALARM DEVICES DURING A DOOR SWITCH ALARM CONDITION. NO END-OF-LINE RESISTORS ARE REQUIRED. ALARM OUTPUT SUPERVISION IS ENABLED THROUGH PROGRAMMING (SEE THE CONTROL PANEL’S INSTALLATION INSTRUCTIONS FOR DETAILS).

2. USE SUPERVISED NOTIFICATION MODULES (AS SHOWN IN SHEETS SNS-1 AND SNS-2) WHEN INDEPENDENT AUDIBLE ALARM DEVICE NOTIFICATIONS ARE NEEDED. DO NOT CONNECT AUDIBLE ALARM DEVICES TO THE CONTROL PANEL, AS THEY CANNOT BE PROGRAMMED TO ACTIVATE INDEPENDENTLY OF THE SUPERVISED NOTIFICATION MODULES.

AUDIBLE ALARM DEVICE LOOP POINT-TO-POINT CONNECTIONS - AAD-1

SINGLE, OR MULTIPLE ALARM NOTIFICATION (IN UNISON) WITHIN VARIOUS LOCATIONS OF A FACILITY (FLOOR, WING, ETC.)
NOTES:
- EACH ALARM RESET KEYSWITCH MUST BE WIRED IN SERIES WITH A KEYSWITCH ISOLATION MODULE.
- BOTH COMPONENTS, AS A GROUP, MUST BE WIRED IN PARALLEL ACROSS A CONTINUOUS TWO-CONDUCTOR RUN FROM THE FIRST KEYSWITCH TO THE LAST (SHOWN ABOVE). DO NOT MAKE MULTIPLE RUNS (AS IN A STAR CONFIGURATION) ORIGINATING FROM THE CONTROL PANEL.

(877) 998-5625

ALARM RESET KEYSWITCH LOOP POINT-TO-POINT CONNECTIONS - ARK-1

ONE KEYSWITCH STATIONED AT EACH PATIENT ROOM
CONTROL PANEL

J9 CONNECTOR

RED CONDUCTOR

SERIAL ADAPTER CABLE

USB SERIAL ADAPTER

DB9 FEMALE-TO-FEMALE ADAPTER

TO COMPUTER'S USB PORT

(877) 998-5625

SERIAL INTERFACE SYSTEM POINT-TO-POINT CONNECTIONS - SIS-T1

FOR DIRECT-WIRE UPLOADING FROM CONTROL PANEL TO COMPUTER WITH COMPASS DOWNLOADING SOFTWARE INSTALLED
NOTES:

⚠️ THE MAXIMUM NUMBER OF SUPERVISED NOTIFICATION MODULES THAT CAN BE WIRELESS ACROSS THE CONTROL PANEL'S DATA INPUT BUS IS 16. AVAILABLE ADDRESSES FOR SELECTION INSIDE THE MODULE ARE 01 THROUGH 16 (SEE THE CONTROL PANEL'S INSTALLATION INSTRUCTIONS FOR DETAILS).

⚠️ BOTH ALARM OUTPUTS CAN BE PROGRAMMED TO ACTIVATE IN UNISON OR INDEPENDENTLY OF EACH OTHER (SEE THE CONTROL PANEL'S PROGRAMMING GUIDE FOR DETAILS).

⚠️ ADD 2x END-OF-LINE RESISTORS ACROSS RED AND BLACK LEADS OF LAST AUDIBLE ALARM IN RUN.

SUPERVISED NOTIFICATION SYSTEM POINT-TO-POINT CONNECTIONS - SNS-1

NOTIFICATION MODULES AND AUDIBLE ALARMS POWERED FROM CONTROL PANEL
AUXILIARY POWER SUPPLY
12VDC

CONTROL PANEL
AUX, POWER OUTPUT
12V (400mA), 75mA (MAX)

SUPervised NOTIFICATION MODULE #1

ALARM NOTIFICATION BUS 2-1

CONNECTIONS TO ADDITIONAL ALARM DEVICES

RED BLACK

TB1
1 2 3 4 5 6
13 14 15 16

TB2
9 10 11 12

CONNECTIONS TO ADDITIONAL ALARM DEVICES

RED BLACK

HOMERUN GROUP OF DATA IN/OUT AND NEGATIVE WIRE FROM EACH SUPERVISED NOTIFICATION MODULE BACK TO THE CONTROL PANEL. TERMINALS 5, 7, 8 & 9, DO NOT CHAIN THESE WIRE GROUPS FROM ONE MODULE TO THE NEXT.

SUPervised NOTIFICATION MODULE #2

ALARM DEVICES

OUTPUT A

OUTPUT B

NOTES:

- THE MAXIMUM NUMBER OF SUPERVISED NOTIFICATION MODULES THAT CAN BE WIRING ACROSS THE CONTROL PANEL'S DATA IN/OUT BUS IS 15. AVAILABLE ADDRESSES FOR SELECTION INSIDE THE MODULE ARE 01 THROUGH 15 (SEE THE CONTROL PANEL'S INSTALLATION INSTRUCTIONS FOR DETAILS).
- BOTH ALARM OUTPUTS CAN BE PROGRAMMED TO ACTIVATE IN UNISON OR INDEPENDENTLY OF EACH OTHER (SEE THE CONTROL PANEL'S PROGRAMMING GUIDE FOR DETAILS).
- ADD 2k END-OF-4-WIRE RESISTOR ACROSS RED AND BLACK LEADS OF LAST AUDIBLE ALARM IN RUN.

SUPERVISED NOTIFICATION SYSTEM POINT-TO-POINT CONNECTIONS - SNS-2

NOTIFICATION MODULES AND AUDIBLE ALARMS POWERED FROM AN AUXILIARY POWER SUPPLY

(877) 998-5625