Total Connect – Basic Setup Steps

1. Choose a compatible Honeywell panel and communicator. Refer to document TCPGM-2 “AlarmNet Services Compatibility.”

   a. Refer to pages 5-7 if you need to sign up as a new dealer. If you already have access to this site skip to page 8 and follow steps to login.
   b. If this is a new account, refer to and follow steps listed on setup guide pages 8-15. At the end of these steps you will be directed to the programming edit page. Skip down to step 3 below.
   c. To add Total Connect to an existing account, login to AlarmNet Direct and go to “Show Programmed Devices” page. Access the account by searching for the account (use full account info (City-CSID-ACCT)) or MAC address. Once account is accessed, under “Actions” select “Get Data-GO” and wait for programming to upload. Select “Refresh” to confirm upload is complete, then select “Edit-GO” to access programming.

3. Continuing to reference document TCPGM-3, you should now be in the programming edit screen as seen on page 16. Follow steps on pages 16-23 to enable Remote Access features in the communicator and to select the virtual keypad type and address. Also refer to document TCPGM-4 “Total Connect Device Setup” for additional information on selecting these options.
   a. The keypad type you choose will be determined by the control panel capabilities and end-user preference. The keypad address MUST be a valid address for the keypad type. Please reference above mentioned documents to ensure correct selections are made.
   b. Ensure the address you choose is not being used by any other ECP connected component on the system. Additionally, this address must be enabled in the panel programming.

4. Continuing to reference document TCPGM-3 pages 24-30, you will enable Total Connect email notifications next. Also refer to document TCPGM-4 “Total Connect Device Setup” for additional information on selecting this option and choosing a multimode address. If email notification of system events is not desired, skip to step 5 below.
   a. Ensure the address(s) you choose is not being used by any other ECP connected component on the system. Additionally, this address(s) must be enabled in the panel programming.

5. Continuing to reference document TCPGM-3, save and transfer the programming as on page 31. Note that the save and transfer feature will only work if the SIM is active (not applicable to internet-only devices) and the communicator is powered up and has good network connection. For devices that are not powered up and/or have no network connection, just select “Save” then “Exit.” Be sure to transfer this programming later, by selecting “Send Data” under the Actions column on the “Show Programmed Devices” page on AlarmNet Direct.

6. Continuing to reference document TCPGM-3, you will now create a new end user or merge this account to an existing Total Connect user following the steps on pages 32-37.
   a. It is recommended to use your own email address when inputting the end user information. This can be updated to the end-user email before turning the system over to the end-user and will prevent them from accessing the Total Connect website before setup and testing is complete.
   b. Using Document TCPGM-10 “Total Connect Subscriber Information” to collect and input end-user info can be helpful.

7. If video cameras are being added to the account, follow document TCPGM-3 “Basic Programming Guide to Add Total Connect” pages 38-41.
8. If the communicator is not yet registered, complete registration by selecting “Register” as shown on document TCPGM-3 page 42, or by following the Communicator Installation Instructions. This completes the steps for configuring the communicator and account for Total Connect Remote services.

9. The next steps involve control panel programming, which can be done using an Alpha keypad (i.e. 6160) or Compass downloading software.
   a. Enable the keypad address selected in step 3 above.
   b. Map and program outputs for desired email notifications. Refer to the following documents for assistance in programming these outputs:
      i. For residential non-plus panels (i.e. Vista-20SE) use TCPGM-5
      ii. For residential plus panels (i.e. Vista-20p) use TCPGM-6
      iii. For commercial grade panels (i.e. Vista-128bpe) use TCPGM-7

10. With programming of the panel complete, log in to the end-user website at www.totalconnect.net with the user name and password created in step 6 above.
   a. Go to menu option “Email Configuration” and setup the email messages corresponding to the outputs programmed in the control. Refer to document TCPGM-8 for suggested verbiage and setup assistance.
   b. Go to menu option “Remote Access” and launch the virtual keypad. If using full control keypad type, follow the steps in document TCPGM-9 to configure the keypad.
   c. Go to “Video,” to verify camera operation. Refer to the online video help documentation found at https://services.alarmnet.com/TotalConnect/VideoHelp.htm.
   d. Go to “Configure Mobile” and set up the TotalConnect application for mobile phone(s).
   e. The Total Connect Online Help Guide found on this site can provide valuable assistance for using and configuring the website.
# AlarmNet Services Compatibility

## Vista-Low and Mid Series Panels

### AlarmNet Control Panel Compatibility

<table>
<thead>
<tr>
<th>Honeywell/ Private Label</th>
<th>First Alert</th>
<th>LRR Modes Supported</th>
<th>IP/GSM Downloading</th>
<th>Keypad Type</th>
<th>Full Control (AUI)</th>
<th>Multimode (Email)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>ECP 4204 Zone</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4110</td>
<td>FA100C</td>
<td>V+</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4110DL</td>
<td>FA110C</td>
<td>V+</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4110XM</td>
<td>FA120C</td>
<td>V+</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vista-10/10SE</td>
<td>FA140C/ FA142C</td>
<td>Rev 15+</td>
<td>V+</td>
<td></td>
<td>Rev 15+</td>
<td></td>
</tr>
<tr>
<td>Safewatch Pro</td>
<td>-</td>
<td>Rev 15+</td>
<td>V+</td>
<td></td>
<td></td>
<td>Rev 15+</td>
</tr>
<tr>
<td>Via-30/P/PSE</td>
<td>-</td>
<td>Rev 15+</td>
<td>V+</td>
<td></td>
<td></td>
<td>Rev 15+</td>
</tr>
<tr>
<td>Vista-15</td>
<td>FA148C</td>
<td>V+</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>250P1</td>
<td>-</td>
<td>V+</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vista-20</td>
<td>FA160C</td>
<td>V+</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vista-20SE</td>
<td>FA162C</td>
<td>Rev 12+</td>
<td>V+</td>
<td></td>
<td></td>
<td>Rev 12+</td>
</tr>
<tr>
<td>SL150</td>
<td>-</td>
<td>V+</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Safewatch 2000</td>
<td>-</td>
<td>Rev 4.1+</td>
<td>V+</td>
<td></td>
<td></td>
<td>Rev 4.1+</td>
</tr>
<tr>
<td>Vista-10P</td>
<td>FA 130CP</td>
<td>V- / V+</td>
<td>Rev 2.0+</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vista-15P</td>
<td>FA148CP</td>
<td>V- / V+</td>
<td>Rev 5.2+</td>
<td></td>
<td>Rev 3.0+</td>
<td></td>
</tr>
<tr>
<td>Vista 20P/PS</td>
<td>FA168CPS/FA168Cgp</td>
<td>V- / V+</td>
<td>Rev 5.2+</td>
<td></td>
<td>Rev 3.0+</td>
<td></td>
</tr>
<tr>
<td>320P1</td>
<td>-</td>
<td>V- / V+</td>
<td>Rev 5.2+</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Safewatch 3000/EN</td>
<td>-</td>
<td>V- / V+</td>
<td>Rev 5.4+</td>
<td></td>
<td>Rev 2.0+</td>
<td></td>
</tr>
<tr>
<td>Vista-21iP</td>
<td>-</td>
<td>V-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Safewatch 4000</td>
<td>-</td>
<td>V-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LYNX-R</td>
<td>ReadyGuard-R</td>
<td>V-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LYNXR-EN</td>
<td>ReadyGuard-REN</td>
<td>V-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LYNXR-I</td>
<td>ReadyGuard-I</td>
<td>V-</td>
<td></td>
<td></td>
<td></td>
<td>Rev 16+</td>
</tr>
<tr>
<td>APX32 / APX32EN</td>
<td>-</td>
<td>V-</td>
<td>Rev 16+</td>
<td></td>
<td></td>
<td>Rev 16+</td>
</tr>
<tr>
<td>LYNXR-2</td>
<td>ReadyGuard-R2</td>
<td>V-</td>
<td>Rev 16+</td>
<td></td>
<td></td>
<td>Rev 16+</td>
</tr>
<tr>
<td>LynxPlus (L3000)</td>
<td>R3000</td>
<td>V+</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Notes:

1. **When “Rev.” is referred to, it is referencing the revision of the control panel.**

2. **To support Total Connect features, your AlarmNet device must be v2.0.7 or later.**

3. **To support “Full Control” website keypad interface, your control panel must support AUI style keypads AND you must have an available AUI address.**

---

**Table of Contents**

TCPGM-2

Tech Support

Updated 4/21/11
### Vista-High Series Panels

#### AlarmNet Control Panel Compatibility

<table>
<thead>
<tr>
<th>Honeywell/ First Alert</th>
<th>Modes Supported</th>
<th>IP/GSM</th>
<th>Keypad Only</th>
<th>Full Control (AUI)</th>
<th>Keypad Type</th>
<th>Multimode (Email)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honeywell/ Private Label</td>
<td></td>
<td>ECP</td>
<td>4204 Zone</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4120EC/XM</td>
<td>FA200C</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4130/5130 Series</td>
<td>FA500C/FA1000C</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4140XMP/XMPV</td>
<td>FA1200C/CV</td>
<td>v2.2.0</td>
<td>V+</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vista-40</td>
<td>FA1220C/CV</td>
<td>v2.2.0</td>
<td>V+</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4140XMPT</td>
<td>FA1300C</td>
<td>v2.2.0</td>
<td>V+</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4140XMPT2</td>
<td>FA1330C</td>
<td>v2.2.0</td>
<td>V+</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vista-50</td>
<td>FA1340C</td>
<td>v2.2.0</td>
<td>V+</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vista-50P</td>
<td>-</td>
<td>✓</td>
<td>v2.2.0</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Vista-128B</td>
<td>-</td>
<td>✓</td>
<td>v2.2.0</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Vista-128BP</td>
<td>FA1660C</td>
<td>✓</td>
<td>v2.2.0</td>
<td>V+</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vista-128BPE (Rev 4+)</td>
<td>FA1660CE (Rev 4+)</td>
<td>✓</td>
<td>v2.2.0</td>
<td>V+</td>
<td>Over ECP</td>
<td></td>
</tr>
<tr>
<td>Vista-250BP</td>
<td>✓</td>
<td>v2.2.0</td>
<td>V+</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vista-250BPE (Rev 4+)</td>
<td>✓</td>
<td>v2.2.0</td>
<td>V+</td>
<td></td>
<td>Over ECP</td>
<td></td>
</tr>
<tr>
<td>5140XM</td>
<td>FA1500C</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vista-100</td>
<td>-</td>
<td>✓</td>
<td>v2.2.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-</td>
<td>FA1600C</td>
<td>Rev 6.4+</td>
<td>v2.2.0</td>
<td>V+</td>
<td>VFBPCOMKIT</td>
<td>Rev 6.4+</td>
</tr>
<tr>
<td>Vista-32FB</td>
<td>-</td>
<td>Rev 1.4+</td>
<td>v2.2.0</td>
<td>V+</td>
<td></td>
<td>Rev 1.4+</td>
</tr>
<tr>
<td>Vista 128FB</td>
<td>-</td>
<td>Rev 2.4+</td>
<td>v2.2.0</td>
<td>V+</td>
<td></td>
<td>Rev 2.4+</td>
</tr>
<tr>
<td>Vista-128FBP</td>
<td>FA1670C</td>
<td>✓</td>
<td>v2.2.0</td>
<td>V+</td>
<td>VFBPCOMKIT</td>
<td></td>
</tr>
<tr>
<td>Vista-128FBP (Rev 4+)</td>
<td>✓</td>
<td>v2.2.0</td>
<td>V+</td>
<td></td>
<td>Over ECP</td>
<td></td>
</tr>
<tr>
<td>Vista-250FBP</td>
<td>FA1700C</td>
<td>✓</td>
<td>v2.2.0</td>
<td>V+</td>
<td>VFBPCOMKIT</td>
<td></td>
</tr>
<tr>
<td>Vista-250FBP (Rev 4+)</td>
<td>✓</td>
<td>v2.2.0</td>
<td>V+</td>
<td></td>
<td>Over ECP</td>
<td></td>
</tr>
<tr>
<td>5110XM</td>
<td>FA2000C</td>
<td>Rev 2.2+</td>
<td>V+</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5120XM</td>
<td>FA2100C</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**

1. When “Rev.” is referred to, it is referencing the revision of the control panel.
2. When “vX.X.X” is referred to, it is referencing the revision of the AlarmNet Device. For example, the Vista-40 can use 4204 Emulation mode(s) if the revision of the AlarmNet Device is v2.2.0.
3. To support Total Connect features, your AlarmNet device must be v2.0.7 or later.
4. To support “Full Control” website keypad interface, your control panel must support AUI style keypads AND you must have an available AUI address.
**Non Honeywell Panels**

The 7845GSMR / 7845i-GSM will work in Zone Mode with any manufacturer’s security panel, as well as other products that may or may not be related to the security industry. To use the 7845GSMR / 7845i-GSM on these products you will need to determine if your device will be providing a positive voltage output, negative/pull-to-ground output, or a contact closure (Normal Open/Normal Closed).

Your next step will be to program your 7845GSMR / 7845i-GSM zone inputs for the correct trigger type: V+, V-, or EOLR.

NOTE: If the Total Connect Multimode (Email) feature is enabled when using Zone Mode, only device supervision messages will be sent to the AlarmNet Network Control Center, ALL OTHER MESSAGES will be sent as email messages via Total Connect and will NOT be sent to central station. This means that all zone inputs will ONLY trip email messages, when Total Connect Multimode is enabled in zone mode.
Total Connect Basic Programming Guide

AlarmNet
Basic Programming Guide
to Add Total Connect Services

Honeywell
Compatible Honeywell Panel

- Total Connect is compatible with many existing and older FAP and Vista series panels

- The highest level of compatibility is achieved when communicators are connected to panels that can support graphics keypads

- VISTA-20P/FA168CPS or VISTA-21iP maximum capability to support graphics keypads

Click here for the latest compatibility chart
Compatible Honeywell Communicators

- GSMX
  - GSM
  - For Vista (Voice capable)

- GSMV
  - GSM Universal (Voice capable)

- GSMVL or 7847i-L
  - Plug-in GSM (Voice capable)
  - or Plug-in IP for Lynx Plus

- Vista-21IP
  - IP and/or Plug-in GSM

- IGSM
  - IP with GSM

- 7847i
  - IP only
Programming Steps to Add Total Connect Services

1. Log in on AlarmNet Direct
2. Program and Register the Radio:
   1. Create Account with MAC and City CS info
   2. Select "Supervision Level"
   3. Select "Remote Services" and "Service Level"
   4. Activate SIM if GSM device
   5. Select "Device Mode"
3. Programming Remote Access:
   1. Select "Device Address"
   2. Enable "Remote Access"
   3. Select "Keypad Address"
   4. Select Keypad Type
   5. Select "Multimode" # of email events
   6. Select "Multimode Address"
4. Save Device Programming
5. Add "End User"
   1. Merge with Existing End User
6. Add "Video Device"
7. Register the AlarmNet communicator
Step 1: Log in to AlarmNet Direct

Welcome to AlarmNet Direct

AlarmedNet Direct provides a vital link for our customers.

Honeywell's AlarmNet leads the security industry in alarm communications technology. With a full range of products and services for supervised alarm signal transport applications, it's no wonder that the leading control stations turn to AlarmNet for their alarm communications.

AlarmNet Direct is a powerful web-based solution that provides AlarmNet Customers with a communication link to AlarmNet devices and services.

https://services.alarmnet.com/alarmnetdirect
Step 1: Log in to AlarmNet Direct

Dealer Sign up

Honeywell recommends that all alarm systems be checked for compatibility with the new Honeywell Honeywell
direct programming system. To request programming, please call 1-800-222-6829 option 9.

If you have further questions, contact AlarmNet Administration at 1-800-222-6829 option 2.

HONEYWELL - CONFIDENTIAL
Step : Log in to AlarmNet Direct

Welcome to AlarmNet Direct

Honeywell’s AlarmNet leads the security industry in alarm communications technology. With a full range of products and services for supervised alarm signal transport applications, it’s no wonder that the leading central stations turn to AlarmNet for their alarm communications.

AlarmNet Direct is a powerful web-based solution that provides AlarmNet Customers with a communications link to AlarmNet devices and services.
Step 1: Log in to AlarmNet Direct

Welcome to AlarmNet Direct
Step 2: Create An Account

Honeywell

Step-by-Step

TCPGM-3
Step 3: Register the GSM/I Device
Step 4: Select Remote Services and Service Level

- Video Services Only
- Help Video Services

- Enter GSMM Information for New Device

- Enable Remote Services
- Help Total Connect Setup
- Help Writer for Total Connect

HONEYWELL - CONFIDENTIAL
Step 4: Select Remote Services and Service Level

Enter Account Information For New Device
- Video Services Only
- Primary City ID: 99
- Primary CND: 16
- Primary Subscriber: 0200

Enter OSMT Information For New Device
- Supervision: 24 Hour
- MAC ID: 06-09-13-06-09-10

Remote Services:
- Select Service Level
- No Remote Services
- 0004 Inhungual

CLICK "ADVANCED PROGRAMMING" TO PROGRAM:
- UL 664 COMMERCIAL FIRE WITH AN IDASCHP
- UL 654 COMMERCIAL FIRE WITH NO IDASCHP
- CONTROL USAGE PRICE PLAN OPTION
Step 5: Activate SIM

HSC - AlarmNet® Services

Welcome: Help Program New Device GSM/2
Help: Program New Device Vista 71IP and Vista GSM

This SIM (HAC ID = 500026102577) needs to be activated. This can take from a few minutes to several hours. Periodically check for verification of SIM activation (via SIM Activation/Status Page) before registering the device. You will be required to power cycle (to obtain signal strength) and register the device AFTER the SIM has been activated. Thank you.

Enter Email(s) For Notification: (use a ; between email addresses)
Customer: vi or ch msn@honeywell.com

Please do not register until the SIM has been activated. Thank you.
Step 5: Activate SIM

Text Notification:
Enter your 10-digit mobile Number followed by your service provider’s address

For AT&T,
Enter:
xxx.xxx.xxx@TXT.ATT.net

For Verizon,
Enter:
Xxx-xxx-xxxx@VTEXT.com

Contact cell provider for all others

E-mail notification

Honeywell - Confidential
Step 7: Select Device Address

Honeywell

HSC - AlarmNet® Services

Welcome

Current Device Mode Formats BCP

- Device Address
- Supervision
- Old Alarm Time
- SDM Fault Time
- Allow Local Programming
- Remote Access

HONEYWELL - CONFIDENTIAL
Step 8: Enable Remote Access

Honeywell

HSC - AlarmNet® Services

Welcome [Name]

NAC: 9C-D0-2D-30-C0-69

Primary Act: 9C-D0-30-00

Secondary Act: 764982PM

Current Device Mode Forms: EOP

Device Mode: EOP

Current Device Mode Forms: ECP

Device Mode: ECP

- Allow Local Programming
- Enable Direct Wirearming
- Remote Access
- Keypad Address
- Keypad Type
- MIMO (additional) notations

Remote Access: Enabled

HONEYWELL - CONFIDENTIAL
## Step 9: Select Keypad Address

Additional examples of keypad addresses

<table>
<thead>
<tr>
<th>Control Panel</th>
<th>Full Control (AUI) Addresses</th>
<th>Keypad Only Addresses</th>
</tr>
</thead>
<tbody>
<tr>
<td>FA130CP/Vista 10P</td>
<td>N/A</td>
<td>16 – 23</td>
</tr>
<tr>
<td>FA148CP &amp; FA168CPS/Vista-15P &amp; Vista-20P</td>
<td>1, 2, 5, 6</td>
<td>16 – 23</td>
</tr>
<tr>
<td>FA1660C, Vista-250BP(E), Vista-128FBP, FA1700C</td>
<td>1 – 6</td>
<td>01 – 30</td>
</tr>
<tr>
<td>ReadyGuard-RI/LynxR-i Rev 16+/ Lynx Plus</td>
<td>Lynx Keypad Address 01</td>
<td></td>
</tr>
</tbody>
</table>
Step 9: Select Keypad Address
Step 10: Select Keypad Type

Keypad Only

- Control panel supports addressable keypads,
- Does not support AUI devices (touch-screen keypads) or
- Does not have an available AUI address
- Note: Displays ONLY the Virtual keypad in Total Connect.

Lynx Keypad

- Control panel is of the LynxR-i or ReadyGuard-R1 family control
- Lynx firmware must be at least a Revision 16
Step 10: Select Key Pad Type

**Full Control**
- Select this option if you are connecting the communicator to a control panel that has an available AUI address
- *Note: Displays virtual keypad and other feature tabs in Total Connect*

**Lynx Plus**
- Select this option if the control panel is of the Lynx Plus or L3000 family control

**LynxV3**
- Future Lynx Panel
Step 10: Select Keypad Type

Honeywell

HSC - AlarmNet® Services

Welcome:

MAC: 00-D0-20-01-12
Primary Acct: 20-11-10
Secondary Acct:

Device Type: T007FL

Save and Transfer Data to Device

Printer-Friendly

Current Device Mode Form: ECP

Device Mode: ECP

Remote Access: Enabled
Keypad Address: 6
Keypad Type: Keypad Only
Multimode (email notification):
Multimode Address:
Set Multi-Fan View as Default:

Honeywell - Confidential
Step 11: Select Multi-Mode to Program e-Mail

Multi-Mode

Total Connect e-mail notification feature

AlarmNet Communicator will emulate up to two 4204 relay modules to generate up to eight e-mail events

Not necessary to install physical 4204 relay modules on the panel
Step 11: Select Multi-Mode to Program E-mail

Two e-Mail Event Options:

4 e-mail events (4204 Sourced)

8 e-mail events (2 4204 Sourced)
Step 11: Select Multi-Mode to Program e-Mail

4 e-mail events (4204 Sourced)

- Communicator emulates a single 4204 relay module
- Requires programming the control panel to trigger an output based on a Zone, Zone List, Zone Type or System Event to send email messages
Step 11: Select Multi-Mode to Program e-Mail

8 e-mail events (2 4204 Sourced)

- Communicator emulates two 4204 relay modules
- Requires programming the control panel to trigger an output based on a Zone, Zone List, Zone Type or System Event to send email messages
- This option is only compatible with control panels that support more than one 4204 Relay module
Step 12: Select Multimode Address

Multimode is a set of virtual relays that are used to send e-mail notifications.

<table>
<thead>
<tr>
<th>Control Panel</th>
<th>Possible Starting Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4204 Sourced Mode</td>
</tr>
<tr>
<td>FA142C/Vista 10SE/20SE</td>
<td>1</td>
</tr>
<tr>
<td>FA130CP/Vista 10P</td>
<td>12</td>
</tr>
<tr>
<td>FA148CP/Vista-15P</td>
<td>12, 13</td>
</tr>
<tr>
<td>FA168CP/S Vista-20P</td>
<td>12 – 15</td>
</tr>
<tr>
<td>FA1220CV/Vista-40</td>
<td>01 – 15</td>
</tr>
<tr>
<td>FA1600C, FA1660C, FA1700C, 4149XMP,</td>
<td>01 – 30</td>
</tr>
<tr>
<td>Vista-50P, Vista-100, Vista-128B,</td>
<td></td>
</tr>
<tr>
<td>Vista-128FB, Vista-32FB, Vista-128BP,</td>
<td></td>
</tr>
<tr>
<td>Vista-250FBP, Vista-250FBP</td>
<td></td>
</tr>
<tr>
<td>ReadyGuard, LynxR.I Rev 16+</td>
<td>06, 07</td>
</tr>
</tbody>
</table>
Step 12: Select Multimode Address

Honeywell

HSC - AlarmNet® Services

Welcome

Mac: 00-00-10-16-51
Primary Acct: 99 0200

Current Device Mode: ECP

Remote Access
Keypad Address
Keypad Type
Multimode (email notification)
Multimode Address
Set Multi Partition View as Default

Sunday, April 25, 2010
Service Type: TS47-L
Step 13: Save Device Programming

Honeywell

HSC - AlarmNet® Services

Welcome: MAC: 00-00-00-00-00-00

Message from webpage:
- ECP Enabled
- Keypad Address: 6
- Keypad Type: Full Control
- Multimode (email notification): 24204 Sourced
- Multimode Address: 12
- Set Multi Partiton View as Default: 

Current Device Mode Form: ECP  Device Mode: ECP

Save
Save And Transfer
Data To Device
Printer-Friendly
Exit

UPDATE SAVED:
Notification command has been submitted for processing.
Processing of transfer command could take more than 5 minutes.
Write Transfer command may or may not cause a power-on reset.

OK
Step 14: Add End-User

Honeywell

Welcome to Honeywell's ISG - AlarmNet® Services.

SEARCH BY:
- Acct #: 65  62
- MAC ID:
- Remote Services:

Status Key:  Not Registered  Registered

MAC ID Key:  Search  Clear

Honeywell.com  ACS  Security  AlarmNet Services

Tuesday, April 27, 2010

Acct #: 99_2000
- Device Type: GEMX
- Transferred (EI): Never

Actions:
- Edit
- Upload
- Download
- Set Data
- Register

End User Add
Edit Service Level
Edit Subscriber
Device Status

HONEYWELL - CONFIDENTIAL
Step 14: Add End-User

Honeywell Security & Custom Electronics – AlarmNet® Services

Return to Show Programmed Devices page
Create End-User
Choose End-User Type.

End-User type:

- Create a new End-User
- Merge with an existing End-User (multi-site)

Return to Show Programmed Devices page
Step 14: Add End-User

END-USER LOGIN INFORMATION:
First Name: (Required)
Vincent

Last Name: (Required)
Carlon

E-mail address: (Required)
Vcarlon@securityalarms.com

User Phone (include area code): (Optional) 07 D0 D500

User Name: (Required)
SallyJones

Password: (Required)

Confirm Password: (Required)

Message from webpage
Please confirm your information (Create a new End-User):

- User Name: SallyJones
- Company Phone: 123-456-7890
- Address:
- Additional Address:
- City:
- State: AL
- Zip:
- Country: US
- Email:
- User Phone:

Return to Show Programmed Devices page
Step 14: Add End-User

Total Connect Services
Residential and Commercial Communications Solutions

Step-by-Step

Total Connect Video Services
- Select user in to view video on line
- Video may be viewed from web user pons telephones
- Video may also be viewed from a video monitor
- Video may also be viewed on a computer

Add Additional Users

Total Connect Services
Residential and Commercial Communications Solutions

Table of Contents
TCPGM-3
Step 14: Add End-User

- Create a new End-User
- Merge with an existing End-User (multi-site)

Return to Show Programmed Devices page
Step 15: Merge with Existing End-User

Honeywell Security & Custom Electronics – AlarmNet® Services

- Return to Show Programmed Devices page
- Create End-User

End-User Type:
- Create a new End-User
- Merge with an existing End-User (Quick view)

Account the End-User will be associated with:
- City - CND - 4CID:

Existing End-User:
- User Name of End User: (Required)
- E-mail Address of End User: (Required)
- Location: (Required)

[Show optional locations (listbox - click here)]

Submit  Clear  Return to Show Programmed Devices page
Step 16: Add Video Device

Honeywell

HSC - AlarmNet® Services

Welcome Victor Chapman.

Search by:
- Account #: 09, 22, 0200
- MAC ID: 09, 22, 0200
- Remote: All
- Service: All

Status Key:
- Not Registered
- Registered

Actions:
- Edit
- Delete
- Send Data
- Register
- Edit User
- Edit User-Delete
- Edit User-Unlock
- Edit User-Connect
- Edit User-Disconnect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
- Edit User-Unlock
- Edit User-Disconnect
- Edit User-Connect
- Edit User-Unlock
Step 16: Add Video Device

Honeywell

Honeywell Security & Custom Electronics - Altron Security

Video Device Management

No video devices are linked to this account

Add an IP Camera or an OptiFlex Video Controller to Account 86-97-0090

- Add an IP camera
- Add an OptiFlex Video Controller

VIDEO MAC ID:

Video Device Name:

Add Video Device

Return to Show Programmed Devices page

Honeywell - CONFIDENTIAL
Step 16: Add Video Device

Honeywell Security & Custom Electronics – AlarmNet® Services

Video Device Management

<table>
<thead>
<tr>
<th>Action</th>
<th>Type</th>
<th>Name of Video Device</th>
<th>MAC</th>
<th>Last Check in</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add/Calm</td>
<td>IP Camera</td>
<td>IP 3066EL</td>
<td>00:0000000000</td>
<td>02/20/2010</td>
<td>9.1.0.28000</td>
</tr>
<tr>
<td>Add/Calm</td>
<td>IP Camera</td>
<td>IP 3066EL</td>
<td>00:0000000000</td>
<td>02/20/2010</td>
<td>9.1.0.28000</td>
</tr>
</tbody>
</table>

Add an IP Camera or an Optiflex Video Controller to Account 95-24-9999

- Add an IP camera
- Add an Optiflex Video Controller

**Message from webpage**

- Add IP camera
- Add Optiflex Video Controller

- OK
- Cancel

Return to Show Programmed Devices page

Honeywell - Confidential
Step 16: Add Video Device

Honeywell Security & Custom Electronics – AlarmNet® Services

Video Device Management

<table>
<thead>
<tr>
<th>Action</th>
<th>Type</th>
<th>Name of Video Device</th>
<th>Mac</th>
<th>Last Check In</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>add/insert</td>
<td>IP Camera</td>
<td>IP 206CD1</td>
<td>0000022923E01</td>
<td>03/24/2018 26:12:05 GMT</td>
<td>V1.0.06000</td>
</tr>
<tr>
<td>edit/delete</td>
<td>IP Camera</td>
<td>IP 306DF3</td>
<td>0000022923E03</td>
<td>03/24/2018 26:12:05 GMT</td>
<td>V1.0.06000</td>
</tr>
<tr>
<td>edit/delete</td>
<td>IP PT 106DF4</td>
<td>IP 206CD1</td>
<td>0000022923E04</td>
<td>03/24/2018 26:12:05 GMT</td>
<td>V1.0.06000</td>
</tr>
</tbody>
</table>

Add an IP Camera or an Optiflex Video Controller to Account 99-24-0055

- Add an IP Camera
- Add an Optiflex Video Controller

VIDEO MAC ID:

Video Device Name:

Add Video Device

Return to Show Programmed Devices page

HONEYWELL - CONFIDENTIAL
Total Connect – AlarmNet Device Setup
ECP or 4204 Emulation Compatible Controls

The steps that follow will provide guidelines to enabling Total Connect features on your compatible AlarmNet Device. The features we will be enabling are Remote Access via the Total Connect website, Email Capabilities, and SMS Control.

These steps will explain the setup of the following device programming fields:
- Remote Access
- Keypad Type
- Keypad Address
- Multimode
- Multimode Address

Remote Access

Control panels that support addressable keypads and are compatible with AlarmNet devices in ECP or Emulation mode will support the Total Connect, Remote Access feature. This feature allows the consumer access to their security system via a web based virtual keypad.

The choice for “Remote Access” is enable or disable, as shown below.

<table>
<thead>
<tr>
<th>Remote Access</th>
<th>Enabled</th>
<th>Disabled</th>
</tr>
</thead>
</table>

Keypad Type

The Keypad Type is determined by the capabilities of the control panel, to which you are connecting the AlarmNet device. Your options are Keypad Only, Lynx Keypad, and Full Control.

Keypad Only
Select this option if the control panel supports addressable keypads, but does not support AUI devices (touch-screen keypads) or doesn’t have an available AUI address without an AUI attached.

Lynx Keypad
Select this option if the control panel is of the LynxR-i family control. The LynxR-i must be at least a Revision 16.

Full Control
Select this option if you are connecting the device to a control that has an available AUI address without an AUI attached.

Shown below is the Keypad Type programming field with its options shown.

<table>
<thead>
<tr>
<th>Keypad Type</th>
<th>Keypad Only</th>
<th>Lynx Keypad</th>
<th>Full Control</th>
</tr>
</thead>
</table>

Keypad Address

The “Keypad Address” field, sets the address of the keypad the AlarmNet device will emulate to control the system remotely via the web base virtual keypad or SMS control. Formally, this field was only used when the “Enable Direct Wire” option was selected. Below is a list of available addresses for each panel type or panel family. In all cases, this device address must be enabled in the control, and there must not be a keypad attached, programmed to this address.

<table>
<thead>
<tr>
<th>Control Panel Family</th>
<th>Full Mode Addresses</th>
<th>Keypad Only Addresses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vista 10P</td>
<td>N/A</td>
<td>16 – 23</td>
</tr>
<tr>
<td>Vista-128BP, Vista-250BP, Vista-128FBP, Vista-250FBP</td>
<td>N/A</td>
<td>01 – 30</td>
</tr>
<tr>
<td>LynxR-i Rev 16+</td>
<td>Lynx Keypad Address 01</td>
<td></td>
</tr>
</tbody>
</table>

Select the appropriate Keypad Address using the Keypad Address field, shown below. This programming field is the third field in programming and is skipped until “Enable Direct Wire” or “Remote Access” is enabled. If using the 7720P programmer, you will need to return to this field to set the address after enabling Remote Access, if you are not enabling IP/Direct Wire downloading.

Multimode

Multimode enables the email feature of Total Connect. When used in ECP mode you will need to select which multimode you will be using, “4204 Sourced” or “2 4204 Sourced” or “Disabled. The AlarmNet device will emulate a 4204 relay module; therefore no additional equipment is required.

Note: Multimode is not available when the AlarmNet device is used in 4204 or 2-4204 Emulation mode.

4204 Sourced
Select this option to provide four system events to trigger email messages via output programming of the control panel.

2 4204 Sourced
Select this option to provide eight system events to trigger email messages via output programming of the control panel. This option is only available on control panels that support more than one 4204 Relay modules and on the LynxR-i revision 16+ family controls.
**Multimode Address**

The Multimode Address is the address of the first 4204 Relay module it will be emulating for Multimode. If you are using “2 4204 Sourced”, the second relay module address will be the next higher address. For example, if you select Multimode Address 12, the second address it will emulate will be address 13.

Below is a list of addresses available for each panel type or panel family.

<table>
<thead>
<tr>
<th>Control Panel</th>
<th>Possible Starting Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Family</td>
<td>4204 Sourced Mode</td>
</tr>
<tr>
<td>Vista 10SE/20SE</td>
<td>01</td>
</tr>
<tr>
<td>Vista 10P</td>
<td>12</td>
</tr>
<tr>
<td>Vista-15P</td>
<td>12, 13</td>
</tr>
<tr>
<td>Vista-20P</td>
<td>12 – 15</td>
</tr>
<tr>
<td>Vista-40</td>
<td>01 – 15</td>
</tr>
<tr>
<td>LynxR-I Rev 16+</td>
<td>06, 07</td>
</tr>
</tbody>
</table>

**Part 2 – Total Connect Zone Mode**

When using the AlarmNet device on a control panel that does not support ECP or Emulation mode and want to enable Total Connect email services, follow the steps outlined below. Remember, only the AlarmNet supervisory messages will be sent to the AlarmNet Network Control Center. All other messages, including tamper will be reported via email only.

The following programming options will be explained in this section.

- Multimode
- Zone Trigger Type
- Zone Inverted
- Zone Restore
- Zone Delay
- Zone Report On Arm

**Multimode**

To cause the zone inputs to trigger email messages and NOT send alarm messages to the AlarmNet Network Control Center, select “ENABLE” for the Multimode option, as shown below.

```
Multimode
```

Options:
- Disabled
- Enabled
Zone Event Assignments

Each zone input will trigger the corresponding event number message to be sent. A pulsing activation on Zone Input 1/2 will cause event message one to be sent. A steady activation on this same input will cause event message two to be sent. If the “Lynx Panic” option is enabled, a three second input on this same input will cause event message three to be sent. Finally, if the tamper is violated, event message eight will be sent.

Zone Trigger Type

Select the electrical properties of the trigger you are connecting to the zone input on the AlarmNet device. The available choices are V+, V- and EOLR. If the trigger being connected is a dry contact, select EOLR and use a 2k ohm resistor in series for a normally closed contact or in parallel for a normally open contact.

Zone Inverted

This option will allow you to invert the zone response. Selection of this option would cause the zone to trigger the activated event message in the normal state. For example, if a zone is programmed for V+ and is inverted, the absence of voltage would cause the activated message to be sent and the presence of voltage would cause the deactivated message to be sent.

Zone Restore

This option allows the deactivated message to be triggered upon the restoral of the zone input. Enable by default, if deselected the device will only trigger the activated message and never trigger the deactivated message.

Note: If the “Lynx Panic” option is enabled, event message three will never send a deactivated message. When using this option, this zone does not trigger a restore, since the activation is triggered by a three second input.

Zone Delay

This option defines how long (in seconds) the zone input must be active before an event message is triggered. If a delay of zero is selected, the activated message will be triggered immediately. You have the option to select a delay from one to fifteen seconds.

Zone Report On Arm

This option prevents the zone from triggering a message unless the device is in its armed state. When this option is enabled for any zone, zone input 7 determines the arming status of the device. If zone 7 is active, the device is armed. If zone 7 is restored, the device is disarmed.

Below, all of the options described above options are shown.

<table>
<thead>
<tr>
<th>Zone</th>
<th>Zone Trigger Type</th>
<th>Zone Inverted</th>
<th>Zone Restore</th>
<th>Zone Delays</th>
<th>Zone Report On Arm</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>V+</td>
<td>✔️</td>
<td>✔️</td>
<td>0 seconds</td>
<td>✔️</td>
</tr>
<tr>
<td>2</td>
<td>V+ V- EOLR</td>
<td>□</td>
<td>✔️</td>
<td>0 seconds</td>
<td>□</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>□</td>
<td>✔️</td>
<td>0 seconds</td>
<td>□</td>
</tr>
</tbody>
</table>
Total Connect – Vista Output Programming
Vista Low – SE Series

The steps that follow will guide you through enabling the panel to communicate to the AlarmNet device for 4204 Sourced Multimode.

Enable 4204 Device

1. Enter panel programming using, “{installer code} + 8, 0, 0”.
2. Press, “*25” to access the “Wired Zone Expansion” option, and press “3” as the value to enable the panel to communicate to the AlarmNet device as a 4204 relay module. If using the Vista-10SE, this field will be called, “Output Relay Module”.

Note: This option will not be available if already using a 4219 or 4229 wired expansion device.

Output Programming Overview

The following section will guide you through entering Output Programming, and each screen that will be shown while programming.

1. Enter panel programming using, “{installer code} + 8, 0, 0”.
2. Press, “*80” to enter Device Program”.
3. To program an output, enter the two digit device number, followed by star (*). This device or output number will be displayed in the upper left corner throughout the output programming sequence.
4. The first two screens you will see, after selecting the output, are summary screens. The first is a summary of the Start or Activating options, while the second is a summary of the Stop or Deactivating options. These screens are shown at the beginning and end of each output. To advance through any screen in Output Programming, press the star (*) key; these screens are shown below.

```
START or ACTIVATION
A = Action
EV = Event
ZL = Zone List
ZT = Zone Type / Operation
P = Partition Number

STOP or DEACTIVATION
A = Action
ZL = Zone List
ZT = Zone Type / Operation
P = Partition Number
```

After advancing past the summary screens you are ready to review and change the values of the output selected. Below each screen will be shown and described, but will not be shown within the steps for each scenario.

The Output Action determines how this trigger will respond. Since a message will be triggered each time the output changes states, we will use the actions of “2-Close and Stay Closed” or “4-Toggle On/Off Alternately”.

The Start Event is used ONLY in conjunction with Zone List. This will be used for scenarios that are activated by a specific zone number or a list of zones. Otherwise, it will remain at its default value of 0-Not Used. Other options available are, 1 = Alarm; 2 = Fault; 3 = Trouble.
The Start Zone List will be used when one or more zones is needed to trigger a message. This number will reference a list of zones to be programmed later.

Start Zone Type is the most common way to activate an output and trigger a message. The title “Zone Type” actually means Zone Type or System Operation. There are over 40 different options that can be used at this entry. When the Zone Type entered is faulted or the condition exists, the output will activate.

The Start Partition entry is ONLY used in conjunction with Start Zone Type. The entry of a partition number here will allow only the selected zone type to activate the output if it is assigned to that partition. Entry of zero will allow the selected zone type on any partition to activate the output.

Stop Zone List is used to deactivate an output when all zones contained in the specified zone list have restored.

Stop Zone Type is the most common way to deactivate an output and trigger a deactivation message. The title “Zone Type” actually means Zone Type or System Operation. There are over 40 different options that can be used at this entry. When the Zone Type, Operation or Condition entered is restored, the output will deactivate.

The Stop Partition entry is ONLY used in conjunction with Stop Zone Type. The entry of a partition number here will allow only the selected zone type to deactivate the output if it is assigned to that partition. Entry of zero will allow the selected zone type on any partition to deactivate the output.

If you are using a Vista-20SE or First Alert equivalent, you will see this last question. When using other panels, that do not support X-10 devices, you will not see this question. Since our AlarmNet device is emulating a 4204 relay module, you will need to select “0” for “No” to the “X-10 Device?” prompt.

**Output Programming Scenarios**

This section contains the steps required to program several common output programming scenarios, which are listed below. Each scenario will be explained as if you are already at the “Device Action” prompt.

**Common Scenarios**

- Arming Away
- Arming Stay
- Any Burg Alarm
- Any Fire Alarm
- Silent Panic Alarm
- Audible Panic Alarm
- Medical Panic Alarm
- Duress Code Entry
- Zone Open/Close
- AC Power Failure
- System Low Battery
- System Trouble

---

**Table of Contents**

TCPGM-5

Updated 4/11/11
**Arming Away**

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “0” followed by star (*), at the Start Zone List prompt.
4. Enter “21” followed by star (*), for “Arming Away”, at the Start Zone Type prompt.
5. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
6. Enter a “0” followed by star (*), at the Stop Zone List prompt.
7. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
8. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.

**Arming Stay**

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “0” followed by star (*), at the Start Zone List prompt.
4. Enter “20” followed by star (*), for “Arming Stay”, at the Start Zone Type prompt.
5. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
6. Enter a “0” followed by star (*), at the Stop Zone List prompt.
7. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
8. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.

**Any Burg Alarm**

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “0” followed by star (*), at the Start Zone List prompt.
4. Enter “33” followed by star (*), for “Any Burg Alarm”, at the Start Zone Type prompt.
5. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
6. Enter a “0” followed by star (*), at the Stop Zone List prompt.
7. Enter “36” followed by star (*), for “At Bell Timeout or Disarming”, at the Stop Zone Type prompt.
8. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.

**Any Fire Alarm**

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “0” followed by star (*), at the Start Zone List prompt.
4. Enter “39” followed by star (*), for “Any Fire Alarm”, at the Start Zone Type prompt.
5. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
6. Enter a “0” followed by star (*), at the Stop Zone List prompt.
7. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
8. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
Silent Panic Alarm

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “0” followed by star (*), at the Start Zone List prompt.
4. Enter “06” followed by star (*), for “Silent Panic”, at the Start Zone Type prompt.
5. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
6. Enter a “0” followed by star (*), at the Stop Zone List prompt.
7. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
8. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.

Audible Panic Alarm

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “0” followed by star (*), at the Start Zone List prompt.
4. Enter “07” followed by star (*), for “Audible Panic”, at the Start Zone Type prompt.
5. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
6. Enter a “0” followed by star (*), at the Stop Zone List prompt.
7. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
8. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.

Medical Panic Alarm

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “0” followed by star (*), at the Start Zone List prompt.
4. Enter “08” followed by star (*), for “24 Hr AUX/Medical”, at the Start Zone Type prompt.
5. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
6. Enter a “0” followed by star (*), at the Stop Zone List prompt.
7. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
8. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.

Duress Code Entry

1. For Action, enter “4”, for Toggle On/Off Alternately, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “0” followed by star (*), at the Start Zone List prompt.
4. Enter “58” followed by star (*), for “Duress”, at the Start Zone Type prompt.
5. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
6. Enter a “0” followed by star (*), at the Stop Zone List prompt.
7. Enter “00” followed by star (*), at the Stop Zone Type prompt.
8. Enter a “0” followed by star (*), at the Stop Partition prompt.
Zone or Multiple Zone Open/Close

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “2” followed by star (*), for “Fault”, at the Start Event prompt.
3. Enter “1” followed by star (*), at the Start Zone List prompt. Note: Any zone list number can be used, just remember to add the zones to the appropriate zone list.
4. Enter “0” followed by star (*), at the Start Partition prompt
5. Enter “1” followed by star (*), at the Start Zone List prompt. Note: The Stop Zone List number should match the Start Zone List number if you want the restoral of all zones on this list to trigger the deactivation message.
6. Enter “00” followed by star (*), at the Stop Zone Type prompt. Note: You may optionally choose to enter a zone type here, such as “22-Disarming”, if you want to send the deactivation message upon disarming instead of restoral of the zones in the zone list. Remember to enter a zero in the Stop Zone List option if making this change.
7. Enter a “0” followed by star (*), at the Stop Partition prompt

Zone List Programming

1. After exiting output programming, press “*81”, to enter “Zone List Programming”.
2. The next prompt you see will be “Enter Zn List?”, press “01” followed by star (*), to enter zones into Zone List 01.

```
Zone List No.
(00 = Quit)  01
```

3. Next, enter the two digit zone number followed by star (*). Repeat this procedure for each zone needed to be entered into the zone list. Note: The screen will return to the one shown below after each entry.

```
01 Enter Zn Num.
(00 = Quit)  00
```

4. To quit entering zones press “00” followed by star (*).

```
01 Del Zn List?
0 = No  1 = Yes  0
```

5. To save the list entered, press “0”.
6. To exit press “0” at the “DEL Zones” prompt.

```
01 Delete Zone?
0 = No  1 = Yes  0
```
AC Power Failure

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “0” followed by star (*), at the Start Zone List prompt.
4. Enter “41” followed by star (*), for “AC Power Fail”, at the Start Zone Type prompt.
5. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
6. Enter a “0” followed by star (*), at the Stop Zone List prompt.
7. Enter “41” followed by star (*), for “AC Power Fail”, at the Stop Zone Type prompt.
8. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.

System Low Battery

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “0” followed by star (*), at the Start Zone List prompt.
4. Enter “42” followed by star (*), for “System Low Battery”, at the Start Zone Type prompt.
5. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
6. Enter a “0” followed by star (*), at the Stop Zone List prompt.
7. Enter “42” followed by star (*), for “System Low Battery”, at the Stop Zone Type prompt.
8. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.

Zone Trouble

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “0” followed by star (*), at the Start Zone List prompt.
4. Enter “05” followed by star (*), for “Trouble Day/Night Alarm”, at the Start Zone Type prompt.
5. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
6. Enter a “0” followed by star (*), at the Stop Zone List prompt.
7. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
8. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.

Note: Optionally, you may use the Zone or Multiple Zone Open/Close method to trigger a message. To do this you would need to select an option of “3-Trouble” at the “Start Event” prompt, and enter the zones to be monitored into a zone list.
Exit Output and Panel Programming

1. To exit output programming press “00” followed by star (*), at the “Enter Device No.” prompt.
2. Next, press “*99” to exit panel programming.

For more information about output programming, please refer to the Programming Instructions for the specific panel you are installing the AlarmNet device to. If you need further assistance after reading and using these instructions, please contact the Honeywell Technical Support center at 800-645-7492 for panel support or AlarmNet Technical Support at 800-222-6525 for AlarmNet device or Total Connect support.
Total Connect – Vista Output Programming
Vista Low – Plus Series

The steps that follow will guide you through enabling the panel to communicate to the AlarmNet device for 4204 Sourced Multimode, and commonly used output programming scenarios. Programming outputs is a multi-step process, first the output must be mapped to the address of the module it resides on. Next, you must program an output function to activate the device; and finally, an output function must be programmed to deactivate the device. We will show these steps as done from the keypad and Compass.

Map Outputs

When using the AlarmNet device on a Vista-10P or FA130CP, only four event messages are available. All other Plus series panels in this family of products can trigger up to eight messages, as these panels will support more than one 4204 relay module.

Enter panel programming using, “{installer code} + 8, 0, 0”.

1. Press, “*79” to access “Device Mapping”.

2. At the “Enter Output No.” prompt, you will enter “01” followed by star (*), or the next output you are mapping (01 to 08).

   **ENTER OUTPUT NO.**
   
   | 00 = QUIT | xx |

   **XX OUTPUT TYPE**
   
   | DELETE | 0 |

3. The “Output Type” prompt will appear next; press “1” for “Relay”, followed by star (*).

4. Next you will need to assign the address where the output will be found. For the outputs 01 to 04, you will need to enter “12” followed by star (*). For outputs 05 to 08, you will need to enter “13” followed by star (*).

   **XX MODULE ADDR**
   
   | 07-15 | yy |

   **XX REL POSITION**
   
   | 1-4 | zz |

5. After assigning the address, you will need to assign the relay position, at the “Rel Position” prompt. The position for outputs 1 to 4 will match the output number. For outputs 5 to 8, you will need to enter 1 to 4 again, since these are found on a different address. To do this press “1 to 4” followed by star (*).

6. At this point you will need to repeat the procedure until all outputs are mapped. Remember, the Vista-10P and FA130CP will only support four outputs.
Step-by-Step

Mapped Outputs Programmed with Compass Downloader:

Output Function Programming Overview

The following section will guide you through entering Output Function Programming, and each screen that will be shown while programming outputs to activate and deactivate, when activating by Zone Type function. To activate by zone number or zone list, these screens will be shown later in the scenarios section.

1. Enter panel programming using, “{installer code} + 8, 0, 0”.
2. Press, “*80” to enter “Output Function Program”.
3. To program an output, enter the two digit output function number, followed by star (*). This device or output number will be displayed in the upper left corner throughout the output function programming sequence.
4. The first screen you will see, after selecting the output function, is the summary screen. This screen is shown at the beginning and end of each output function. To advance through any screen in Output Function Programming, press the star (*) key; these screens are shown below.

<table>
<thead>
<tr>
<th>Output Number</th>
<th>X-10/ Relay Select</th>
<th>Device Address</th>
<th>Unit Code</th>
<th>Position Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Relay</td>
<td>12</td>
<td>N/A</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Relay</td>
<td>12</td>
<td>N/A</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>Relay</td>
<td>12</td>
<td>N/A</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>Relay</td>
<td>12</td>
<td>N/A</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>Relay</td>
<td>13</td>
<td>N/A</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>Relay</td>
<td>13</td>
<td>N/A</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>Relay</td>
<td>13</td>
<td>N/A</td>
<td>3</td>
</tr>
<tr>
<td>8</td>
<td>Relay</td>
<td>13</td>
<td>N/A</td>
<td>4</td>
</tr>
<tr>
<td>9</td>
<td>Relay</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>10</td>
<td>Relay</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>11</td>
<td>Relay</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

After advancing past the summary screen you are ready to review and change the values of the output function selected. Below each screen will be shown and described, but will not be shown within the steps for each scenario.

The Output Action determines what will be controlling this output function. Your choices are 1-Zone List, 2-Zone Type, or 3-Zone Number. For most of our scenarios, we will use 2-Zone Type.
Zone Type is the most common way to activate an output and trigger a message. The title “Zone Type” actually means Zone Type or System Operation. There are over 40 different options that can be used at this entry. When the Zone Type entered is faulted or the condition exists, the output will react.

The entry of a partition number here will allow only the selected zone type to activate the output if it is assigned to that partition. Entry of zero will allow the selected zone type on any partition to affect the output.

The Output Action determines how the output assigned will react when the conditions of the function are met. Available options are: 0-Off; 1-Close for 2 Sec; 2-Stay Closed; 3-Pulse On/Off; 4-Change Device State; 5-Close for Duration 1; and 6-Close for Duration 2. For our scenarios, we will be using 2-Stay Closed and 1-Off for most of our examples.

The Output Number is the actual Output that we are assigning to this output function program. This output must have been previously mapped to an ECP address in Device Mapping, i.e. 01-08

**Output Programming Scenarios**

This section contains the steps required to program several common output programming scenarios, which are listed below. Each scenario will be explained as if you are already at the “Activated by” prompt.

**Common Scenarios**

- **Arming Away**
  - **Silent Panic Alarm**
  - **Audible Panic Alarm**
  - **Medical Panic Alarm**
  - **Duress Code Entry**

- **Zone Open/Close**
- **AC Power Failure**
- **System Low Battery**
- **System Trouble**

**Arming Away**

1. For the “Activated by” prompt, enter “2”, for “Zone Type”, followed by the star (*).
2. Enter “21” followed by star (*), for “Arming Away”, at the Start Zone Type prompt.
3. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
4. For Action, enter “2”, for “Stay Closed”, followed by the star (*).
5. At the “Output No.” prompt enter the number you are programming, followed by star (*).
6. At the summary screen press star (*) to advance.
7. At the “Output Funct. #” prompt, press star (*) to advised to the next Output Function.
8. At the summary screen press star (*) to advance.
9. For the “Activated by” prompt, enter “2”, for “Zone Type”, followed by the star (*).
10. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
11. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
12. For Action, enter “0”, for “Off”, followed by the star (*).
13. At the “Output No.” prompt enter the number you are programming followed by star (*)
1. For the “Activated by” prompt, enter “2”, for “Zone Type”, followed by the star (*).
2. Enter “20” followed by star (*), for “Arming Stay”, at the Start Zone Type prompt.
3. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
4. For Action, enter “2”, for “Stay Closed”, followed by the star (*).
5. At the “Output No.” prompt enter the number you are programming followed by star (*).
6. At the summary screen press star (*) to advance.
7. At the “Output Funct. #” prompt, press star (*) to advised to the next Output Function.
8. At the summary screen press star (*) to advance.
9. For the “Activated by” prompt, enter “2”, for “Zone Type”, followed by the star (*).
10. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
11. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
12. For Action, enter “0”, for “Off”, followed by the star (*).
13. At the “Output No.” prompt enter the number you are programming followed by star (*).

Any Burg Alarm

1. For the “Activated by” prompt, enter “2”, for “Zone Type”, followed by the star (*).
2. Enter “33” followed by star (*), for “Any Burg Alarm”, at the Start Zone Type prompt.
3. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
4. For Action, enter “2”, for “Stay Closed”, followed by the star (*).
5. At the “Output No.” prompt enter the number you are programming followed by star (*).
6. At the summary screen press star (*) to advance.
7. At the “Output Funct. #” prompt, press star (*) to advised to the next Output Function.
8. At the summary screen press star (*) to advance.
9. For the “Activated by” prompt, enter “2”, for “Zone Type”, followed by the star (*).
10. Enter “36” followed by star (*), for “Bell Time-out or Disarming”, at the Stop Zone Type prompt.
11. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
12. For Action, enter “0”, for “Off”, followed by the star (*).
13. At the “Output No.” prompt enter the number you are programming followed by star (*).

Any Fire Alarm

1. For the “Activated by” prompt, enter “2”, for “Zone Type”, followed by the star (*).
2. Enter “39” followed by star (*), for “Any Fire Alarm”, at the Start Zone Type prompt.
3. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
4. For Action, enter “2”, for “Stay Closed”, followed by the star (*).
5. At the “Output No.” prompt enter the number you are programming followed by star (*).
6. At the summary screen press star (*) to advance.
7. At the “Output Funct. #” prompt, press star (*) to advised to the next Output Function.
8. At the summary screen press star (*) to advance.
9. For the “Activated by” prompt, enter “2”, for “Zone Type”, followed by the star (*).
10. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
11. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
12. For Action, enter “0”, for “Off”, followed by the star (*).
13. At the “Output No.” prompt enter the number you are programming followed by star (*).

Silent Panic Alarm
1. For the “Activated by” prompt, enter “2”, for “Zone Type”, followed by the star (*).
2. Enter “06” followed by star (*), for “Silent Panic”, at the Start Zone Type prompt.
3. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
4. For Action, enter “2”, for “Stay Closed”, followed by the star (*).
5. At the “Output No.” prompt enter the number you are programming followed by star (*).
6. At the summary screen press star (*) to advance.
7. At the “Output Funct. #” prompt, press star (*) to advised to the next Output Function.
8. At the summary screen press star (*) to advance.
9. For the “Activated by” prompt, enter “2”, for “Zone Type”, followed by the star (*).
10. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
11. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
12. For Action, enter “0”, for “Off”, followed by the star (*).
13. At the “Output No.” prompt enter the number you are programming followed by star (*).

Audible Panic Alarm

1. For the “Activated by” prompt, enter “2”, for “Zone Type”, followed by the star (*).
2. Enter “07” followed by star (*), for “Audible Panic”, at the Start Zone Type prompt.
3. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
4. For Action, enter “2”, for “Stay Closed”, followed by the star (*).
5. At the “Output No.” prompt enter the number you are programming followed by star (*).
6. At the summary screen press star (*) to advance.
7. At the “Output Funct. #” prompt, press star (*) to advised to the next Output Function.
8. At the summary screen press star (*) to advance.
9. For the “Activated by” prompt, enter “2”, for “Zone Type”, followed by the star (*).
10. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
11. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
12. For Action, enter “0”, for “Off”, followed by the star (*).
13. At the “Output No.” prompt enter the number you are programming followed by star (*).

Medical Panic Alarm

1. For the “Activated by” prompt, enter “2”, for “Zone Type”, followed by the star (*).
2. Enter “08” followed by star (*), for “24 Hour Aux”, at the Start Zone Type prompt.
3. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
4. For Action, enter “2”, for “Stay Closed”, followed by the star (*).
5. At the “Output No.” prompt enter the number you are programming followed by star (*)..
6. At the summary screen press star (*) to advance.
7. At the “Output Funct. #” prompt, press star (*) to advised to the next Output Function.
8. At the summary screen press star (*) to advance.
9. For the “Activated by” prompt, enter “2”, for “Zone Type”, followed by the star (*).
10. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
11. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
12. For Action, enter “0”, for “Off”, followed by the star (*).
13. At the “Output No.” prompt enter the number you are programming followed by star (*).
1. For the “Activated by” prompt, enter “2”, for “Zone Type”, followed by the star (*).
2. Enter “58” followed by star (*), for “Duress”, at the Start Zone Type prompt.
3. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using
   a single partition, select “0” for Any Partition.
4. For Action, enter “4”, for “Change Device State”, followed by the star (*).
5. At the “Output No.” prompt enter the number you are programming followed by star (*).

All 8 Outputs above shown programmed in Compass Downloader

<table>
<thead>
<tr>
<th>Output Function Number</th>
<th>Trigger Type</th>
<th>Zone Number</th>
<th>Zone List</th>
<th>Zone Type</th>
<th>Partition Number</th>
<th>Zone List Event</th>
<th>Zone Number Event</th>
<th>Device Action</th>
<th>Device Number</th>
<th>Device Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>N/A</td>
<td>N/A</td>
<td>21</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>2</td>
<td>1</td>
<td>Relay</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>N/A</td>
<td>N/A</td>
<td>22</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>0</td>
<td>1</td>
<td>Relay</td>
</tr>
<tr>
<td>3</td>
<td>2</td>
<td>N/A</td>
<td>N/A</td>
<td>20</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>2</td>
<td>2</td>
<td>Relay</td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>N/A</td>
<td>N/A</td>
<td>22</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>0</td>
<td>2</td>
<td>Relay</td>
</tr>
<tr>
<td>5</td>
<td>2</td>
<td>N/A</td>
<td>N/A</td>
<td>33</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>2</td>
<td>3</td>
<td>Relay</td>
</tr>
<tr>
<td>6</td>
<td>2</td>
<td>N/A</td>
<td>N/A</td>
<td>36</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>0</td>
<td>3</td>
<td>Relay</td>
</tr>
<tr>
<td>7</td>
<td>2</td>
<td>N/A</td>
<td>N/A</td>
<td>39</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>2</td>
<td>4</td>
<td>Relay</td>
</tr>
<tr>
<td>8</td>
<td>2</td>
<td>N/A</td>
<td>N/A</td>
<td>22</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>0</td>
<td>4</td>
<td>Relay</td>
</tr>
<tr>
<td>9</td>
<td>2</td>
<td>N/A</td>
<td>N/A</td>
<td>06</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>2</td>
<td>5</td>
<td>Relay</td>
</tr>
<tr>
<td>10</td>
<td>2</td>
<td>N/A</td>
<td>N/A</td>
<td>22</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>0</td>
<td>5</td>
<td>Relay</td>
</tr>
<tr>
<td>11</td>
<td>2</td>
<td>N/A</td>
<td>N/A</td>
<td>07</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>2</td>
<td>6</td>
<td>Relay</td>
</tr>
<tr>
<td>12</td>
<td>2</td>
<td>N/A</td>
<td>N/A</td>
<td>22</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>0</td>
<td>6</td>
<td>Relay</td>
</tr>
<tr>
<td>13</td>
<td>2</td>
<td>N/A</td>
<td>N/A</td>
<td>08</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>2</td>
<td>7</td>
<td>Relay</td>
</tr>
<tr>
<td>14</td>
<td>2</td>
<td>N/A</td>
<td>N/A</td>
<td>22</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>0</td>
<td>7</td>
<td>Relay</td>
</tr>
<tr>
<td>15</td>
<td>2</td>
<td>N/A</td>
<td>N/A</td>
<td>58</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>4</td>
<td>9</td>
<td>Relay</td>
</tr>
</tbody>
</table>

Zone Open/Close

1. For the “Activated by” prompt, enter “3”, for “Zone Number”, followed by the star (*).
2. Next, you will see the “Enter Zone No” prompt; enter the two digit zone number, such as “01”, followed by star (*).

At the “Enter Event” prompt, press “1”, for “Alarm, Fault or Trouble”.
4. For Action, enter “2”, for “Stay Closed”, followed by the star (*).
5. At the “Output No.” prompt enter the number you are programming followed by star (*).
6. At the summary screen press star (*) to advance.
7. At the “Output Funct. #” prompt, press star (*) to advised to the next Output Function.
8. At the summary screen press star (*) to advance.
9. At the “Activated by” prompt, enter “3”, for “Zone Number”, followed by the star (*).
10. At the “Enter Zone No” prompt; enter the same two digit zone number, such as “01”, followed by star (*).
11. At the “Enter Event” prompt, press “0”, for “Restore”
12. For Action, enter “0”, for “Off”, followed by the star (*).
13. At the “Output No.” prompt enter the number you are programming followed by star (*).

Multiple Zone Open/Close
1. For the “Activated by” prompt, enter “1”, for “Zone List”, followed by the star (*).
2. Next, you will be see the, “Zone List” prompt; enter the zone list number, such as “1”, followed by star (*)

   ![Zone List](01 Zn List 1)

   ![Enter Event](Fault 2)

3. At the “Enter Event” prompt, press “2”, for “Fault”. *Note: Optionally, you could enter “0-Restore”, “1-Alarm” or “3-Trouble” to activate this output.*
4. For Action, enter “2”, for “Stay Closed”, followed by the star (*).
5. At the “Output No.” prompt enter the number you are programming followed by star (*).
6. At the summary screen press star (*) to advance.
7. At the “Output Funct. #” prompt, press star (*) to advised to the next Output Function.
8. At the summary screen press star (*) to advance.
9. At the “Activated by” prompt, enter “1”, for “Zone List”, followed by the star (*).
10. At the “Enter Event” prompt, press “0”, for “Restore”.
11. For Action, enter “0”, for “Off”, followed by the star (*).
12. At the “Output No.” prompt enter the number you are programming followed by star (*).

**Zone Outputs above shown programmed in Compass Downloader**

<table>
<thead>
<tr>
<th>Output Function Number</th>
<th>Trigger Type</th>
<th>Zone Number</th>
<th>Zone List</th>
<th>Zone Type</th>
<th>Partition Number</th>
<th>Zone List Event</th>
<th>Zone Number Event</th>
<th>Device Action</th>
<th>Device Number</th>
<th>Device Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3</td>
<td>1</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>Relay</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>1</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>Relay</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>N/A</td>
<td>1</td>
<td>N/A</td>
<td>N/A</td>
<td>2</td>
<td>N/A</td>
<td>2</td>
<td>Relay</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>N/A</td>
<td>1</td>
<td>N/A</td>
<td>N/A</td>
<td>0</td>
<td>N/A</td>
<td>2</td>
<td>Relay</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td></td>
</tr>
</tbody>
</table>

**Zone List Programming**

1. After exiting output programming, press “*81”, to enter “Zone List Programming”.
2. The next prompt you see will be “Enter Zn List?”, press “01” followed by star (*), to enter zones into Zone List 01. Valid entries are from 01 to 12.

   ![Zone List](Zone List No. (00 = Quit) 01)

3. Next, enter the two digit zone number followed by star (*). Repeat this procedure for each zone needed to be entered into the zone list. *Note: The screen will return to the one shown below after each entry.*

   ![Enter Zn Num](01 Enter Zn Num. (00 = Quit) 00)

4. To quit entering zones press “00” followed by star (*).
Step-by-Step

5. To save the list entered, press “0”.
6. To exit press “0” at the “DEL Zones” prompt.

01 Delete Zone?

0 = No 1 = Yes 0

Zone List programming shown in Compass Downloader

<table>
<thead>
<tr>
<th>ZONE</th>
<th>ZONE DESCRIPTION</th>
<th>List 1</th>
<th>List 2</th>
<th>List 3 Chime if enabled</th>
<th>List 4 Cross Zone Timer if</th>
<th>List 5 Night Stay if enabled</th>
<th>List 6</th>
<th>List 7</th>
<th>List 8</th>
<th>List 9 Pages 1 Reporting List</th>
<th>List 10 Pages 2 Reporting List</th>
<th>List 10 Pages 3 Reporting List</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

AC Power Failure

1. For the “Activated by” prompt, enter “2”, for “Zone Type”, followed by the star (*).
2. Enter “41” followed by star (*), for “AC Power Fail”, at the Start Zone Type prompt.
3. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
4. For Action, enter “4”, for “Changed Device States”, followed by the star (*).

System Low Battery

1. For the “Activated by” prompt, enter “2”, for “Zone Type”, followed by the star (*).
2. Enter “42” followed by star (*), for “Low System Battery”, at the Start Zone Type prompt.
3. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
4. For Action, enter “4”, for “Changed Device States”, followed by the star (*).

Both Outputs above shown programmed in Compass Downloader
Exit Output and Panel Programming

1. To exit output programming press “00” followed by star (*), at the “Output Funct. #.” prompt.
2. Next, press “*99” to exit panel programming.

On the Total Connect ‘Configure Email Notification’ Web page, the Events should be set up like this...

Note that AC Loss and System Low Battery do not send restore. Both Normal and Activated should be set as shown.

For more information about output programming, please refer to the Programming Instructions for the specific panel you are installing the AlarmNet device to. If you need further assistance after reading and using these instructions, please contact the Honeywell Technical Support center at 800-645-7492 for panel support or AlarmNet Technical Support at 800-222-6525 for AlarmNet device or Total Connect support.
Total Connect – Vista Output Programming  
Vista High – Plus Series

The steps that follow will guide you through device programming and provide you with common output programming scenarios.

**Device Program Setup**

These steps will guide you through complete device setup in Device programming; including Primary Device Address, Keypad Address, and Multimode Address.

1. Enter panel programming using, “{installer code} + 8, 0, 0, 0”.
2. Press, “# 93” to enter Menu Mode and select “DEVICE PROG?” by pressing “1” at this prompt. You will need to press “0” until this prompt is reached.

3. Next, enter the Device Address for the AlarmNet device. Do this by entering “03” followed by the asterisk or star (*).
4. Now you will need to enter the device type; press “06” followed by the star.

5. Programming of the AlarmNet device is not covered in these steps, at the “Program LRR?” prompt, press “0” for No, and you will return to the Device Address prompt.
6. Enter Device address “12” for the Multimode Address by pressing, “12” followed by star (*).
7. At the Device type prompt, press “04” for Output Device and press the star (*).

8. Next, at the “Supervised CF” prompt, press “0” for No, followed by star (*), and you will return to the Device Address prompt.
9. Enter Device Address “06” for the Remote Access and Direct Wire Keypad address by pressing, “06” following by star (*).
10. At the Device Type prompt, press “01”, for Alpha Console, followed by star (*).

11. Next, at the “Console Part” prompt, you will need to press “1” followed by star (*).
12. The “Sounder Option” should be left at it’s default value of zero; therefore press “0” followed by star (*).
13. Next, at the “Keypad GLBL” prompt, you will need to press “0” followed by star, to disable global arming from this keypad.

14. At the “AUI ?” prompt you will enter a value of “1” or “0” followed by star (*). Enter a “1”, if you are enabling the AlarmNet device for “Full Control” and are not already using three AUI devices on the panel. Enter a value of “0” if you are enabling the AlarmNet device for “Keypad Only”. If not using “Full Control”, you may select any available device address in step 9; just ensure the “Keypad Address” in the AlarmNet device programming matches.

15. You will now return to the Device Address prompt and device programming is completed. Press “00” followed by star (*) to exit this mode.

16. Next you are prompted to “Quit Menu Mode?”, press “1” for Yes followed by star (*), or press “0” to continue to Output Programming.

**Output Programming Overview**

The following section will guide you through entering Output Programming, and each screen that will be shown while programming. Before programming outputs, it is helpful to understand how Output Programming is setup. Each Output number is an individual “program” that will control a specifically assigned relay, X-10, or in our case, Multimode trigger. There are up to 96 different outputs and more than one output can be programmed for the same “relay”. This assignment takes place by specifying the Output Type, Address and Module Relay number. For Multimode trigger programming, we will use output device type “1-ECP”, addresses 12 and 13, and module relay 1, 2, 3 & 4. Since the 4204 relay modules we are emulating have 4 relays, we must use 1 through 4 twice, with address 12 and 13, to get 8 different outputs.

1. Enter panel programming using, “{installer code} + 8, 0, 0, 0”.
2. Press, “# 93” to enter Menu Mode and select “OUTPUT PGM?” by pressing “1” at this prompt. You will need to press “0” until this prompt is reached.
3. To program an output, enter the two digit output number, followed by star (*). This output number will be displayed in the upper left corner throughout the output programming sequence.
4. The first two screens you will see, after selecting the output, are summary screens. The first is a summary of the Start or Activating options, while the second is a summary of the Stop or Deactivating options. These screens are shown at the beginning and end of each Output. To advance through any screen in Output Programming, press the star (*) key; these screens are shown below.

**START or ACTIVATION**

<table>
<thead>
<tr>
<th>ENTER OUTPUT #</th>
<th>START 02</th>
<th>STOP 02</th>
</tr>
</thead>
<tbody>
<tr>
<td>(00=QUIT)</td>
<td>A = Action</td>
<td>A = Action</td>
</tr>
<tr>
<td>01</td>
<td>EV = Event</td>
<td>ZL = Zone List</td>
</tr>
<tr>
<td></td>
<td>ZT = Zone Type / Operation</td>
<td>ZT = Zone Type / Operation</td>
</tr>
<tr>
<td></td>
<td>P = Partition Number</td>
<td>P = Partition Number</td>
</tr>
</tbody>
</table>

**STOP or DEACTIVATION**

<table>
<thead>
<tr>
<th>ENTER OUTPUT #</th>
<th>START 02</th>
<th>STOP 02</th>
</tr>
</thead>
<tbody>
<tr>
<td>(00=QUIT)</td>
<td>A = Action</td>
<td>A = Action</td>
</tr>
<tr>
<td>01</td>
<td>EV = Event</td>
<td>ZL = Zone List</td>
</tr>
<tr>
<td></td>
<td>ZT = Zone Type / Operation</td>
<td>ZT = Zone Type / Operation</td>
</tr>
<tr>
<td></td>
<td>P = Partition Number</td>
<td>P = Partition Number</td>
</tr>
</tbody>
</table>
After advancing past the summary screens you are ready to review and change the values of the output selected. Below each screen will be shown and described, but will not be shown within the steps for each scenario.

**02 OUTPUT ACTION**

NO RESPONSE    0

The Output Action determines how this trigger will respond. Since a message will be triggered each time the output changes states, we will use the actions of 2-Close and Stay Closed or 4-Toggle On/Off Alternately.

**02 START EVENT**

NOT USED    0

The Start Event is used ONLY in conjunction with Zone List or Zone Number (which follows). This will be used for scenarios that are activated by a specific zone number or a list of zones. Otherwise, it will remain at its default value of 0-Not Used.

**02 START: ZN LIST**

00

The Start Zone List will be used when more than one zone is needed to trigger a message. This number will reference a list of zones to be programmed later.

**02 START: ZN #**

000

The Start Zone number will be used when only one zone is to trigger a message.

**02 START: ZN TYPE**

NO RESPONSE    00

Start Zone Type is the most common way to activate an output and trigger a message. The title “Zone Type” actually means Zone Type or System Operation. There are over 40 different options that can be used at this entry. When the Zone Type entered is faulted or the condition exists, the output will activate.

**02 START: PARTN**

ANY PARTITION    0

The Start Partition entry is ONLY used in conjunction with Start Zone Type. The entry of a partition number here will allow only the selected zone type to activate the output if it is assigned to that partition. Entry of zero will allow the selected zone type on any partition to activate the output.

**02 STOP: ZN LIST**

00

Stop Zone List is used to deactivate an output when all zones contained in the specified zone list have restored.

**02 STOP: ZN TYPE**

NO RESPONSE    00

The Stop Zone Type is the most common way to deactivate an output and trigger a deactivation message. The title “Zone Type” actually means Zone Type or System Operation. There are over 40 different options that can be used at this entry. When the Zone Type, Operation or Condition entered is restored, the output will deactivate.

**02 STOP: PARTN**

ANY PARTITION    0

The Stop Partition entry is ONLY used in conjunction with Stop Zone Type. The entry of a partition number here will allow only the selected zone type to deactivate the output if it is assigned to that partition. Entry of zero will allow the selected zone type on any partition to deactivate the output.

**02 RELAY GROUP**

00

The Relay Group option is used to activate outputs by a schedule. This option should be left at its default value of “00” for our scenarios.

If Restriction is enabled, the consumer will not be able to access this...
output directly, such as in Device Control mode. This option will be left at its default value of “0-No” for our scenarios.

The Output Type selection specifies what type of device the output is located on. For our scenarios, this option will always be a “1 – ECP” type.

The ECP Address should match the value programmed into the AlarmNet device in the Multimode address field when using “4204 Sourced”. If using “2 4204 Sourced”, this address should match the Multimode address for the first four outputs, and then should be set to the “Multimode Address + 1” for the next four outputs.

The Module Relay normally refers to the Multimode event number per Multimode address. When using “2 4204 Sourced”, Multimode address 12 control event messages 1 to 4. Multimode address 13 controls event messages 5 to 8, but will be referred to here as 1 to 4. For example, event message 5 is address 13 and module relay number 1; event message 6 is address 13, module relay 2 and so forth.

Output Programming Scenarios

This section contains the steps required to program several common output programming scenarios, which are listed below. Each scenario will be explained as if you are already at the “Output Action” prompt and were programming the same output; therefore, you will need to pay close attention to the ECP Address and Module Relay number for each output, so that it will correspond with the appropriate event message.

Common Scenarios

<table>
<thead>
<tr>
<th>Arming Away</th>
<th>Silent Panic Alarm</th>
<th>Zone Open/Close</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arming Stay</td>
<td>Audible Panic Alarm</td>
<td>AC Power Failure</td>
</tr>
<tr>
<td>Any Burg Alarm</td>
<td>Medical Panic Alarm</td>
<td>System Low Battery</td>
</tr>
<tr>
<td>Any Fire Alarm</td>
<td>Duress Code Entry</td>
<td>System Trouble</td>
</tr>
</tbody>
</table>

Arming Away

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “00” followed by star (*), at the Start Zone List prompt.
4. Enter “000” followed by star (*), at the Start Zone # prompt.
5. Enter “21” followed by star (*), for “Arming Away”, at the Start Zone Type prompt.
6. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
7. Enter a “0” followed by star (*), at the Stop Zone List prompt.
8. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
9. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
10. Enter “00” followed by star (*), at the “Relay Group” prompt.
11. Enter “0” followed by star (*), at the “Restriction” prompt.
12. Enter “1” followed by star (*), for “ECP” at the Output Type prompt.
13. Enter “12” followed by star (*), for the Multimode address. Remember, for event messages 5 to 8, enter address “13” here.
14. Enter “1” followed by star (*), for Event Message number 1, at the Module Relay prompt. Remember, this number must increment for each output you program, and restart at “1” after reaching “4”. This means to program an output for event trigger 5, you will enter a “1” here again.
Arming Stay

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “00” followed by star (*), at the Start Zone List prompt.
4. Enter “000” followed by star (*), at the Start Zone # prompt.
5. Enter “20” followed by star (*), for “Arming Stay”, at the Start Zone Type prompt.
6. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
7. Enter a “0” followed by star (*), at the Stop Zone List prompt.
8. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
9. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
10. Enter “00” followed by star (*), at the “Relay Group” prompt.
11. Enter “0” followed by star (*), at the “Restriction” prompt.
12. Enter “1” followed by star (*), for “ECP” at the Output Type prompt.
13. Enter “12” followed by star (*), for the Multimode address. Remember, for event messages 5 to 8, enter address “13” here.
14. Enter “1” followed by star (*), for Event Message number 1, at the Module Relay prompt. Remember, this number must increment for each output you program, and restart at “1” after reaching “4”. This means to program an output for event trigger 5, you will enter a “1” here again.

Any Burg Alarm

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “00” followed by star (*), at the Start Zone List prompt.
4. Enter “000” followed by star (*), at the Start Zone # prompt.
5. Enter “33” followed by star (*), for “Any Burg Alarm”, at the Start Zone Type prompt.
6. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
7. Enter a “0” followed by star (*), at the Stop Zone List prompt.
8. Enter “36” followed by star (*), for “At Bell Timeout or Disarming”, at the Stop Zone Type prompt.
9. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
10. Enter “00” followed by star (*), at the “Relay Group” prompt.
11. Enter “0” followed by star (*), at the “Restriction” prompt.
12. Enter “1” followed by star (*), for “ECP” at the Output Type prompt.
13. Enter “12” followed by star (*), for the Multimode address. Remember, for event messages 5 to 8, enter address “13” here.
14. Enter “1” followed by star (*), for Event Message number 1, at the Module Relay prompt. Remember, this number must increment for each output you program, and restart at “1” after reaching “4”. This means to program an output for event trigger 5, you will enter a “1” here again.

Any Fire Alarm

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “00” followed by star (*), at the Start Zone List prompt.
4. Enter “000” followed by star (*), at the Start Zone # prompt.
5. Enter “39” followed by star (*), for “Any Fire Alarm”, at the Start Zone Type prompt.
6. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
7. Enter a “0” followed by star (*), at the Stop Zone List prompt.
8. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
9. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
10. Enter “00” followed by star (*), at the “Relay Group” prompt.
11. Enter “0” followed by star (*), at the “Restriction” prompt.
12. Enter “1” followed by star (*), for “ECP” at the Output Type prompt.
13. Enter “12” followed by star (*), for the Multimode address. Remember, for event messages 5 to 8, enter address “13” here.
14. Enter “1” followed by star (*), for Event Message number 1, at the Module Relay prompt. Remember, this number must increment for each output you program, and restart at “1” after reaching “4”. This means to program an output for event trigger 5, you will enter a “1” here again.

**Silent Panic Alarm**

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “00” followed by star (*), at the Start Zone List prompt.
4. Enter “000” followed by star (*), at the Start Zone # prompt.
5. Enter “06” followed by star (*), for “Silent Panic”, at the Start Zone Type prompt.
6. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
7. Enter a “0” followed by star (*), at the Stop Zone List prompt.
8. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
9. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
10. Enter “00” followed by star (*), at the “Relay Group” prompt.
11. Enter “0” followed by star (*), at the “Restriction” prompt.
12. Enter “1” followed by star (*), for “ECP” at the Output Type prompt.
13. Enter “12” followed by star (*), for the Multimode address. Remember, for event messages 5 to 8, enter address “13” here.
14. Enter “1” followed by star (*), for Event Message number 1, at the Module Relay prompt. Remember, this number must increment for each output you program, and restart at “1” after reaching “4”. This means to program an output for event trigger 5, you will enter a “1” here again.

**Audible Panic Alarm**

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “00” followed by star (*), at the Start Zone List prompt.
4. Enter “000” followed by star (*), at the Start Zone # prompt.
5. Enter “07” followed by star (*), for “Audible Panic”, at the Start Zone Type prompt.
6. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
7. Enter a “0” followed by star (*), at the Stop Zone List prompt.
8. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
9. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
10. Enter “00” followed by star (*), at the “Relay Group” prompt.
11. Enter “0” followed by star (*), at the “Restriction” prompt.
12. Enter “1” followed by star (*), for “ECP” at the Output Type prompt.
13. Enter “12” followed by star (*), for the Multimode address. Remember, for event messages 5 to 8, enter address “13” here.
14. Enter “1” followed by star (*), for Event Message number 1, at the Module Relay prompt. Remember, this number must increment for each output you program, and restart at “1” after reaching “4”. This means to program an output for event trigger 5, you will enter a “1” here again.
Medical Panic Alarm

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “00” followed by star (*), at the Start Zone List prompt.
4. Enter “000” followed by star (*), at the Start Zone # prompt.
5. Enter “08” followed by star (*), for “24 Hr AUX/Medical”, at the Start Zone Type prompt.
6. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
7. Enter a “0” followed by star (*), at the Stop Zone List prompt.
8. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
9. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
10. Enter “00” followed by star (*), at the “Relay Group” prompt.
11. Enter “0” followed by star (*), at the “Restriction” prompt.
12. Enter “1” followed by star (*), for “ECP” at the Output Type prompt.
13. Enter “12” followed by star (*), for the Multimode address. Remember, for event messages 5 to 8, enter address “13” here.
14. Enter “1” followed by star (*), for Event Message number 1, at the Module Relay prompt. Remember, this number must increment for each output you program, and restart at “1” after reaching “4”. This means to program an output for event trigger 5, you will enter a “1” here again.

Duress Code Entry

1. For Action, enter “4”, for Toggle On/Off Alternately, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “00” followed by star (*), at the Start Zone List prompt.
4. Enter “000” followed by star (*), at the Start Zone # prompt.
5. Enter “58” followed by star (*), for “Duress”, at the Start Zone Type prompt.
6. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
7. Enter a “0” followed by star (*), at the Stop Zone List prompt.
8. Enter “00” followed by star (*), at the Stop Zone Type prompt.
9. Enter a “0” followed by star (*), at the Stop Partition prompt.
10. Enter “00” followed by star (*), at the “Relay Group” prompt.
11. Enter “0” followed by star (*), at the “Restriction” prompt.
12. Enter “1” followed by star (*), for “ECP” at the Output Type prompt.
13. Enter “12” followed by star (*), for the Multimode address. Remember, for event messages 5 to 8, enter address “13” here.
14. Enter “1” followed by star (*), for Event Message number 1, at the Module Relay prompt. Remember, this number must increment for each output you program, and restart at “1” after reaching “4”. This means to program an output for event trigger 5, you will enter a “1” here again.

Zone Open/Close

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “2” followed by star (*), for “Fault”, at the Start Event prompt.
3. Enter “00” followed by star (*), at the Start Zone List prompt.
4. Enter “00” followed by star (*), at the Start Zone # prompt. Note: The zone number entered here should be the zone you want to trigger a message when faulted.
5. Enter “00” followed by star (*), at the Start Zone Type prompt. Note: Do not enter the zone type of the zone you are monitoring here. If you do, ALL zones of that type will cause a message to be triggered when any one is faulted.
6. Enter “0” followed by star (*), at the Start Partition prompt.
7. Enter a “0” followed by star (*), at the Stop Zone List prompt.
8. Enter “00” followed by star (*), at the Stop Zone Type prompt.
9. Enter a “0” followed by star (*), at the Stop Partition prompt.
10. Enter “00” followed by star (*), at the “Relay Group” prompt.
11. Enter “0” followed by star (*), at the “Restriction” prompt.
12. Enter “1” followed by star (*), for “ECP” at the Output Type prompt.
13. Enter “12” followed by star (*), for the Multimode address. Remember, for event messages 5 to 8, enter address “13” here.
14. Enter “1” followed by star (*), for Event Message number 1, at the Module Relay prompt. Remember, this number must increment for each output you program, and restart at “1” after reaching “4”. This means to program an output for event trigger 5, you will enter a “1” here again.

Multiple Zone Open/Close

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “2” followed by star (*), for “Fault”, at the Start Event prompt.
3. Enter “01” followed by star (*), at the Start Zone List prompt. Note: Any zone list number can be used, just remember to add the zones to the appropriate zone list.
4. Enter “000” followed by star (*), at the Start Zone # prompt.
5. Enter “0” followed by star (*), at the Start Partition prompt.
6. Enter “01” followed by star (*), at the Start Zone List prompt. Note: The Stop Zone List number should match the Start Zone List number if you want the restoral of all zones on this list to trigger the deactivation message.
7. Enter “00” followed by star (*), at the Stop Zone Type prompt. Note: You may optionally choose to enter a zone type here, such as “22-Disarming”, if you want to send the deactivation message upon disarming instead of restoral of the zones in the zone list. Remember to enter a zero in the Stop Zone List option if making this change.
8. Enter a “0” followed by star (*), at the Stop Partition prompt.
9. Enter “00” followed by star (*), at the “Relay Group” prompt.
10. Enter “0” followed by star (*), at the “Restriction” prompt.
11. Enter “1” followed by star (*), for “ECP” at the Output Type prompt.
12. Enter “12” followed by star (*), for the Multimode address. Remember, for event messages 5 to 8, enter address “13” here.
13. Enter “1” followed by star (*), for Event Message number 1, at the Module Relay prompt. Remember, this number must increment for each output you program, and restart at “1” after reaching “4”. This means to program an output for event trigger 5, you will enter a “1” here again.

Zone List Programming

1. At the “Enter Output #” prompt press “00” followed by star (*).
2. The next prompt you see will be “Enter Zn List?”, press “01” followed by star (*), to enter zones into Zone List 01.

   ![ENTER Zn LIST?](image)

   ENTER Zn LIST?
   00=QUIT 00

3. Next, enter the three digit zone number followed by star (*). Repeat this procedure for each zone needed to be entered into the zone list. Note: The screen will return to the one shown below after each entry.

   ![01 ADD ZONE #](image)

   01 ADD ZONE #
   000=QUIT 000
4. To quit entering zones press “000” followed by star (*).

5. To save the list entered, press “0”.
6. To exit press “0” at the “DEL Zones” prompt, and press “00”, at the “VIEW Zn List” prompt.

AC Power Failure

14. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
15. Enter a “0” followed by star (*), at the Start Event prompt.
16. Enter “00” followed by star (*), at the Start Zone List prompt.
17. Enter “000” followed by star (*), at the Start Zone # prompt.
18. Enter “41” followed by star (*), for “AC Power Fail”, at the Start Zone Type prompt.
19. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “00” for Any Partition.
20. Enter a “0” followed by star (*), at the Stop Zone List prompt.
21. Enter “41” followed by star (*), for “AC Power Fail”, at the Stop Zone Type prompt.
22. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
23. Enter “00” followed by star (*), at the “Relay Group” prompt.
24. Enter “0” followed by star (*), at the “Restriction” prompt.
25. Enter “1” followed by star (*), for “ECP” at the Output Type prompt.
26. Enter “12” followed by star (*), for the Multimode address. Remember, for event messages 5 to 8, enter address “13” here.
27. Enter “1” followed by star (*), for Event Message number 1, at the Module Relay prompt. Remember, this number must increment for each output you program, and restart at “1” after reaching “4”. This means to program an output for event trigger 5, you will enter a “1” here again.

System Low Battery

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “00” followed by star (*), at the Start Zone List prompt.
4. Enter “000” followed by star (*), at the Start Zone # prompt.
5. Enter “42” followed by star (*), for “System Low Battery”, at the Start Zone Type prompt.
6. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “00” for Any Partition.
7. Enter a “0” followed by star (*), at the Stop Zone List prompt.
8. Enter “42” followed by star (*), for “System Low Battery”, at the Stop Zone Type prompt.
9. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
10. Enter “00” followed by star (*), at the “Relay Group” prompt.
11. Enter “0” followed by star (*), at the “Restriction” prompt.
12. Enter “1” followed by star (*), for “ECP” at the Output Type prompt.
13. Enter “12” followed by star (*), for the Multimode address. Remember, for event messages 5 to 8, enter address “13” here.
14. Enter “1” followed by star (*), for Event Message number 1, at the Module Relay prompt. Remember, this number must increment for each output you program, and restart at “1” after reaching “4”. This means to program an output for event trigger 5, you will enter a “1” here again.

Zone Trouble
Vista BP Panel

1. For Action, enter “2", for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “00” followed by star (*), at the Start Zone List prompt.
4. Enter “000” followed by star (*), at the Start Zone # prompt.
5. Enter “05” followed by star (*), for “Trouble Day/Night Alarm”, at the Start Zone Type prompt.
6. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
7. Enter a “0” followed by star (*), at the Stop Zone List prompt.
8. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
9. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
10. Enter “00” followed by star (*), at the “Relay Group” prompt.
11. Enter “0” followed by star (*), at the “Restriction” prompt.
12. Enter “1” followed by star (*), for “ECP” at the Output Type prompt.
13. Enter “12” followed by star (*), for the Multimode address. Remember, for event messages 5 to 8, enter address “13” here.
14. Enter “1” followed by star (*), for Event Message number 1, at the Module Relay prompt. Remember, this number must increment for each output you program, and restart at “1” after reaching “4”. This means to program an output for event trigger 5, you will enter a “1” here again.

Vista FBP Panel – 24hr Trouble

1. For Action, enter “2”, for Close and Stay Closed, followed by the star (*).
2. Enter a “0” followed by star (*), at the Start Event prompt.
3. Enter “00” followed by star (*), at the Start Zone List prompt.
4. Enter “000” followed by star (*), at the Start Zone # prompt.
5. Enter “19” followed by star (*), for “24hr Trouble”, at the Start Zone Type prompt.
6. Enter the single digit partition number followed by star (*) at the Start Partition prompt. If only using a single partition, select “0” for Any Partition.
7. Enter a “0” followed by star (*), at the Stop Zone List prompt.
8. Enter “22” followed by star (*), for “Disarming”, at the Stop Zone Type prompt.
9. Enter the single digit partition number followed by star (*) at the Stop Partition prompt. This should match the partition number entered at the Start Partition prompt.
10. Enter “00” followed by star (*), at the “Relay Group” prompt.
11. Enter “0” followed by star (*), at the “Restriction” prompt.
12. Enter “1” followed by star (*), for “ECP” at the Output Type prompt.
13. Enter “12” followed by star (*), for the Multimode address. Remember, for event messages 5 to 8, enter address “13” here.
14. Enter “1” followed by star (*), for Event Message number 1, at the Module Relay prompt. Remember, this number must increment for each output you program, and restart at “1” after reaching “4”. This means to program an output for event trigger 5, you will enter a “1” here again.

Exit Output and Panel Programming

1. To exit output programming press “00” followed by star (*), at the “Enter Output#” prompt.
2. To exit Menu Mode, press “1” for Yes, at the “Quit Menu Mode” prompt.
For more information about Device or Output programming, please refer to the Programming Instructions for the specific panel you are installing the AlarmNet device to. If you need further assistance after reading and using these instructions, please contact the Honeywell Technical Support center at 800.645.7492 for panel support or AlarmNet Technical Support at 800.222.6525 for AlarmNet device or Total Connect support.
Total Connect – Configure Email

Enabling the Total Connect email notification feature is a two part process when using the AlarmNet device in ECP mode. You must program outputs in the control panel and also enter the event messages that will be sent for each output. If you are using the device in Zone mode, only the messages will need to be entered.

The steps below will guide you through entering the event messages via Total Connect.

1. Using a web browser, login to Total Connect with the End User credentials created for the consumer. The URL for the Total Connect Login is https://services.alarmnet.com/TotalConnect/.

2. After gaining access to the consumers Total Connect account, click “Configure Email” located on the menu to the left. You will see the screen shown below.

Before setting up the messages, we will examine how the message is delivered to the consumer. As shown there are three parts to the message; Event Text, Normal State and Activated State. Every message will contain the “Event Text”. If the message was triggered by an output activation, the Event Text will be followed by the “Activated State” text. If the message was triggered by an output deactivation, the “Event Text” will be followed by the “Normal State” text. See examples below.

<table>
<thead>
<tr>
<th>Enabled</th>
<th>Event</th>
<th>Event Text</th>
<th>Normal State</th>
<th>Activated State</th>
</tr>
</thead>
<tbody>
<tr>
<td>✔️</td>
<td>1.</td>
<td>Your security system</td>
<td>is disarmed</td>
<td>is Armed Away.</td>
</tr>
</tbody>
</table>

Message sent when the system armed Away = “Your security system is Armed Away.”

Message sent when the system is Disarmed = “Your security system is disarmed.”

3. Each Event Trigger can be enabled or disabled individually. This option allows the consumer to disable a specific event trigger without changing panel programming. To disable the event trigger, click on the check mark in the column labeled “Enable”.

<table>
<thead>
<tr>
<th>Enabled</th>
<th>Event</th>
<th>Event Text</th>
<th>Normal State</th>
<th>Activated State</th>
</tr>
</thead>
<tbody>
<tr>
<td>✔️</td>
<td>1.</td>
<td>Your security system</td>
<td>is disarmed</td>
<td>is Armed Away.</td>
</tr>
</tbody>
</table>

Message sent when the system armed Away = “Your security system is Armed Away.”

Message sent when the system is Disarmed = “Your security system is disarmed.”
4. For ECP mode operation, make a list of how each output is programmed to activate and deactivate.

5. For Zone mode operation, make a list of how each zone input on the device will be activated and deactivated. Remember, when using the AlarmNet device in Zone mode and enabling email messaging (Multimode), zone alarm messages will NOT be delivered to your central station.

6. Next, write a message for each output activation and deactivation. Below you will find a list of suggested messages. After all messages have been entered click the SAVE button.

<table>
<thead>
<tr>
<th>Event Type</th>
<th>Event Text</th>
<th>Normal State</th>
<th>Activated State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm Away</td>
<td>Your security system</td>
<td>is Disarmed</td>
<td>is Armed Away</td>
</tr>
<tr>
<td>Arm Stay</td>
<td>Your security system</td>
<td>is Disarmed</td>
<td>is Armed Stay</td>
</tr>
<tr>
<td>Burg Alarm</td>
<td>Security System</td>
<td>Sirens Silenced</td>
<td>BURGLAR ALARM!!</td>
</tr>
<tr>
<td>Fire Alarm</td>
<td>FIRE ALARM</td>
<td>Acknowledged.</td>
<td>CALL THE FIRE DEPARTMENT!!</td>
</tr>
<tr>
<td>Silent Panic</td>
<td>Silent Panic</td>
<td>Acknowledged.</td>
<td>ALARM! CALL POLICE!!</td>
</tr>
<tr>
<td>Audible Panic</td>
<td>Audible Panic</td>
<td>Acknowledged.</td>
<td>ALARM! CALL POLICE!!</td>
</tr>
<tr>
<td>Medical Panic</td>
<td>MEDICAL EMERGENCY</td>
<td>Acknowledged.</td>
<td>CALL FOR AMBULANCE!!</td>
</tr>
<tr>
<td>Duress Code</td>
<td>HOSTAGE EMERGENCY</td>
<td>CALL POLICE!!</td>
<td>CALL POLICE!!</td>
</tr>
<tr>
<td>Zone Open/Clos</td>
<td>Gun Safe Door</td>
<td>has been closed</td>
<td>OPENED!!</td>
</tr>
<tr>
<td>AC Power Failure</td>
<td>AC POWER</td>
<td>RESTORED</td>
<td>FAILURE!</td>
</tr>
<tr>
<td>System Low Batt</td>
<td>SYSTEM BATTERY</td>
<td>RESTORED</td>
<td>LOW!</td>
</tr>
</tbody>
</table>

7. Now, you will need to enter the email address(es) this message is to be delivered to. Up to six email addresses can be entered.

**Mailing List:** (Up to 6 email addresses)

- Enter email addresses here.
Step-by-Step

Note: If the message is to be delivered to a cell phone via SMS messaging you will need to enter an email address provided by the wireless carrier that will convert the email to a text message. Below is a list of these addresses for common wireless carriers. These addresses are subject to change by their providers.

<table>
<thead>
<tr>
<th>Wireless Carrier</th>
<th>Email to Text Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT&amp;T</td>
<td><a href="mailto:10_digit_number@txt.att.net">10_digit_number@txt.att.net</a></td>
</tr>
<tr>
<td>Nextel</td>
<td><a href="mailto:10_digit_number@messaging.nextel.com">10_digit_number@messaging.nextel.com</a></td>
</tr>
<tr>
<td>Sprint</td>
<td><a href="mailto:10_digit_number@messaging.sprintpcs.com">10_digit_number@messaging.sprintpcs.com</a></td>
</tr>
<tr>
<td>T-Mobile</td>
<td><a href="mailto:10_digit_number@tmomail.net">10_digit_number@tmomail.net</a></td>
</tr>
<tr>
<td>Verizon</td>
<td><a href="mailto:10_digit_number@vtext.com">10_digit_number@vtext.com</a></td>
</tr>
</tbody>
</table>

8. Next, you will need to enter an Email Subject. This will be the subject displayed for every email message triggered by the AlarmNet device.

**Email Subject:**

9. Finally, click the “Save” button at the bottom or top of the page. After saving, you will be notified with a popup as shown below.

After acknowledging the popup, a confirmation will also be shown at the top of the screen.

**Select Device:**  

*Events and email data have been saved*
Total Connect – Configure Remote Access
- Full Control -

When using Total Connect with a panel that supports Full Control, there are options of the Remote Access interface that need to be configured. These options include: Enabling and Naming Outputs, Naming Users, Naming Zones and Naming Partitions, when applicable. Upon your initial connection, Total connect will receive panel information containing the zone descriptors, partition descriptors, output descriptors (when available), and AUI user names. By allowing the custom naming of these different items, it makes it easier for the consumer to be aware of what is happening to the system and control it easily.

This document is intended to be a guide to the initial setup of a Full Control interface setup; although, it is divided into sections that can be used by the consumer to make changes to best suite their needs. In each section, we will assume you have already gained access to Total Connect and have the Remote Access interface showing on your computer screen. Below are the sections that are covered.

- Name Zones ........................................Page 1
- Name Partitions ..................................Page 3
- Enable & Name Outputs ....................Page 4
- Manage Users .................................Page 6
- Adding Users .................................Page 8
- Modifying Users ..............................Page 10
- Deleting Users .................................Page 12
- Recover Panel Parameters ..............Page 13

Note: The VPRC will timeout and disconnect after 10 minutes of inactivity; therefore it is important to be prepared with all information when you begin to setup the Remote Access parameters.

Name Zones

1. To name zones, click on the “Setup” tab, then click the tab labeled, “Name Zones”.

![Zone Descriptors Table]

Note: The VPRC will timeout and disconnect after 10 minutes of inactivity; therefore it is important to be prepared with all information when you begin to setup the Remote Access parameters.
2. You will notice the alpha zone descriptors programmed into the panel have been uploaded to Total Connect and are shown here. These descriptors may be changed here without affecting the actual descriptor in the panel programming. First, click inside the Description field of the zone you would like to rename.

<table>
<thead>
<tr>
<th>Zone</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Entry-Exit</td>
<td>FRONT DOOR</td>
</tr>
<tr>
<td>2</td>
<td>Entry-Exit</td>
<td>BACK DOOR</td>
</tr>
<tr>
<td>3</td>
<td>Perimeter</td>
<td>SLIDING DOOR</td>
</tr>
<tr>
<td>4</td>
<td>Perimeter</td>
<td>WINDOWS</td>
</tr>
</tbody>
</table>

3. Now, begin typing to change the description. You may modify this without affecting the descriptor in the control panel; likewise it will not change the operation of the zone.

You may decide to rename the system zones also. This will make it easier for the consumer to understand what is happening to their system, if these devices ever show trouble messages while viewing in Total Connect.

*Note: Each zone description is limited to 24 characters.*

4. After making changes, click “Save Zone Names”. After saving, you will notice the confirmation in the green message bar, it will state, “Zone Names Saved”. If you have exceeded the 24 character limit for any descriptor, the message will state, “Not saved. Max 24 characters. Item zn”.

<table>
<thead>
<tr>
<th>Zone</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>113</td>
<td>Trouble/Alarm</td>
<td>RELAY MODULE</td>
</tr>
</tbody>
</table>

**Zone Names Saved**

**Not saved. Max 24 characters. Item 8**
Name Partitions

1. To name the individual partitions, click on the “Setup” tab, and then click the tab labeled “Name Partitions”.

2. Next, you will want to load the partition names programmed into the panel by clicking, “Load Panel’s Partition Names”. Doing this will populate the “Name” column with the existing descriptors. If no custom descriptor has been programmed, you will see “1, 2, or 3” for the Vista-20P family panels, or “P1, P2, P3, etc.” for the Vista-128/250 Plus family panels.

3. To change the name shown on Total Connect for the partitions, click the “Name” field for the partition you would like to change, and then make your modifications. Note: Partition names are limited to 15 characters.

4. After making modifications, click “Save Partition Names”. You will notice the confirmation message found in the green message bar at the bottom of the screen, “Partition Names Saved”. If you exceed the 15 character limit, the message will state, “Not Saved. Max 15 characters. Item x”.

Not saved. Max 15 characters. Item 3
Enable and Name Outputs (Devices)

For the consumer to have access to control output devices (X-10 and Relays) through the “Device Control” tab, they must first be enabled through setup. In addition to enabling these outputs, you may name each one. This will make it easy for the consumer to remember which output number controls which device. On the Vista-128/250 Plus family control panels, these outputs may be named in panel programming. This is not the case with the Vista-20P family of control panels; therefore the option to provide specific names will be very beneficial to the consumer.

1. To enable and name output devices, click the “Setup” tab, and then click the tab labeled “Name Devices”.

2. Next, click in the “Device Name” field, of the output device to be modified and type the desired name.

   Note: Each device name is limited to 24 characters.
3. After each Device Name has been entered, click the check-box found in the “Use” column, to enable the output. If the check box is left unchecked, the consumer will not have access to it on the Device Control tab.

4. Click on the “Device Control” tab and verify that all devices the consumer should have access to are labeled and show, “OK” in the “Use” column.
Manage Users

Total Connect allows you access to manage users and user codes of the Vista control panel. In order to access this section, click on “Users” tab, and enter the system Master code. When using the Vista-20P series, only the System Master code will have access to this section; neither the installer code nor the partition programmer code will be authorized to configure this section. When using the Vista-128/250 Plus series panels, both the installer and master code will have access to this section.

1. To manage user codes and names, click the tab labeled, “Users”, enter the system master code and then click “OK”.

2. Next, you will need to click the “Get Panel’s User Assignments” button to retrieve the users programmed and the assigned AUI Descriptors from the panel. The green message bar will display information about it’s retrieval progress. Notice, there is an asterisk (*) next to each user number that has a code assigned to it in the control panel programming. Note: Remote access pulls information from the AUI Descriptor programmed in the Vista panel; therefore, to use the Manage User Code feature, these must be programmed.

This button not available on the Vista-128/250 Series control panels.
3. To assign a name to each user number, click in the “Personal” field of the user to be modified and enter the name of the user. This name will be shown in the “Event History” tab each time the user code is used. 

Note: Do not change the “Panel” name for a user code unless adding a user. Otherwise, you will not be able to “Get Info” for this code via the Manage User Codes page.

Note: User names are limited to 12 characters.

4. After making changes, click the “Save Users” button found above the green message bar. This message bar will confirm that users have been saved by displaying, “User Names Saved”. If any user name exceeds the 12 character limit, it will display, “Not Saved. Max 12 Characters for personal name. “User Num xx”.

5. When using the Vista-128/250 series controls, the “Get Panel’s User Assignments” button is not displayed. However, it is important that the Panel user name matches the AUI Descriptor that is programmed into the panel. If it doesn’t match, you will not be able to “Get Info” and edit the user data on the Manage User Codes page; although, you will be able to delete or over-write the user code.
Manage User Codes

Total Connect can be used to add, modify or delete user codes. Before performing any of these tasks, you will need to first have the user names, (Panel, Personal) saved.

Adding Users

1. From the Manage User Names screen, assign a “Panel name” and a “Personal name” for the user and click “Save Users”. For this example, user number 11 was added as “New” and “User”.

2. Next, click the “Manage User Codes” tab.
3. Click the drop-down next to “Panel (Personal) Names” and select the user that is being added. This example shows user number 11, “11. New (User)”.

4. Next, fill in the User Code, select the Authority level, using the drop-down list, and then click the “Save User” button.

5. After saving, you will notice that each partition you selected an authority level for, is now checked.
6. If the 4-digit code you selected has been used elsewhere in the panel, the code will not be saved and you will see the following message shown in the message bar, “Not saved”. Additionally, the user code you attempted to modify will be deleted.

Modifying Users

1. From the “Manage User Codes” page, use the drop-down next to “Panel (Personal) Names” and select the user that is to be modified.

2. To the right of the “Get Info by” button, select “Name”, and then click “Get Info by”. This will populate the screen with the values of this user code. The message bar will show, “Got user info”.

![User Management Screen](image-url)
3. At this point, changes can be made to the user code. In this example we have changed the user code from 9999 to 9990, and added access to partition 2 with the authority level of “Normal”.

4. Next, click the “Save User” button and the changes will be saved and transferred to the panel. Afterwards, Partition 2 will be checked, and the message bar will show “User saved”.

Note: The “Global Arm” option will always be checked when using the Vista-20P family, whether the code has access to one partition or all three partitions. This means it has global arming access to all of the partitions it has authority in.
Deleting Users

1. From the “Manage User Codes” page, use the drop-down next to “Panel (Personal) Names” and select the user that is to be Deleted.

2. To the right of the “Get Info by” button, select “Name”, and then click “Get Info by”. This will populate the screen with the values of this user code. The message bar will show, “Got user info”.

3. Next, click the button labeled, “Delete User”. The message bar will show “User deleted”, all user information will be cleared and the “Delete User” button will be no longer be available.
Recover Panel Parameters

Should there ever be a need to delete all information, except user data, saved in Remote Access, follow the following steps.

1. From the tab labeled “Setup”, click “Recover”.

2. Next, enter any valid 4-digit user code, and click the “Delete” button. The message, “Panel Record Deleted” will be displayed in the message bar. This will not have any affect on the panel data. Total Connect will retrieve the existing panel data, at the beginning of the next Remote Access session.
**Total Connect Subscriber Information**

**Profile:** You will set up the customer’s profile by entering information such as a user name and password.

**Required Information**

| **User Name:** | (Only letters (A-Z)/numbers (0-9) allowed, both must be included, min length of eight characters) |
| **Password:** | (Only letters (A-Z)/numbers (0-9) allowed, both must be included, min length of eight characters) |
| **E-mail Address:** |  |
| **First Name:** |  |
| **Last Name:** |  |
| **Phone Number:** Format: 123-456-7891 |  |

**Cell Phones for SMS Control:** *(At least one phone number is required to use this feature)*

| **User:** | **Phone Number:** Format: 123-456-7891 | **Cell Phone Model** |
| **User:** |  |  |
| **User:** |  |  |
| **User:** |  |  |
| **User:** |  |  |
| **User:** |  |  |

**Time Zone Settings: Enable Daylight Savings Time:**

- [ ] (GMT-09:00) Alaska
- [ ] (GMT-08:00) Pacific Time (US & Canada)
- [ ] (GMT-07:00) Arizonian
- [ ] (GMT-06:00) Central Time (US & Canada)
- [ ] (GMT-05:00) Eastern Time (US & Canada)
- [ ] (GMT-04:00) Atlantic Time (Canada)

**Daylight Savings Time:** Yes or No

*Table of Contents*
# Total Connect Subscriber Information (continued)

## Location Information
Please provide the information below associated with Total Connect services.

- **User Defined Device Identifier:**
  Please create a name for this location (e.g., Vacation Home)

- **(Street) Address:**

- **Additional Street Address:** (Optional)

- **City:**
  **State:**
  **Zip:**

- **E-mail Address:**

- **Phone Number:** Format: 123-456-7891

  *(For installer use only)*

- **Account and Mac of Device**
  - **MAC ID:** (Format: xx-xx-xx-xx-xx-xx)
  - **City - CSID - SUB:** (Format: xx-xx-xxxx)

## Configure E-mail
Select up to eight events that the customer would like to be made aware of via e-mail.
*(Please enter additional events as needed in blank spaces below.)*

<table>
<thead>
<tr>
<th>Enabled</th>
<th>Event</th>
<th>Event Text</th>
<th>Normal State</th>
<th>Activated State</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>Example: Your security system is Disarmed</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td></td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td></td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td></td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7</td>
<td></td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8</td>
<td></td>
<td>☐</td>
<td></td>
</tr>
</tbody>
</table>

## Mailing List
Assign up to six e-mail addresses that will be notified of the event.

- 
- 
- 
- 
- 
- 

## E-mail Subject
Select the message that will appear as the subject in an e-mail notification of an event.

*e.g.* **home alarm:**

## System Abbreviation - Name for SMS commands:

- **Optiflex User Defined Name:**
- **Optiflex MAC:** 00D02D