

StarLink™ Connect MAX Series SLE-MAXA-C / SLE-MAXA-Z SLE-MAXV-C / SLE-MAXV-Z Multi-Function Alarm Communicators INSTALLATION INSTRUCTIONS



WI2468.aLF 5/22

Control Panel Remote Operation

For Commercial Burglary Applications Only (Features have not been evaluated by ETL)

Napco StarLink Connect Software

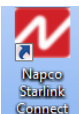
Installs in the Windows *System Tray*, the **Napco StarLink Connect** communication software allows remote management of alarm panels connected to the StarLink communicator. **Napco StarLink Connect** supports Honeywell Compass and DSC software, thus allowing you to use the original software supplied with your Honeywell or DSC control panel. Be sure to review the companion to these instructions, WI2467, for more information.

Installation and Setup

1. **Napco StarLink Connect** is available for download at tech.napcosecurity.com in the Software Downloads area and is also on the supplied PCD-Windows CD (located in the **StarLink Connect** root folder). Save the **StarlinkConnectSetup.exe** file to a folder on your PC.

2. Run **StarlinkConnectSetup.exe** and follow the installation prompts.

After the installation process completes, right-click the desktop icon (shown at right) and select "**Run as administrator**" (you can optionally use the icon in the Windows **Start** menu).



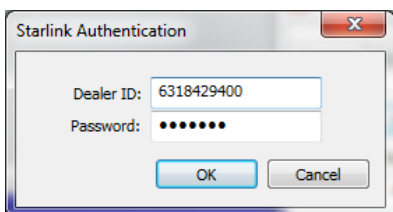
3. In the System Tray (usually located at the bottom right side of the Windows Taskbar) single or double-click to open the red **Napco StarLink Connect** icon (shown at right).



4. In the **Napco StarLink Connect** dialog that appears, click the **Settings** tab and click the **StarLink Authentication** button.



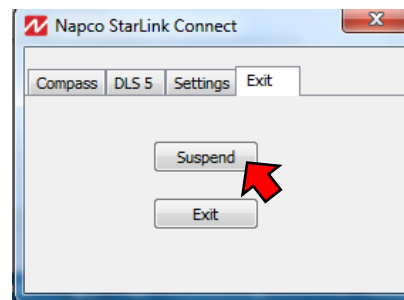
5. Type the **Dealer ID** and **Password** used to log in to the Napco NOC website (<http://NapcoNoc2.com>). Click **OK**.



6. Close the **Napco StarLink Connect** dialog by clicking the **X** in the upper right corner. The **Exit** tab is only used if you want to **Suspend** or **Exit** the application; clicking

the **X** in the upper right corner will keep the application running in the background.

IMPORTANT: If using a non-StarLink communicator to connect to a DSC or Honeywell control panel (using your customary DSC *DLS* or Honeywell *Compass* software), ALWAYS click **Suspend** (shown below) to suspend the **Napco StarLink Connect** software.



In the System Tray, the **Napco StarLink Connect** icon will turn red to indicate the software has paused.



IMPORTANT: If you decide to uninstall the **Napco StarLink Connect** software, always click **Exit** (shown above) before uninstalling.

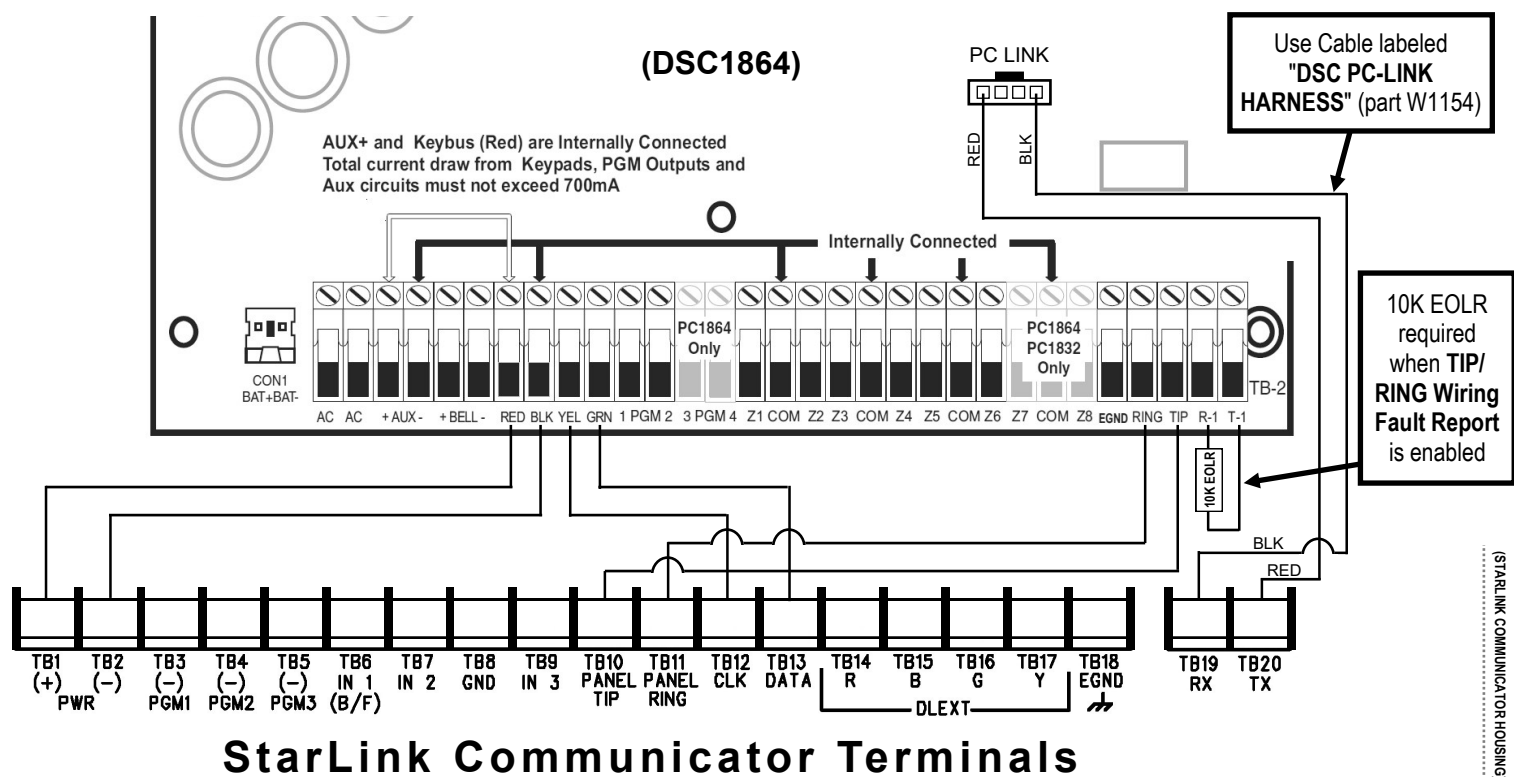
Napco StarLink Connect Software Supported Control Panels

Panel	Revision
DSC PC1616	4.13+
DSC PC1832	4.13+
DSC PC1864	4.13+
Honeywell Vista-10P.....	2.6+
Honeywell Vista-10PSIA.....	3.0+
Honeywell Vista-15P.....	5+
Honeywell Vista-15PSIA.....	4.0+
Honeywell Vista-20P.....	5+
Honeywell Vista-20PSIA.....	4.0+
Honeywell Vista-21iP.....	4.23+
Honeywell Vista-21iPSIA.....	1.0+
Honeywell Vista-128BP.....	4.0+
Honeywell Vista-128BPEN.....	Any
Honeywell Vista-128BPT.....	Any
Honeywell Vista-128FBP.....	Any
Honeywell Vista-128FBPN.....	Any
Honeywell Vista-128FBPT.....	Any
Honeywell First Alert FA130.....	2.6+
Honeywell First Alert FA148.....	5+
Honeywell First Alert FA168.....	5+

IMPORTANT:

- The **Napco StarLink Connect** communication software only works with control panels that support IP communications.

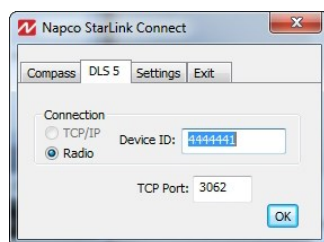
DSC Control Panel Connections



Using StarLink Connect Software with DSC Control Panels

The **Napco StarLink Connect** software is compatible with the DSC DLS Programming Software. See www.dsc.com for more information regarding DSC control panel compatibility with their DLS software. Before proceeding, the **StarLink Connect** SLE communicator must be wired to the DSC control panel as described earlier in this manual.

- Before connecting each time to the DLS Programming Software, launch the **Napco StarLink Connect** software by pressing "**Alt + S**" on the keyboard. In the popup that appears, click the **DLS** tab and type the StarLink radio **Device ID** (printed on the communicator PCB sticker) and click **OK**.



Note: Always verify the communicator is a "StarLink Connect" communicator with the correct panel type before entering "ready to connect" mode (click **Info** to view communicator data). In addition, the PC-Security Code prompt will appear if a Code was used (the app will remember the last Code used until you exit the app from the System Tray).

- When the **Napco StarLink Connect** icon in the System Tray turns green with a black "D" in the center (shown at right), the **Napco StarLink Connect** software is ready to connect with the DSC DLS Programming Software.
- Launch the DSC DLS Programming Software and log in normally. When connected to the DSC DLS Programming Software, the **Napco StarLink Connect**

icon in the System Tray turns yellow. Upload, download and/or program the DSC control panel as usual.

- To indicate real-time communication activity from the DSC DLS Programming Software, through the **Napco StarLink Connect** software to the DSC control panel, the "D" in the center of the yellow StarLink icon will toggle between "black on white" and "white on black".
- Upon disconnection, the yellow StarLink icon turns back to green and waits for another DSC DLS Programming Software connection. The last Radio ID used will be retained in memory (RAM) for convenient reconnection.



The **Napco StarLink Connect** software state changes are reflected in the appearance of its **System Tray** icons:



Red Icon: "Stopped" (initial state)



Green Icon: "Listening for DLS Programming Software outgoing connection"



Yellow Icons: "Connected with DLS Programming Software". During data transfer, yellow icon will toggle between "black on white" and "white on black" to indicate data transfer activity.



DSC Control Panel Programming

DSC Control Panel Programming

Program the DSC control panel to allow the operation of four (4) functional areas:

- Allow telco reporting to the central station
- Allow notification alerts (*iBridge Messenger* text messaging)
- Allow mobile device app communication for remote system control
- Allow **Napco StarLink Connect** software to support DSC DLS IV& DLS 5 software.

IMPORTANT: See page 1 for compatible DSC control panels.

Programming for Telco Reporting

To report to a central station, you **must** program the DSC control panel to use Tip and Ring to send signals, as follows:

Section	As Sole Communicator	Code Summarization
301	Enter a Receiver Number	
310	Enter Account Number	
350	Enter '03' to send Contact ID	Panel default is SIA (04).

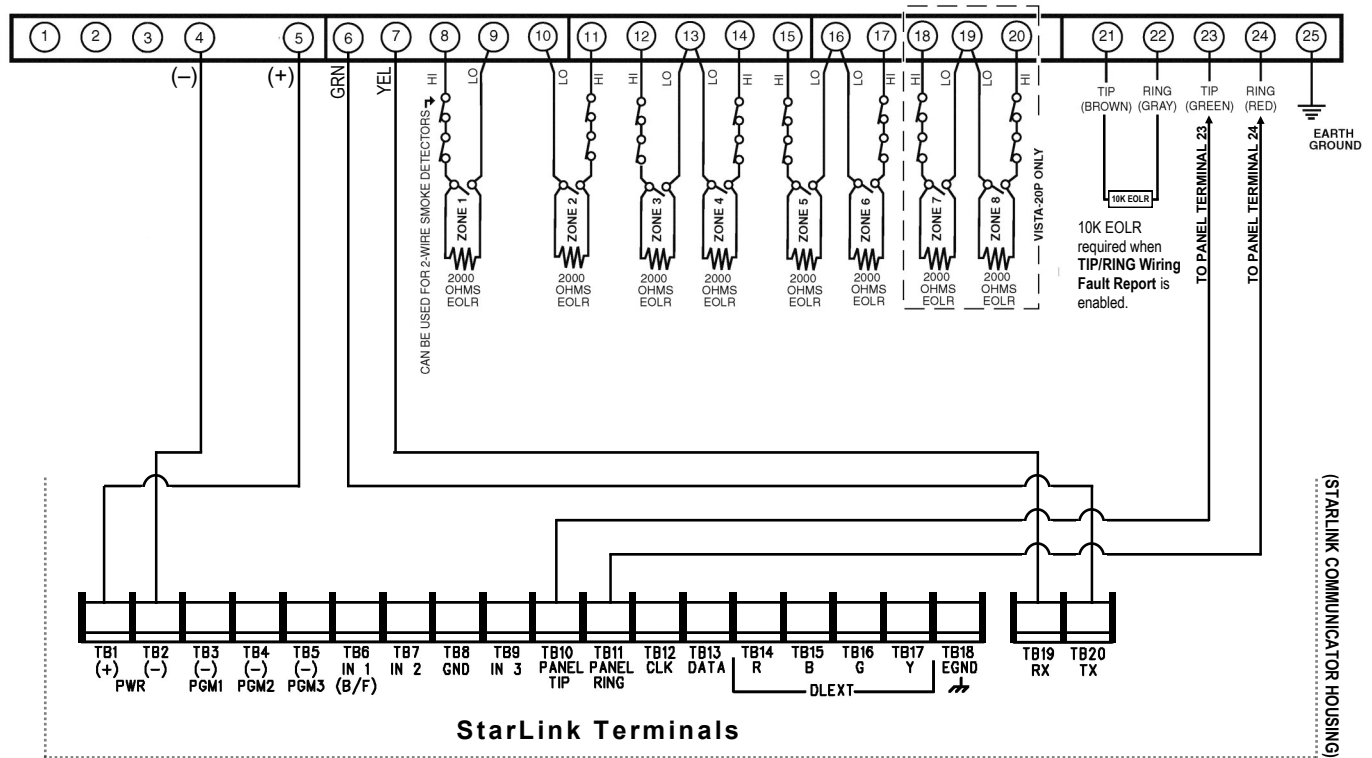
Note: Ensure All Report Codes are in, and signals can be sent.

Communicator Programming

Required communicator options are as follows:

Section	Required Communicator Options	Code Summarization
015	Enable Option 7	Option 7 turns on telephone line supervision.
167	Set '060' Seconds	Sets T-Link acknowledgement delay to 60 seconds.
350	Set '03'	Format sent as Contact ID (03).
351	Enable Option 1	Options to turn on/off alarm/restore for telephone 1 (option 1), telephone 2 (option 2), and alternate communications (option 5).
359	Enable Option 1	Options to turn on/off tamper/restore for telephone 1 (option 1), telephone 2 (option 2), and alternate communications (option 5).
375	Enable Option 1	Options to turn on/off maintenance for telephone 1 (option 1), telephone 2 (option 2), and alternate communications (option 5)
376	Enable Option 1	Options to turn on/off testing for telephone 1 (option 1), telephone 2 (option 2), and alternate communications (option 5)
380	Enable Option 1	Option 1 turns on/off communications. Option 5 turns on/off 3rd telephone number.
381	Disable Option 3	Option 3 turns on/off code reporting.
382	Enable Option 5	Option 5 enables/disables communication link.
401	Enable Option 1	Option 1 enables/disables Double Call.
389	Set '003' Seconds	The time it will take to periodically check for faults.

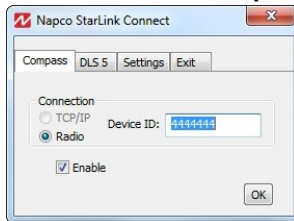
Honeywell Control Panel Connections



Using StarLink Connect Software with Honeywell Control Panels

The **Napco StarLink Connect** software is compatible with the Honeywell Compass® Downloader for Windows® Software. See www.security.honeywell.com for more information regarding Honeywell control panel compatibility with their Compass software. Before proceeding, the **StarLink Connect** SLE communicator must be wired to the Honeywell control panel as described earlier in this manual.

- Before connecting each time to the Compass Downloader for Windows software, launch the **Napco StarLink Connect** software by pressing "Alt + S" on the keyboard. In the popup that appears, click the **Compass** tab and type the StarLink radio **Device ID** (printed on the communicator PCB sticker) and click **OK**. **Note:** Always verify the communicator is a "StarLink Connect" communicator with the correct panel type before entering "ready to connect" mode (click **Info** to view communicator data). In addition, the PC-Security Code prompt will appear if a Code was used (the app will remember the last Code used until you exit the app from the System Tray).



- When the **Napco StarLink Connect** icon in the System Tray turns green with a black "C" in the center (shown at right), the **Napco StarLink Connect** software is ready to connect with the Compass Downloader for Windows software.
- Launch the Compass Downloader for Windows software and log in normally. When connected to the Compass Downloader for Windows software, the **Napco StarLink**



Connect icon in the System Tray turns yellow. Upload, download and/or program the Honeywell control panel as usual.

- To indicate real-time communication activity from the Compass Downloader for Windows software, through the **Napco StarLink Connect** software to the Honeywell control panel, the "C" in the center of the yellow StarLink icon will toggle between "black on white" and "white on black".
- Upon disconnection, the yellow StarLink icon turns back to green and waits for another Compass Downloader for Windows software connection. The last Radio ID used will be retained in memory (RAM) for convenient reconnection.



The **Napco StarLink Connect** software state changes are reflected in the appearance of its **System Tray** icons:



Red Icon: "Stopped" (initial state)



Green Icon: "Listening for Compass outgoing connection"



Yellow Icons: "Connected with Compass". During data transfer, yellow icon will toggle between "black on white" and "white on black" to indicate data transfer activity.



Honeywell Control Panel Programming

(This Page for use with Vista-10, 15, 20 and 21 Panels Only)

Program the Honeywell control panel to allow the operation of four (4) functional areas:

- Allow telco reporting to the central station
- Allow notification alerts (*iBridge Messenger* text messaging)
- Allow mobile device app communication for remote system control
- Allow **Napco StarLink Connect** software to support Honeywell Compass software.

IMPORTANT: See page 1 for compatible control panel models and firmware versions.

Programming for Telco Reporting

To report to a central station, you **must** program the Honeywell control panel to use Tip and Ring to send signals, as follows:

Field	Radio as Sole Communicator	Description
*41	Enter telephone number.	(This is the central station telephone number).
*43	Enter Account number.	(This is the central station account number).
*49	Enter 0	For All Communications to Communicator.
*54 & *55	Enter 0 for both	Phone Line Communicates First.
*65 & *66	Enter 1 for both	(Optional) Enable Opening/Closing Reports to the central Station.
*193	Enter 1, 0	Enable to turn on Address 20. "0" sets sound to beep.

Programming for Notifications, Mobile App and Napco StarLink Connect

To allow notification alerts (*iBridge Messenger* text messaging), mobile device app communication for remote system control and the **Napco StarLink Connect** software to support Honeywell Compass software. Program the Honeywell control panel as detailed in the table below. **IMPORTANT:** This table is used for Honeywell Vista-10, 15, 20 and 21 control panels only; see page 1 for compatible models and firmware versions. **Note:** If telco reporting and using Notifications, the Mobile App and/or Napco *StarLink Connect*, program the items in the above table and also the table below. For Honeywell Vista-128 control panels, go to page 6.

In addition, verify that your Vista control panel firmware revision allows for GSM emulation programming.

Field	Radio as Sole Communicator	Description
*29	Enter 1	This enables GSM (the communicator emulates a GSM).
*43	Enter Account Number	This is the central station account number.
*193	Enter 1, 0	"1" turns on/off keypad address (enable address 20). "0" sets sound to beep.

VISTA-21iP Additional Programming

Programming a Honeywell **VISTA-21iP** control panel requires the following ADDITIONAL programming steps:

1. Power down the Vista control panel by removing all AC and battery power.
2. On the **VISTA-21iP** motherboard, move the **Internal IP/GSM** jumper to the "OFF" position.
3. Restore power to the Vista control panel.
4. In the control panel programming ***29 menu mode**, set the **Internal IP/GSM** to **DISABLED** (refer to the Vista-21iP programming manual if needed).

Honeywell Control Panel Programming

(This Page for use with Vista-128 Panels Only)

IMPORTANT: These tables are used with **Honeywell Vista-128** control panels only; see page 1 for compatible models and firmware versions. For Honeywell Vista-10, 15, 20 and 21 control panels, see page 5. *Always adhere to the documentation for the Honeywell control panel in use.*

Program the Honeywell Vista-128 control panel to allow the operation of four (4) functional areas:

- Allow telco reporting to the central station
- Allow notification alerts (*iBridge Messenger* text messaging)
- Allow mobile device app communication for remote system control
- Allow **Napco StarLink Connect** to support Honeywell Compass software.

In addition, verify that your Vista control panel firmware revision allows for GSM emulation programming.

Programming for Telco Reporting (Vista-128)

To report to a central station, you **must** program the Honeywell control panel to use Tip and Ring to send signals, as follows:

Field	Radio as Sole Communicator	Description
*32	Enter Account number.	(This is the central station account number).
*33	Enter telephone number.	(This is the central station telephone number).
*37	Enter 1	Enable Download Command.
*56	Enter 0	Dynamic Signal Delay.
*57	Enter 1	Dynamic Signal Priority; setting "1" gives signal priority to the communicator.
#93	Enter 0	To enter "Menu Driven Mode". (Press #93 while still in programming mode to display the first choice of the "menu driven" programming functions). Go to the table below to continue.

Programming With #93 Menu Driven Mode

Press #93 while still in programming mode to display the first choice of the menu driven programming functions. Press 0 for "NO", or press 1 for "YES" in response to the displayed menu selection. Press [*] (keypad "star" key) to display the next selection in sequence. Program the following items in this #93 Menu:

Prompt	Enter	Description
ZONE PROG?	Enter 0	Answer "NO" to this question, then press [*] (keypad "star" key) repeatedly until the next selection (DEVICE PROG?) appears.
DEVICE PROG?	Enter 1	Enter "Device Programming" menu to identify the StarLink communicator to the control panel as a "keypad".
DEVICE ADDRESS	Enter 20	Identifies the StarLink communicator device address number to the control panel (the default address 20 is set in the communicator at the factory, and therefore will be used in this documentation). Press [*] to accept entry.
20 DEVICE TYPE	Enter 01	01 = Alpha keypad. Press [*] to accept entry.
20 CONSOLE PART.	Enter 1	Enter the addressable device's primary default partition number (1 to maximum number of partitions programmed for the system). Press [*] to accept entry.
20 SOUND OPTION	Enter 0	0 = No suppression of keypad sounds.
20 KEYPAD GLOBAL?	Enter 1	1 = Enables keypad for global arming/disarming. Press [*] to accept entry.
20 AUI ?	Enter 0	0 = "NO" Keypad is a standard alpha physical (not virtual) keypad.
DEVICE ADDRESS	Enter 03	Begin programming of the LRR (Long Range Radio Communicator) section of the StarLink communicator. This prompt identifies the LRR address number to the control panel (the default address 03 is set in the communicator at the factory, and therefore will be used in this documentation). Press [*] to accept entry.
03 DEVICE TYPE	Enter 06	06 = LRR (Long Range Radio Communicator). Press [*] to accept entry.
03 RADIO PROG?	Enter 0	0 = Disable LRR (Long Range Radio). Press 00* to quit programming mode and follow the remaining prompts to exit normally.

4/2 Pulse Dialing Format Compatibility

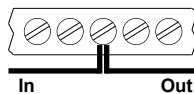
Note: The SLE Series Communicators are compatible with any UL Certified 4/2 Receiver such as the Ademco 685.

Name	Format Type	Handshake Frequency	Speed
Ademco Slow	4/2	1400 Hz or 2300Hz	10pps
Ademco Slow	4/2 checksum	1400 Hz or 2300Hz	10pps
Radionics Slow	4/2	2300Hz	10pps
Radionics Slow	4/2 checksum	2300Hz	10pps
Silent Knight Fast	4/2	1400 Hz or 2300Hz	20pps
Silent Knight Fast	4/2 checksum	1400 Hz or 2300Hz	20pps
Radionics Fast	4/2	2300Hz	40pps
Radionics Fast	4/2 checksum	2300Hz	40pps
Universal High Speed	4/2	1400 Hz or 2300Hz	40pps
Universal High Speed	4/2 checksum	1400 Hz or 2300Hz	40pps

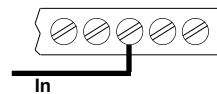
IMPORTANT WIRING METHODS



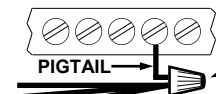
For **single-conductor terminal blocks** (like the type shown at left), to terminate more than one conductor to a terminal, use the wiring methods shown at right:



Incorrect



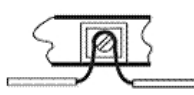
Correct -- Single incoming and/or pigtail with UL Certified wire nut / crimp connectors



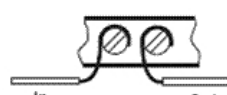
WIRE NUT OR CRIMP CONNECTOR



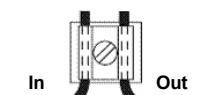
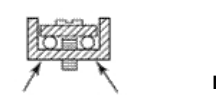
For **"barrier" type terminal blocks** (like the type shown at left), to terminate two conductors to a terminal, use the wiring methods shown at right:



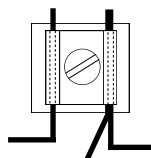
Incorrect



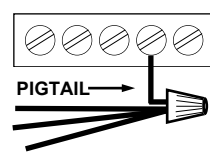
Correct -- Separate incoming and outgoing conductors



To terminate more than two conductors or conductors of different wire sizes to a terminal, use the "pigtail" type wiring method as shown at right. Use insulated wire for the pigtail, and firmly secure the conductors to the pigtail using an appropriate wire nut or crimp connector for the number and gauge of conductors used.

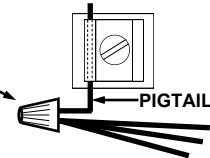


Incorrect



Correct -- Use UL Certified pigtail or wire nut / crimp connector

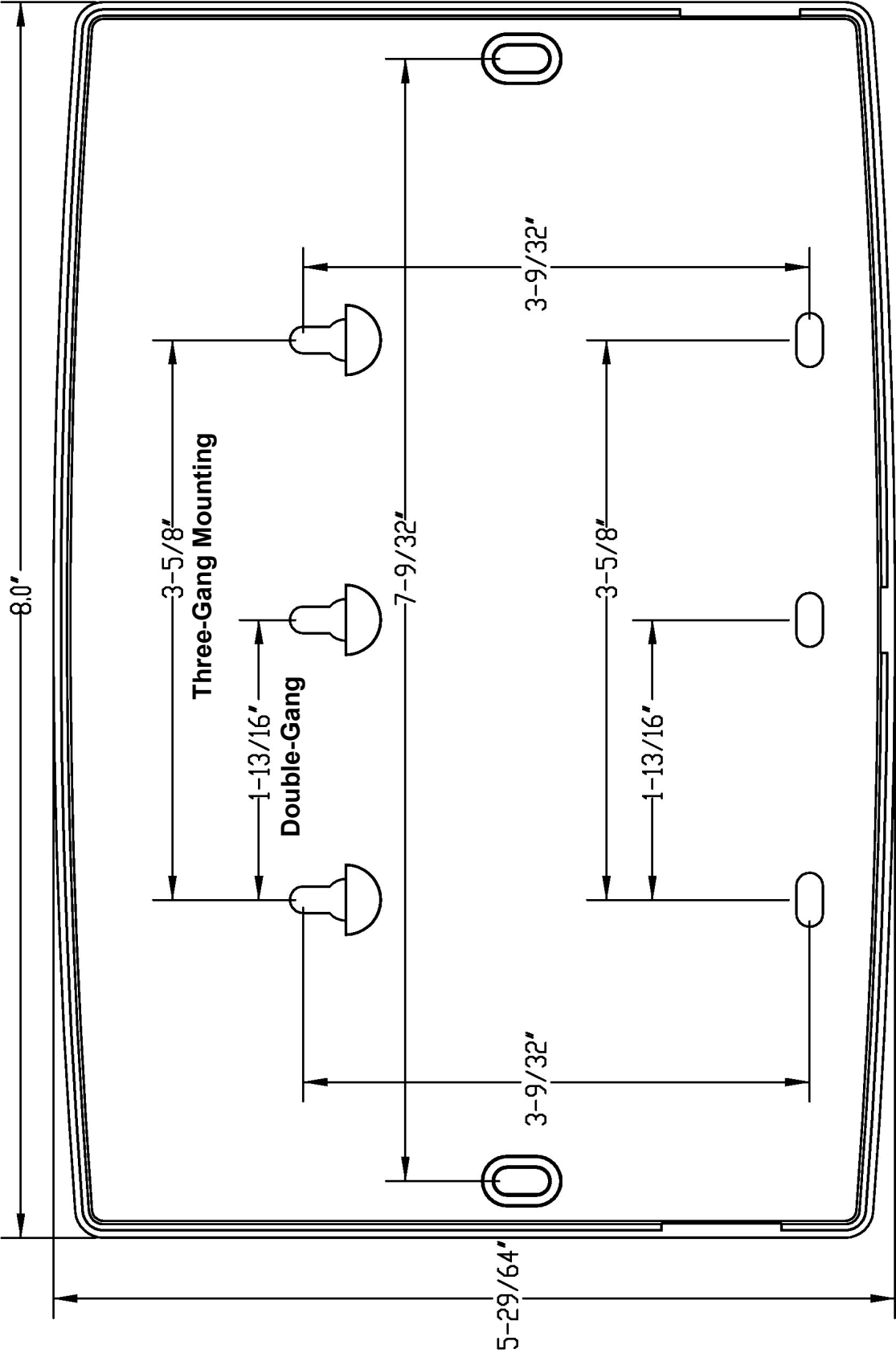
WIRE NUT OR CRIMP CONNECTOR



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NOTES

Housing Template (1:1 Scale)



NOTES

NOTES

NAPCO LIMITED WARRANTY

NAPCO SECURITY TECHNOLOGIES, INC. (NAPCO) warrants its products to be free from manufacturing defects in materials and workmanship for *thirty-six months* following the date of manufacture. NAPCO will, within said period, at its option, repair or replace any product failing to operate correctly without charge to the original purchaser or user.

This warranty shall not apply to any equipment, or any part thereof, which has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to acts of God, or on which any serial numbers have been altered, defaced or removed. Seller will not be responsible for any dismantling or reinstallation charges.

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Any action for breach of warranty, including but not limited to any implied warranty of merchantability, must be brought within the six months following the end of the warranty period. IN NO CASE SHALL NAPCO BE LIABLE TO ANYONE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, EVEN IF THE LOSS OR DAMAGE IS CAUSED BY THE SELLER'S OWN NEGLIGENCE OR FAULT.

In case of defect, contact the security professional who installed and maintains your security system. In order to exercise the warranty, the product must be returned by the security professional, shipping costs prepaid and insured to NAPCO. After repair or replacement, NAPCO assumes the cost of returning products under warranty. NAPCO shall have no obligation under this warranty, or otherwise, if the product has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to accident, nuisance, flood, fire or acts of God, or on which any serial numbers have been altered, defaced or removed. NAPCO will not be responsible for any dismantling, reassembly or reinstallation charges.

This warranty contains the entire warranty. It is the sole warranty and any prior agreements or representations, whether oral or written, are either merged herein or are expressly cancelled. NAPCO neither assumes, nor authorizes any other person

purporting to act on its behalf to modify, to change, or to assume for it, any other warranty or liability concerning its products.

In no event shall NAPCO be liable for an amount in excess of NAPCO's original selling price of the product, for any loss or damage, whether direct, indirect, incidental, consequential, or otherwise arising out of any failure of the product. Seller's warranty, as hereinabove set forth, shall not be enlarged, diminished or affected by and no obligation or liability shall arise or grow out of Seller's rendering of technical advice or service in connection with Buyer's order of the goods furnished hereunder.

NAPCO RECOMMENDS THAT THE ENTIRE SYSTEM BE COMPLETELY TESTED WEEKLY.

Warning: Despite frequent testing, and due to, but not limited to, any or all of the following; criminal tampering, electrical or communications disruption, it is possible for the system to fail to perform as expected. NAPCO does not represent that the product/system may not be compromised or circumvented; or that the product or system will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; nor that the product or system will in all cases provide adequate warning or protection. A properly installed and maintained alarm may only reduce risk of burglary, robbery, fire or otherwise but it is not insurance or a guarantee that these events will not occur. CONSEQUENTLY, SELLER SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE, OR OTHER LOSS BASED ON A CLAIM THE PRODUCT FAILED TO GIVE WARNING. Therefore, the installer should in turn advise the consumer to take any and all precautions for his or her safety including, but not limited to, fleeing the premises and calling police or fire department, in order to mitigate the possibilities of harm and/or damage.

NAPCO is not an insurer of either the property or safety of the user's family or employees, and limits its liability for any loss or damage including incidental or consequential damages to NAPCO's original selling price of the product regardless of the cause of such loss or damage.

Some states do not allow limitations on how long an implied warranty lasts or do not allow the exclusion or limitation of incidental or consequential damages, or differentiate in their treatment of limitations of liability for ordinary or gross negligence, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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