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KEYPAD PROGRAMMING INSTRUCTIONS VOLUME 2

COMPLIES WITH:

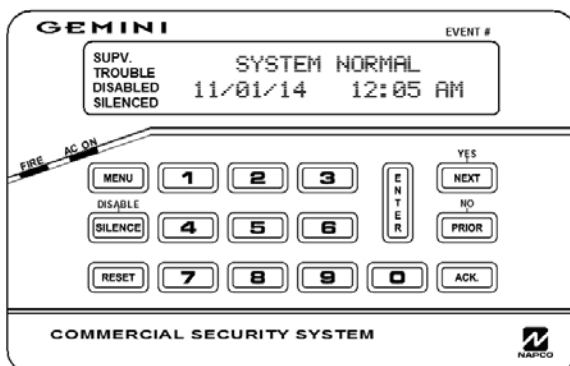
- NFPA 72 NATIONAL FIRE ALARM CODE
- UL 864 (9TH EDITION)



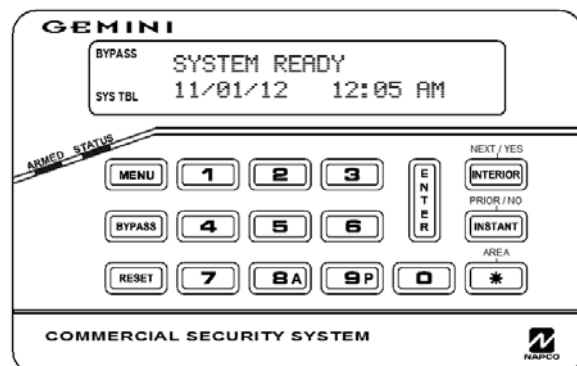
G E M C - 2 5 5
G E M C - 1 2 8
G E M C - 9 6
G E M C - 3 2

*Preliminary --
This draft cre-
ated 8/5/2010
6:03 PM*

COMMERCIAL / RESIDENTIAL
GEMINI C-Series CONTROL PANELS / COMMUNICATORS
Programming the Gemini C-Series Control Panels with
the **GEMC-FK1** Fire Keypad
or the **GEMC-BK1** Burglary Keypad for Burglary Only systems



GEMC-FK1 Keypad

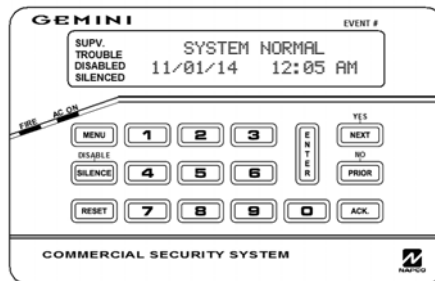


GEMC-BK1 Keypad

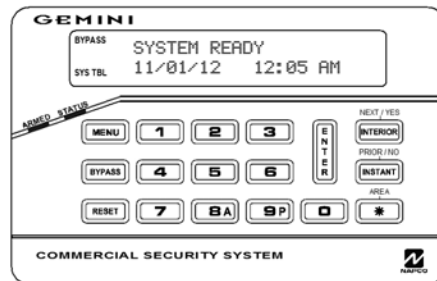
THIS MANUAL INCLUDES FEATURES WHICH ARE ONLY AVAILABLE IN CONTROL PANEL FIRMWARE VERSION 82G OR LATER, AND REFLECTS THE FEATURES FOUND IN PCD-WINDOWS QUICKLOADER DOWNLOAD SOFTWARE VERSION 6.0 OR GREATER.

IMPORTANT NOTE

The Gemini C-Series combination Fire and Burglary control panels are normally programmed with the **GEMC-FK1** Fire keypad. However, the control panel can also operate as a "Burglary Only" panel (by setting the jumper J1 located at the bottom left of the control panel), and may be programmed with the GEMC-BK1 keypad. In programming mode, the key locations used to program with the GEMC-BK1 keypad are identical to the GEMC-FK1 keypad, however only the button *labels* are different. Compare the images of the two keypads below:



GEMC-FK1 Fire Keypad



GEMC-BK1 Burglary Keypad

Note that the GEMC-FK1 keypad buttons "NEXT", "PRIOR", "ACK." and "SILENCE" are labeled "INTERIOR", "INSTANT", "☼", and "BYPASS" on the GEMC-BK1 Burglary keypad, respectively. These button equivalents are also expressed in the following table:

GEMC-FK1	GEMC-BK1
NEXT	INTERIOR
PRIOR	INSTANT
ACK.	☼
SILENCE	BYPASS

Warning: The use of non-NAPCO wireless devices with this control panel has not been evaluated by UL and voids the UL listing. In addition, the performance of these devices can not be guaranteed as compatible with NAPCO control panels.



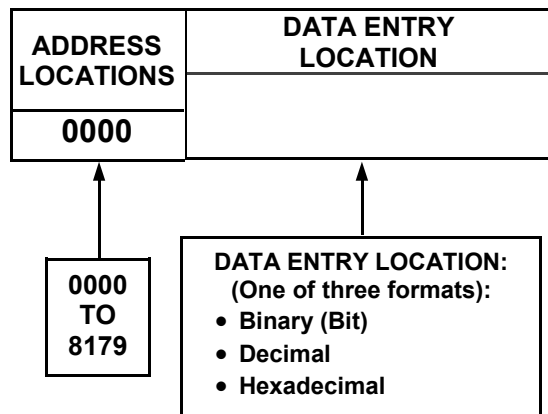
NAPCO Security Group, Inc.,
 333 Bayview Avenue, Amityville, New York 11701
 For Sales and Repairs, call toll free: (800) 645-9445
 For direct line to Technical Service, call toll free: (800) 645-9440
 Internet: <http://www.napcosecurity.com>



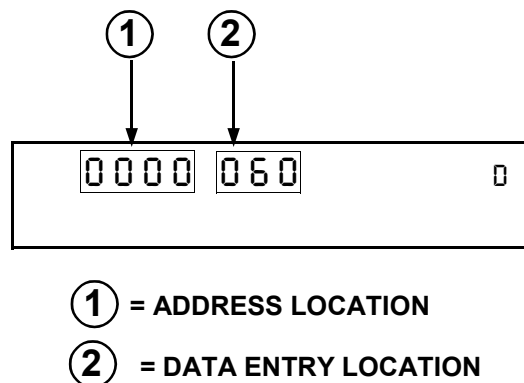
DIRECT ADDRESS PROGRAM MODE (CONT'D)

DIRECT ADDRESS OVERVIEW

Direct Address Programming allows you to go directly to the address locations (up to 8179) and change the data entries manually in order to customize your control panel options. Whereas the Easy Menu Program Mode guides you through limited selections to get you started, **Direct Address Program Mode** allows you to change all options directly. It consists of up to 8179 address locations each with data entry locations as shown in the following diagram (below left). The data entry location accepts data in one of three formats: Binary, Decimal and Hexadecimal (explained below in "Address Mode Displays"). The following diagram (below right) illustrates a *Decimal* format data entry location (using a GEMC-FK1 Fire keypad). **Note:** *PCD-Windows* **MUST** be used to place the *Gemini C-Series* system into operation.



GEMC-FK1 Keypad Display Example



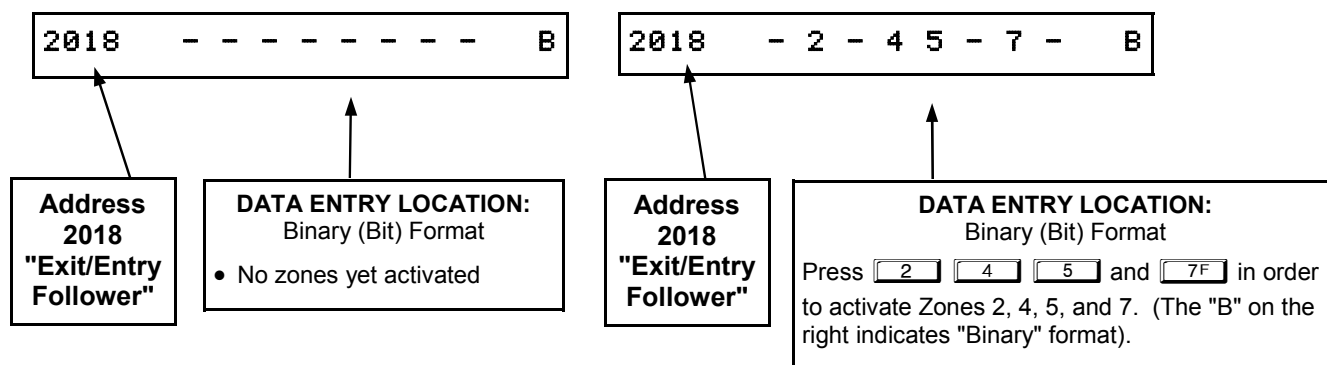
ADDRESS MODE DISPLAYS

There are three types of address displays when programming in Direct Entry Program Mode, as follows:

A) BINARY (BIT) FORMAT

Settings (such as Zone Features) display and accept data in binary "bit" or "number" format. For example, Zone Features are turned on by the pressing of keypad buttons 1 through 8, with the activated Zone(s) displaying the corresponding decimal digit (replacing deactivated zones which are signified by dashes).

EXAMPLE: With the GEMC-FK1 Fire keypad: Program Zones 2, 4, 5 and 7 as *Exit/Entry Follower Zones*.



DETERMINE THE DATA ENTRIES

Referring to the ZONE FEATURES page in the programming worksheets that follow, "Exit/Entry Follower" for zones 1 through 8 are located at address 2018.

ZONE FEATURES	ADDR	ZONES 1 → 8								ADDR	ZONES 9 → 16							
		Z1	Z2	Z3	Z4	Z5	Z6	Z7	Z8		Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16
		1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8
Exit/Entry Follower	2018						6	7	8	2118								

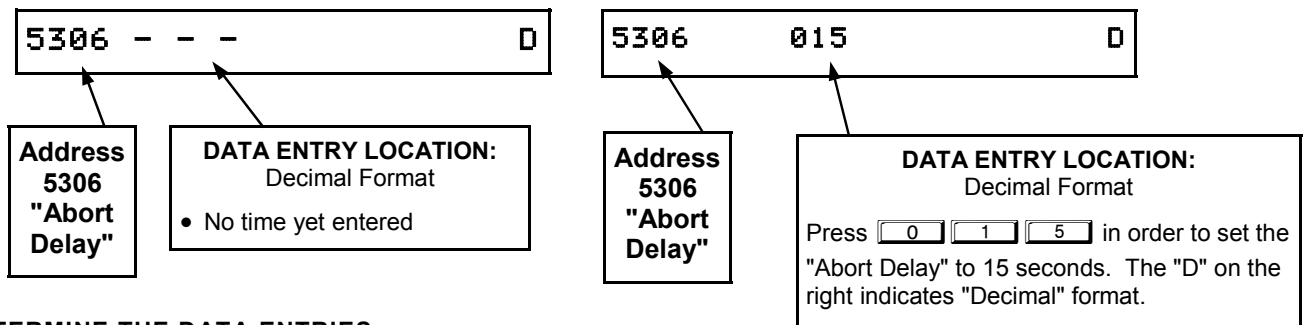
PROGRAM THE DATA ENTRIES

1. Enter the panel's Dealer Security Code, then press **[MENU]**.
2. Answer NO to all questions until "ACTIVATE PROGRAM Y/N" is displayed; then press YES. **NOTE:** If you pass "ACTIVATE PROGRAM", scroll backward using **[SILENCE]**.
3. Press **[RESET]** to enter the Address Program Mode. Address "0000" will display.
4. Press **[2]** **[0]** **[1]** **[8A]** to access Address 2018. *The existing data will display and the cursor will advance to the data field.*
5. Press **[2]** **[4]** **[5]** **[7F]**. The numbers 2, 4, 5 and 7 will appear on the keypad display indicating the zones activated.
6. Press **[ENTER]** to save. Address 2018 is now programmed with "2, 4, 5 and 7".
7. Press **[MENU]** and enter another 4-digit address to continue programming--or--press **[RESET]** to exit and resume normal keypad operation.

B) DECIMAL FORMAT

Settings such as Entry Delay and Exit Delay display and accept data in "decimal" format, as a 3 digit number. Data is entered directly, by pressing keys 0 – 9, with the cursor automatically moving to the right upon each key press.

EXAMPLE: Entries with the GEMC-FK1 keypads: Program *Abort Delay* to be 15 seconds.



DETERMINE THE DATA ENTRIES

Referring to SYSTEM DELAYS & TIMEOUTS in the Programming Worksheets that follow, the Abort Delay is located at address 5306:



ABORT DELAY (sec.)	ADDRESS 5306		

[Default = 000]







PROGRAM THE DATA ENTRIES























1. Enter the panel's Dealer Security Code, then press **[MENU]**.
2. Answer NO to all questions until "ACTIVATE PROGRAM Y/N" is displayed; then press YES. **NOTE:** If you pass "ACTIVATE PROGRAM", scroll backward using **[SILENCE]**.
3. Press **[RESET]** to enter the Address Program Mode. Address "0000" will display.
4. Press **[5]** **[3]** **[0]** **[6]** to access Address 5306. *The existing data will display and the cursor will advance to the data field.*
5. Press **[0]** **[1]** **[5]**. The numbers 015 will appear on the keypad display indicating the number of

seconds entered.

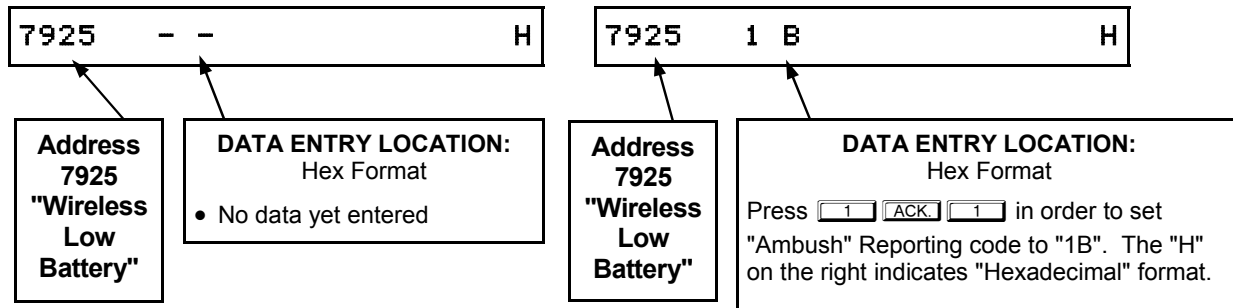
6. Press  to save. Address 5306 is now programmed with a 15-second Abort Delay.
7. Enter another 4-digit address to continue programming or press  to exit and resume normal keypad operation.

C) HEXADECIMAL FORMAT




Reporting Codes are entered by means of a hexadecimal display. Data is entered directly, by pressing keys 1 – 9,   for zero, and   through   for hex "B" through "F" (11-15), with the cursor automatically moving to the right upon each key press. See table below.

HEXADECIMAL ENTRIES					
ENTRY TOTAL	PRESS THIS KEY	KEYPAD DISPLAYS	ENTRY TOTAL	PRESS THIS KEY	KEYPAD DISPLAYS
("blank")		•	8		8
1		1	9		9
2		2	10	 	0
3		3	11	 	B
4		4	12	 	C
5		5	13	 	D
6		6	14	 	E
7		7	15	 	F

EXAMPLE: Entries with the GEMC-FK1 keypads: Program an *Alarm Trouble Reporting Code* (in a central station receiver format) to be "1B".
















DETERMINE THE DATA ENTRIES

Referring to the ALARM TROUBLE REPORTING CODES table in the programming worksheets that follow, the "Wireless Low Battery" reporting code is located at address 7925; the data entries needed to assign a code of "1B" are " " and " ".

ALARM/TROUBLE REPORTING CODES	Address	LEFT	RIGHT
Wireless Low Battery	7925		
Wireless Supervision	7926		
Wireless Tamper	7927		
[Default = blank (•) from address 7925-7927]			

PROGRAM THE DATA ENTRIES

1. Enter the panel's Dealer Security Code, then press .
2. Answer NO to all questions until "ACTIVATE PROGRAM Y/N" is displayed; then press YES. **NOTE:** If you pass

- "ACTIVATE PROGRAM", scroll backward using .
3. Press  to enter the Address Program Mode. Address "0000" will display.
 4. Press     to access Address 7925. *The existing data will display and the cursor will advance to the data field.*
 5. Since you wish the reporting code to be "1B", press  to enter a "1" in the display, and press   to enter a "B" in the display. **NOTE:** The right address is reported first, therefore, in the address table, the right digit is the 1st digit of the reporting code ("1" in this example). The left digit is the first digit and right digit is the second digit in a two digit CS receiver format.
 6. Press  to save. Address 7925 is now programmed with a "Wireless Low Battery" reporting code of "1B".
 7. Press  and enter another 4-digit address to continue programming--or--press  to exit and resume normal keypad operation.


PROGRAMMING CONVENTIONS USED IN THIS MANUAL



The keypad programming worksheets that follow are provided as an address-programming reference to help the installer modify (via the keypad) their custom default program or to make minor field alterations to an existing control panel program. The panel **MUST** be uploaded to NAPCO's PCD-Windows software following any keypad programming; the PCD-Windows's error-check feature must be utilized to reduce the possibility of programming omissions or conflicts. Keep the Keypad Programming Worksheets on file for future reference.


General Programming Steps

1. Contact the central station to ascertain receiver format, data format, event codes, subscriber numbers and telephone number(s).
2. Select the desired features by writing in (pencil recommended) the respective "address boxes". Refer to the Programming Options and Worksheets for guidance in selecting the "data" to be entered into those boxes.
3. Program the data entered in the boxes on the worksheets into the respective addresses. See the programming examples on the previous pages.

The displays will appear after a brief delay.

- Use the  button to toggle the cursor between the 4-digit address field and the data entry locations.
- The contents of the address will be read automatically, along with the feature name and programming information. The cursor will advance to the data field. Enter the required data directly using the number buttons.

 **IMPORTANT:** Press  to save the contents of each address.

EXIT DIRECT ADDRESS PROGRAM MODE: When done, press  to exit and resume normal keypad operation.

GLOBAL SYSTEM TROUBLE REPORTING OPTIONS (ADDRESS 1850-1884)

SYSTEM RESPONSE ACTIVATED BY GLOBAL EVENT/TROUBLE	ADDR	GLOBAL SYSTEM EVENT/TROUBLE							
		TEST TIMER	ALARM SUPERV.	COMM. BUS 1	MEMORY FAILURE	LOW BATTERY	AC FAIL	EZM TAMPER	SENSOR WATCH
		1	2	3	4	5	6	7	8
Burglary Alarm Output	1850								
Pulsed Burg. Bell	1851								
Burg PGM2	1852								
Burg Relay	1853								
Burg PGM1	1854								
Report Event Telco 1	1855								
Report Restore Telco 1	1856								
Report Event Telco 3	1859								
Report Restore Telco 3	1860								

[Default = blank (•) from address 1850-1860].

SYSTEM RESPONSE ACTIVATED BY GLOBAL EVENT/TROUBLE	ADDR	GLOBAL SYSTEM EVENT/TROUBLE							
		TELCO 1 FAIL	TELCO 2 FAIL	Telemetry Trouble	Telemetry Failure	GF	RSRVD.	ACM Low Battery	ACM Power Fail
		1	2	3	4	5	6	7	8
Burglary Alarm Output	1862								
Pulsed Burg. Bell	1863								
Burg PGM2	1864								
Burg Relay	1865								
Burg PGM1	1866								
Report Event Telco 1	1867								
Report Restore Telco 1	1868								
Report Event Telco 3	1871								
Report Restore Telco 3	1872								

[Default = blank (•) from address 1862-1872]

SYSTEM RESPONSE ACTIVATED BY GLOBAL EVENT/TROUBLE	ADDR	GLOBAL SYSTEM EVENT/TROUBLE							
		DIGITAL DIALER TEST	GUARD TOUR FAIL	RSRVD.	SERVICE MESSAGE	PROGRAM CHANGE	RSRVD.	RSRVD.	RSRVD.
		1	2	3	4	5	6	7	8
Burglary Alarm Output	1874								
Pulsed Burg. Bell	1875								
Burg PGM2	1876								
Burg Relay	1877								
Burg PGM1	1878								
Report Event Telco 1	1879								
Report Restore Telco 1	1880								
Report Event Telco 3	1883								
Report Restore Telco 3	1884								

[Default = blank (•) blank (•) from address 1874-1884]

1. Select the desired option entering the option number (1-8) for each digit.

2. Enter corresponding option number in address location.

NOTE: Dark shaded data value box shows option not available. Press  to save.

AREA SYSTEM TROUBLE REPORTING OPTIONS (ADDRESS 1890-1927)

SYSTEM RESPONSE ACTIVATED BY AREA 2 EVENT/TROUBLE	ADDR	AREA 2 SYSTEM EVENT/TROUBLE							
		AMBUSH	KEYPAD PANIC	KEYPAD FIRE	KEYPAD AUX.*	KEYPAD TAMPER	FAIL TO OPEN	FAIL TO CLOSE	RSRVD.
		1	2	3	4	5	6	7	8
Pulsed Burg. Bell	1900								
Burglary Bell	1901		Default ON		Default ON				
Burg PGM2	1902								
Burg Relay	1903								
Burg PGM1	1904								
Report Alarm Telco 1	1905		Default ON		Default ON				
Report Alarm Telco 3	1907								

[Defaults as noted from address 1900-1907] * NOTE: Keypad Aux. is not to be selected for UL Installations.

SYSTEM RESPONSE ACTIVATED BY AREA 3 EVENT/TROUBLE	ADDR	AREA 3 SYSTEM EVENT/TROUBLE							
		AMBUSH	KEYPAD PANIC	KEYPAD FIRE	KEYPAD AUX.*	KEYPAD TAMPER	FAIL TO OPEN	FAIL TO CLOSE	RSRVD.
		1	2	3	4	5	6	7	8
Pulsed Burg. Bell	1910								
Burglary Bell	1911								
Burg PGM2	1912								
Burg Relay	1913								
Burg PGM1	1914								
Report Alarm Telco 1	1915								
Report Alarm Telco 3	1917								

[Default = blank (*) blank (*) from address 1910-1917] * NOTE: Keypad Aux. is not to be selected for UL Installations.

SYSTEM RESPONSE ACTIVATED BY AREA 4 EVENT/TROUBLE	ADDR	AREA 4 SYSTEM EVENT/TROUBLE							
		AMBUSH	KEYPAD PANIC	KEYPAD FIRE	KEYPAD AUX.*	KEYPAD TAMPER	FAIL TO OPEN	FAIL TO CLOSE	RSRVD.
		1	2	3	4	5	6	7	8
Pulsed Burg. Bell	1920								
Burglary Bell	1921								
Burg PGM2	1922								
Burg Relay	1923								
Burg PGM1	1924								
Report Alarm Telco 1	1925								
Report Alarm Telco 3	1927								

[Default = blank (*) blank (*) from address 1920-1927] * NOTE: Keypad Aux. is not to be selected for UL Installations.

1. Select the desired option entering the option number (1-8) for each digit.

2. Enter corresponding option number in address location.

NOTE: Dark shaded data value box shows option not available.

3. Press  to save.

AREA SYSTEM TROUBLE REPORTING OPTIONS (ADDRESS 1930-1967)

SYSTEM RESPONSE ACTIVATED BY AREA 5 EVENT/TROUBLE	ADDR	AREA 5 SYSTEM EVENT/TROUBLE							
		AMBUSH	KEYPAD PANIC	KEYPAD FIRE	KEYPAD AUX.*	KEYPAD TAMPER	FAIL TO OPEN	FAIL TO CLOSE	RSRVD.
		1	2	3	4	5	6	7	8
Pulsed Burg. Bell	1930								
Burglary Bell	1931								
Burg PGM2	1932								
Burg Relay	1933								
Burg PGM1	1934								
Report Alarm Telco 1	1935								
Report Alarm Telco 3	1937								

[Default = blank (•) blank (•) from address 1930-1937] * NOTE: Keypad Aux. is not to be selected for UL Installations.

SYSTEM RESPONSE ACTIVATED BY AREA 6 EVENT/TROUBLE	ADDR	AREA 6 SYSTEM EVENT/TROUBLE							
		AMBUSH	KEYPAD PANIC	KEYPAD FIRE	KEYPAD AUX.*	KEYPAD TAMPER	FAIL TO OPEN	FAIL TO CLOSE	RSRVD.
		1	2	3	4	5	6	7	8
Pulsed Burg. Bell	1940								
Burglary Bell	1941								
Burg PGM2	1942								
Burg Relay	1943								
Burg PGM1	1944								
Report Alarm Telco 1	1945								
Report Alarm Telco 3	1947								

[Default = blank (•) blank (•) from address 1940-1947] * NOTE: Keypad Aux. is not to be selected for UL Installations.

SYSTEM RESPONSE ACTIVATED BY AREA 7 EVENT/TROUBLE	ADDR	AREA 7 SYSTEM EVENT/TROUBLE							
		AMBUSH	KEYPAD PANIC	KEYPAD FIRE	KEYPAD AUX.*	KEYPAD TAMPER	FAIL TO OPEN	FAIL TO CLOSE	RSRVD.
		1	2	3	4	5	6	7	8
Pulsed Burg. Bell	1950								
Burglary Bell	1951								
Burg PGM2	1952								
Burg Relay	1953								
Burg PGM1	1954								
Report Alarm Telco 1	1955								
Report Alarm Telco 3	1957								

[Default = blank (•) blank (•) from address 1950-1957] * NOTE: Keypad Aux. is not to be selected for UL Installations.


SYSTEM RESPONSE ACTIVATED BY AREA 8 EVENT/TROUBLE	ADDR	AREA 8 SYSTEM EVENT/TROUBLE							
		AMBUSH	KEYPAD PANIC	KEYPAD FIRE	KEYPAD AUX.*	KEYPAD TAMPER	FAIL TO OPEN	FAIL TO CLOSE	RSRVD.
		1	2	3	4	5	6	7	8
Pulsed Burg. Bell	1960								
Burglary Bell	1961								
Burg PGM2	1962								
Burg Relay	1963								
Burg PGM1	1964								
Report Alarm Telco 1	1965								
Report Alarm Telco 3	1967								

[Default = blank (•) blank (•) from address 1960-1967] * NOTE: Keypad Aux. is not to be selected for UL Installations.

1. Select the desired option entering the option number (1-8) for each digit.

2. Enter corresponding option number in address location.

NOTE: Dark shaded data value box shows option not available.


3. Press  to save.

ZONE OPTIONS / ZONES 1-8 (ADDRESS 2002-2088)

ZONE OPTIONS	ADDR	ZONES 1 ► 8							
		Z1	Z2	Z3	Z4	Z5	Z6	Z7	Z8
		1	2	3	4	5	6	7	8
Priority Zone	2002								
Priority / Bypass	2003								
AutoBypass	2004								
Selective Bypass	2005								
Keyswitch Arming	2006								
AutoBypass Re-entry	2007								
Pre-Alarm Warning	2008								
Never Arm	2009								
24-Hour Protection	2010								
Burg Bell	2011								
Pulse Burg Bell	2012								
Burg PGM2	2013								
Burg Relay	2014								
Burg PGM1	2015								
Exit/Entry #1	2016								
Exit/Entry #2	2017								
Exit/Entry Follower	2018								
Auto Reset	2019								
Swinger Shutdown	2020								
Chime Zone	2021								
Abort Delay	2022								
Power-Up Delay	2023								
Day Zone/Trouble Open	2024								
Day Zone/Trouble Short	2025								
Alarm on Day Zone/Trouble	2026								
Report Alarm Tel1	2027								
Rpt Alm Restore Tel1	2028								
Report Trouble Tel1	2029								
Rpt Tbl Restore Tel1	2030								
Reserved	2031								
Reserved	2032								
Reserved	2033								
Reserved	2034								
Report Alarm Tel3	2035								
Rpt Alm Restore Tel3	2036								
Report Trouble Tel3	2037								
Rpt Tbl Restore Tel3	2038								
No EOL Resistor	2039								
Sensor Watch	2040								
Trouble on Open	2041								
Trouble on Short	2042								
Trouble on Night Open	2043								

ZONE OPTIONS	ADDR	ZONES 1 ► 8							
		Z1	Z2	Z3	Z4	Z5	Z6	Z7	Z8
		1	2	3	4	5	6	7	8
Zone Area 1 (Fire)	2044								
Zone Area 2	2045								
Zone Area 3	2046								
Zone Area 4	2047								
Zone Area 5	2048								
Zone Area 6	2049								
Zone Area 7	2050								
Zone Area 8	2051								
Reserved?	2052								
Reserved?	2053								
Zone Anding Group 1	2054								
Zone Anding Group 2	2055								
Zone Anding Group 3	2056								
Zone Anding Group 4	2057								
Zone Anding Group 5	2058								
Zone Anding Group 6	2059								
Zone Anding Group 7	2060								
Zone Anding Group 8	2061								
Interior 1 Bypass	2062								
Interior 2 Bypass	2063								
Keypad Sounder on Alarm	2064								
Ext Fire Output 1	2065								
Ext Fire Output 2	2066								
Ext Fire Output 3	2067								
Ext Fire Output 4	2068								
Ext Fire Output 5	2069								
Ext Fire Output 6	2070								
Ext Fire Output 7	2071								
Ext Fire Output 8	2072								
Reserved	2073								
Reserved	2074								
Carbon Monoxide	2075								
Verification (Fire)	2076								
Waterflow (Fire)	2077								
Supervisory	2078								
Monitor Zone	2079								
NAC A	2080								
NAC B	2081								
NAC C	2082								
NAC D	2083								
Interior (STAY) Bypass	2084								
Night Arming	2085								
Chime 2	2086								
Delayed Trip 1	2087								
Delayed Trip 2	2088								

ZONE OPTIONS:

1. Select the desired zone option by entering the option number (1-8) for each selected zone.
2. Enter corresponding option number in address location, in Binary (Bit) Format.
3. Press  to save.

NOTE: Dark shaded data value box shows option not available.

FOOTNOTES AND SYMBOLS FOR TABLES

- ^A 2-wire smoke detectors only available for zones 1-8 or utilizing FWC-FSLC-CZM on SLC loop. See Installation Instructions (WI1653) for more details.
- ^B If *Fire Alarm Verification* is selected, then *Fire* must also be selected.
- ^C When the Easy Program Menu is used, these features are enabled by default (for new panels or after a Cold Start (address 8179)). Zone Area 1 is enabled for the first 8 zones only, by default.
- ^D Disable *Auto-Reset* on non-Fire zones for SIA CP-01 installations.




ZONE OPTIONS / ZONES 9-16 (ADDRESS 2102-2188)

ZONE OPTIONS	ADDR	ZONES 9 ► 16							
		Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16
		1	2	3	4	5	6	7	8
Priority Zone	2102								
Priority / Bypass	2103								
AutoBypass	2104								
Selective Bypass	2105								
Keyswitch Arming	2106								
AutoBypass Re-entry	2107								
Pre-Alarm Warning	2108								
Never Arm	2109								
24-Hour Protection	2110								
Burg Bell	2111								
Pulse Burg Bell	2112								
Burg PGM2	2113								
Burg Relay	2114								
Burg PGM1	2115								
Exit/Entry #1	2116								
Exit/Entry #2	2117								
Exit/Entry Follower	2118								
Auto Reset	2119								
Swinger Shutdown	2120								
Chime Zone	2121								
Abort Delay	2122								
Power-Up Delay	2123								
Day Zone/Trouble Open	2124								
Day Zone/Trouble Short	2125								
Alarm on Day Zone/Trouble	2126								
Report Alarm Tel1	2127								
Rpt Alm Restore Tel1	2128								
Report Trouble Tel1	2129								
Rpt Tbl Restore Tel1	2130								
Reserved	2131								
Reserved	2132								
Reserved	2133								
Reserved	2134								
Report Alarm Tel3	2135								
Rpt Alm Restore Tel3	2136								
Report Trouble Tel3	2137								
Rpt Tbl Restore Tel3	2138								
No EOL Resistor	2139								
Sensor Watch	2140								
Trouble on Open	2141								
Trouble on Short	2142								
Trouble on Night Open	2143								

ZONE OPTIONS	ADDR	ZONES 9 ► 16							
		Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16
		1	2	3	4	5	6	7	8
Zone Area 1 (Fire)	2144								
Zone Area 2	2145								
Zone Area 3	2146								
Zone Area 4	2147								
Zone Area 5	2148								
Zone Area 6	2149								
Zone Area 7	2150								
Zone Area 8	2151								
Reserved?	2152								
Reserved?	2153								
Zone Anding Group 1	2154								
Zone Anding Group 2	2155								
Zone Anding Group 3	2156								
Zone Anding Group 4	2157								
Zone Anding Group 5	2158								
Zone Anding Group 6	2159								
Zone Anding Group 7	2160								
Zone Anding Group 8	2161								
Interior 1 Bypass	2162								
Interior 2 Bypass	2163								
Keypad Sounder on Alarm	2164								
Ext Fire Output 1	2165								
Ext Fire Output 2	2166								
Ext Fire Output 3	2167								
Ext Fire Output 4	2168								
Ext Fire Output 5	2169								
Ext Fire Output 6	2170								
Ext Fire Output 7	2171								
Ext Fire Output 8	2172								
Reserved	2173								
Reserved	2174								
Carbon Monoxide	2175								
Verification (Fire)	2176								
Waterflow (Fire)	2177								
Supervisory	2178								
Monitor Zone	2179								
NAC A	2180								
NAC B	2181								
NAC C	2182								
NAC D	2183								
Interior (STAY) Bypass	2184								
Night Arming	2185								
Chime 2	2186								
Delayed Trip 1	2187								
Delayed Trip 2	2188								

ZONE OPTIONS:

1. Select the desired zone option by entering the option number (1-8) for each selected zone.
2. Enter corresponding option number in address location, in Binary (Bit) Format.
3. Press  to save.

NOTE: Dark shaded data value box shows option not available.

FOOTNOTES AND SYMBOLS FOR TABLES


- ^A 2-wire smoke detectors only available for zones 1-8 or utilizing FWC-FSLC-CZM on SLC loop. See Installation Instructions (WI1653) for more details.
- ^B If *Fire Alarm Verification* is selected, then *Fire* must also be selected.
- ^C When the Easy Program Menu is used, these features are enabled by default (for new panels or after a Cold Start (address 8179)). Zone Area 1 is enabled for the first 8 zones only, by default.
- ^D Disable *Auto-Reset* on non-Fire zones for SIA CP-01 installations.

ZONE OPTIONS / ZONES 17-24 (ADDRESS 2202-2288)

ZONE OPTIONS	ADDR	ZONES 17 ► 24							
		Z17	Z18	Z19	Z20	Z21	Z22	Z23	Z24
		1	2	3	4	5	6	7	8
Priority Zone	2202								
Priority / Bypass	2203								
AutoBypass	2204								
Selective Bypass	2205								
Keyswitch Arming	2206								
AutoBypass Re-entry	2207								
Pre-Alarm Warning	2208								
Never Arm	2209								
24-Hour Protection	2210								
Burg Bell	2211								
Pulse Burg Bell	2212								
Burg PGM2	2213								
Burg Relay	2214								
Burg PGM1	2215								
Exit/Entry #1	2216								
Exit/Entry #2	2217								
Exit/Entry Follower	2218								
Auto Reset	2219								
Swinger Shutdown	2220								
Chime Zone	2221								
Abort Delay	2222								
Power-Up Delay	2223								
Day Zone/Trouble Open	2224								
Day Zone/Trouble Short	2225								
Alarm on Day Zone/Trouble	2226								
Report Alarm Tel1	2227								
Rpt Alm Restore Tel1	2228								
Report Trouble Tel1	2229								
Rpt Tbl Restore Tel1	2230								
Reserved	2231								
Reserved	2232								
Reserved	2233								
Reserved	2234								
Report Alarm Tel3	2235								
Rpt Alm Restore Tel3	2236								
Report Trouble Tel3	2237								
Rpt Tbl Restore Tel3	2238								
No EOL Resistor	2239								
Sensor Watch	2240								
Trouble on Open	2241								
Trouble on Short	2242								
Trouble on Night Open	2243								

ZONE OPTIONS	ADDR	ZONES 17 ► 24							
		Z17	Z18	Z19	Z20	Z21	Z22	Z23	Z24
		1	2	3	4	5	6	7	8
Zone Area 1 (Fire)	2244								
Zone Area 2	2245								
Zone Area 3	2246								
Zone Area 4	2247								
Zone Area 5	2248								
Zone Area 6	2249								
Zone Area 7	2250								
Zone Area 8	2251								
Reserved?	2252								
Reserved?	2253								
Zone Anding Group 1	2254								
Zone Anding Group 2	2255								
Zone Anding Group 3	2256								
Zone Anding Group 4	2257								
Zone Anding Group 5	2258								
Zone Anding Group 6	2259								
Zone Anding Group 7	2260								
Zone Anding Group 8	2261								
Interior 1 Bypass	2262								
Interior 2 Bypass	2263								
Keypad Sounder on Alarm	2264								
Ext Fire Output 1	2265								
Ext Fire Output 2	2266								
Ext Fire Output 3	2267								
Ext Fire Output 4	2268								
Ext Fire Output 5	2269								
Ext Fire Output 6	2270								
Ext Fire Output 7	2271								
Ext Fire Output 8	2272								
Reserved	2273								
Reserved	2274								
Carbon Monoxide	2275								
Verification (Fire)	2276								
Waterflow (Fire)	2277								
Supervisory	2278								
Monitor Zone	2279								
NAC A	2280								
NAC B	2281								
NAC C	2282								
NAC D	2283								
Interior (STAY) Bypass	2284								
Night Arming	2285								
Chime 2	2286								
Delayed Trip 1	2287								
Delayed Trip 2	2288								

ZONE OPTIONS:

1. Select the desired zone option by entering the option number (1-8) for each selected zone.
2. Enter corresponding option number in address location, in Binary (Bit) Format.
3. Press  to save.

NOTE: Dark shaded data value box shows option not available.

FOOTNOTES AND SYMBOLS FOR TABLES

- ^A 2-wire smoke detectors only available for zones 1-8 or utilizing FWC-FSLC-CZM on SLC loop. See Installation Instructions (WI1653) for more details.
- ^B If *Fire Alarm Verification* is selected, then *Fire* must also be selected.
- ^C When the Easy Program Menu is used, these features are enabled by default (for new panels or after a Cold Start (address 8179)). Zone Area 1 is enabled for the first 8 zones only, by default.
- ^D Disable *Auto-Reset* on non-Fire zones for SIA CP-01 installations.




ZONE OPTIONS / ZONES 25-32 (ADDRESS 2302-2388)

ZONE OPTIONS	ADDR	ZONES 25 ► 32							
		Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32
		1	2	3	4	5	6	7	8
Priority Zone	2302								
Priority / Bypass	2303								
AutoBypass	2304								
Selective Bypass	2305								
Keyswitch Arming	2306								
AutoBypass Re-entry	2307								
Pre-Alarm Warning	2308								
Never Arm	2309								
24-Hour Protection	2310								
Burg Bell	2311								
Pulse Burg Bell	2312								
Burg PGM2	2313								
Burg Relay	2314								
Burg PGM1	2315								
Exit/Entry #1	2316								
Exit/Entry #2	2317								
Exit/Entry Follower	2318								
Auto Reset	2319								
Swinger Shutdown	2320								
Chime Zone	2321								
Abort Delay	2322								
Power-Up Delay	2323								
Day Zone/Trouble Open	2324								
Day Zone/Trouble Short	2325								
Alarm on Day Zone/Trouble	2326								
Report Alarm Tel1	2327								
Rpt Alm Restore Tel1	2328								
Report Trouble Tel1	2329								
Rpt Tbl Restore Tel1	2330								
Reserved	2331								
Reserved	2332								
Reserved	2333								
Reserved	2334								
Report Alarm Tel3	2335								
Rpt Alm Restore Tel3	2336								
Report Trouble Tel3	2337								
Rpt Tbl Restore Tel3	2338								
No EOL Resistor	2339								
Sensor Watch	2340								
Trouble on Open	2341								
Trouble on Short	2342								
Trouble on Night Open	2343								

ZONE OPTIONS	ADDR	ZONES 25 ► 32							
		Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32
		1	2	3	4	5	6	7	8
Zone Area 1 (Fire)	2344								
Zone Area 2	2345								
Zone Area 3	2346								
Zone Area 4	2347								
Zone Area 5	2348								
Zone Area 6	2349								
Zone Area 7	2350								
Zone Area 8	2351								
Reserved?	2352								
Reserved?	2353								
Zone Anding Group 1	2354								
Zone Anding Group 2	2355								
Zone Anding Group 3	2356								
Zone Anding Group 4	2357								
Zone Anding Group 5	2358								
Zone Anding Group 6	2359								
Zone Anding Group 7	2360								
Zone Anding Group 8	2361								
Interior 1 Bypass	2362								
Interior 2 Bypass	2363								
Keypad Sounder on Alarm	2364								
Ext Fire Output 1	2365								
Ext Fire Output 2	2366								
Ext Fire Output 3	2367								
Ext Fire Output 4	2368								
Ext Fire Output 5	2369								
Ext Fire Output 6	2370								
Ext Fire Output 7	2371								
Ext Fire Output 8	2372								
Reserved	2373								
Reserved	2374								
Carbon Monoxide	2375								
Verification (Fire)	2376								
Waterflow (Fire)	2377								
Supervisory	2378								
Monitor Zone	2379								
NAC A	2380								
NAC B	2381								
NAC C	2382								
NAC D	2383								
Interior (STAY) Bypass	2384								
Night Arming	2385								
Chime 2	2386								
Delayed Trip 1	2387								
Delayed Trip 2	2388								

ZONE OPTIONS:

1. Select the desired zone option by entering the option number (1-8) for each selected zone.
2. Enter corresponding option number in address location, in Binary (Bit) Format.
3. Press  to save.

NOTE: Dark shaded data value box shows option not available.

FOOTNOTES AND SYMBOLS FOR TABLES


- ^A 2-wire smoke detectors only available for zones 1-8 or utilizing FWC-FSLC-CZM on SLC loop. See Installation Instructions (WI1653) for more details.
- ^B If *Fire Alarm Verification* is selected, then *Fire* must also be selected.
- ^C When the Easy Program Menu is used, these features are enabled by default (for new panels or after a Cold Start (address 8179)). Zone Area 1 is enabled for the first 8 zones only, by default.
- ^D Disable *Auto-Reset* on non-Fire zones for SIA CP-01 installations.

ZONE OPTIONS / ZONES 33-40 (ADDRESS 2402-2488)

ZONE OPTIONS	ADDR	ZONES 33 ► 40							
		Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40
		1	2	3	4	5	6	7	8
Priority Zone	2402								
Priority / Bypass	2403								
AutoBypass	2404								
Selective Bypass	2405								
Keyswitch Arming	2406								
AutoBypass Re-entry	2407								
Pre-Alarm Warning	2408								
Never Arm	2409								
24-Hour Protection	2410								
Burg Bell	2411								
Pulse Burg Bell	2412								
Burg PGM2	2413								
Burg Relay	2414								
Burg PGM1	2415								
Exit/Entry #1	2416								
Exit/Entry #2	2417								
Exit/Entry Follower	2418								
Auto Reset	2419								
Swinger Shutdown	2420								
Chime Zone	2421								
Abort Delay	2422								
Power-Up Delay	2423								
Day Zone/Trouble Open	2424								
Day Zone/Trouble Short	2425								
Alarm on Day Zone/Trouble	2426								
Report Alarm Tel1	2427								
Rpt Alm Restore Tel1	2428								
Report Trouble Tel1	2429								
Rpt Tbl Restore Tel1	2430								
Reserved	2431								
Reserved	2432								
Reserved	2433								
Reserved	2434								
Report Alarm Tel3	2435								
Rpt Alm Restore Tel3	2436								
Report Trouble Tel3	2437								
Rpt Tbl Restore Tel3	2438								
No EOL Resistor	2439								
Sensor Watch	2440								
Trouble on Open	2441								
Trouble on Short	2442								
Trouble on Night Open	2443								

ZONE OPTIONS	ADDR	ZONES 33 ► 40							
		Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40
		1	2	3	4	5	6	7	8
Zone Area 1 (Fire)	2444								
Zone Area 2	2445								
Zone Area 3	2446								
Zone Area 4	2447								
Zone Area 5	2448								
Zone Area 6	2449								
Zone Area 7	2450								
Zone Area 8	2451								
Reserved?	2452								
Reserved?	2453								
Zone Anding Group 1	2454								
Zone Anding Group 2	2455								
Zone Anding Group 3	2456								
Zone Anding Group 4	2457								
Zone Anding Group 5	2458								
Zone Anding Group 6	2459								
Zone Anding Group 7	2460								
Zone Anding Group 8	2461								
Interior 1 Bypass	2462								
Interior 2 Bypass	2463								
Keypad Sounder on Alarm	2464								
Ext Fire Output 1	2465								
Ext Fire Output 2	2466								
Ext Fire Output 3	2467								
Ext Fire Output 4	2468								
Ext Fire Output 5	2469								
Ext Fire Output 6	2470								
Ext Fire Output 7	2471								
Ext Fire Output 8	2472								
Reserved	2473								
Reserved	2474								
Carbon Monoxide	2475								
Verification (Fire)	2476								
Waterflow (Fire)	2477								
Supervisory	2478								
Monitor Zone	2479								
NAC A	2480								
NAC B	2481								
NAC C	2482								
NAC D	2483								
Interior (STAY) Bypass	2484								
Night Arming	2485								
Chime 2	2486								
Delayed Trip 1	2487								
Delayed Trip 2	2488								

ZONE OPTIONS:

1. Select the desired zone option by entering the option number (1-8) for each selected zone.
2. Enter corresponding option number in address location, in Binary (Bit) Format.
3. Press  to save.

NOTE: Dark shaded data value box shows option not available.

FOOTNOTES AND SYMBOLS FOR TABLES

- ^A 2-wire smoke detectors only available for zones 1-8 or utilizing FWC-FSLC-CZM on SLC loop. See Installation Instructions (WI1653) for more details.
- ^B If *Fire Alarm Verification* is selected, then *Fire* must also be selected.
- ^C When the Easy Program Menu is used, these features are enabled by default (for new panels or after a Cold Start (address 8179)). Zone Area 1 is enabled for the first 8 zones only, by default.
- ^D Disable *Auto-Reset* on non-Fire zones for SIA CP-01 installations.




ZONE OPTIONS / ZONES 41-48 (ADDRESS 2502-2588)

ZONE OPTIONS	ADDR	ZONES 41 ► 48							
		Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48
		1	2	3	4	5	6	7	8
Priority Zone	2502								
Priority / Bypass	2503								
AutoBypass	2504								
Selective Bypass	2505								
Keyswitch Arming	2506								
AutoBypass Re-entry	2507								
Pre-Alarm Warning	2508								
Never Arm	2509								
24-Hour Protection	2510								
Burg Bell	2511								
Pulse Burg Bell	2512								
Burg PGM2	2513								
Burg Relay	2514								
Burg PGM1	2515								
Exit/Entry #1	2516								
Exit/Entry #2	2517								
Exit/Entry Follower	2518								
Auto Reset	2519								
Swinger Shutdown	2520								
Chime Zone	2521								
Abort Delay	2522								
Power-Up Delay	2523								
Day Zone/Trouble Open	2524								
Day Zone/Trouble Short	2525								
Alarm on Day Zone/Trouble	2526								
Report Alarm Tel1	2527								
Rpt Alm Restore Tel1	2528								
Report Trouble Tel1	2529								
Rpt Tbl Restore Tel1	2530								
Reserved	2531								
Reserved	2532								
Reserved	2533								
Reserved	2534								
Report Alarm Tel3	2535								
Rpt Alm Restore Tel3	2536								
Report Trouble Tel3	2537								
Rpt Tbl Restore Tel3	2538								
No EOL Resistor	2539								
Sensor Watch	2540								
Trouble on Open	2541								
Trouble on Short	2542								
Trouble on Night Open	2543								

ZONE OPTIONS	ADDR	ZONES 41 ► 48							
		Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48
		1	2	3	4	5	6	7	8
Zone Area 1 (Fire)	2544								
Zone Area 2	2545								
Zone Area 3	2546								
Zone Area 4	2547								
Zone Area 5	2548								
Zone Area 6	2549								
Zone Area 7	2550								
Zone Area 8	2551								
Reserved?	2552								
Reserved?	2553								
Zone Anding Group 1	2554								
Zone Anding Group 2	2555								
Zone Anding Group 3	2556								
Zone Anding Group 4	2557								
Zone Anding Group 5	2558								
Zone Anding Group 6	2559								
Zone Anding Group 7	2560								
Zone Anding Group 8	2561								
Interior 1 Bypass	2562								
Interior 2 Bypass	2563								
Keypad Sounder on Alarm	2564								
Ext Fire Output 1	2565								
Ext Fire Output 2	2566								
Ext Fire Output 3	2567								
Ext Fire Output 4	2568								
Ext Fire Output 5	2569								
Ext Fire Output 6	2570								
Ext Fire Output 7	2571								
Ext Fire Output 8	2572								
Reserved	2573								
Reserved	2574								
Carbon Monoxide	2575								
Verification (Fire)	2576								
Waterflow (Fire)	2577								
Supervisory	2578								
Monitor Zone	2579								
NAC A	2580								
NAC B	2581								
NAC C	2582								
NAC D	2583								
Interior (STAY) Bypass	2584								
Night Arming	2585								
Chime 2	2586								
Delayed Trip 1	2587								
Delayed Trip 2	2588								

ZONE OPTIONS:

1. Select the desired zone option by entering the option number (1-8) for each selected zone.
2. Enter corresponding option number in address location, in Binary (Bit) Format.
3. Press  to save.

NOTE: Dark shaded data value box shows option not available.

FOOTNOTES AND SYMBOLS FOR TABLES


- ^A 2-wire smoke detectors only available for zones 1-8 or utilizing FWC-FSLC-CZM on SLC loop. See Installation Instructions (WI1653) for more details.
- ^B If *Fire Alarm Verification* is selected, then *Fire* must also be selected.
- ^C When the Easy Program Menu is used, these features are enabled by default (for new panels or after a Cold Start (address 8179)). Zone Area 1 is enabled for the first 8 zones only, by default.
- ^D Disable *Auto-Reset* on non-Fire zones for SIA CP-01 installations.

ZONE OPTIONS / ZONES 49-56 (ADDRESS 2602-2688)

ZONE OPTIONS	ADDR	ZONES 49 ► 56							
		Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56
		1	2	3	4	5	6	7	8
Priority Zone	2602								
Priority / Bypass	2603								
AutoBypass	2604								
Selective Bypass	2605								
Keyswitch Arming	2606								
AutoBypass Re-entry	2607								
Pre-Alarm Warning	2608								
Never Arm	2609								
24-Hour Protection	2610								
Burg Bell	2611								
Pulse Burg Bell	2612								
Burg PGM2	2613								
Burg Relay	2614								
Burg PGM1	2615								
Exit/Entry #1	2616								
Exit/Entry #2	2617								
Exit/Entry Follower	2618								
Auto Reset	2619								
Swinger Shutdown	2620								
Chime Zone	2621								
Abort Delay	2622								
Power-Up Delay	2623								
Day Zone/Trouble Open	2624								
Day Zone/Trouble Short	2625								
Alarm on Day Zone/Trouble	2626								
Report Alarm Tel1	2627								
Rpt Alm Restore Tel1	2628								
Report Trouble Tel1	2629								
Rpt Tbl Restore Tel1	2630								
Reserved	2631								
Reserved	2632								
Reserved	2633								
Reserved	2634								
Report Alarm Tel3	2635								
Rpt Alm Restore Tel3	2636								
Report Trouble Tel3	2637								
Rpt Tbl Restore Tel3	2638								
No EOL Resistor	2639								
Sensor Watch	2640								
Trouble on Open	2641								
Trouble on Short	2642								
Trouble on Night Open	2643								

ZONE OPTIONS	ADDR	ZONES 49 ► 56							
		Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56
		1	2	3	4	5	6	7	8
Zone Area 1 (Fire)	2644								
Zone Area 2	2645								
Zone Area 3	2646								
Zone Area 4	2647								
Zone Area 5	2648								
Zone Area 6	2649								
Zone Area 7	2650								
Zone Area 8	2651								
Reserved?	2652								
Reserved?	2653								
Zone Anding Group 1	2654								
Zone Anding Group 2	2655								
Zone Anding Group 3	2656								
Zone Anding Group 4	2657								
Zone Anding Group 5	2658								
Zone Anding Group 6	2659								
Zone Anding Group 7	2660								
Zone Anding Group 8	2661								
Interior 1 Bypass	2662								
Interior 2 Bypass	2663								
Keypad Sounder on Alarm	2664								
Ext Fire Output 1	2665								
Ext Fire Output 2	2666								
Ext Fire Output 3	2667								
Ext Fire Output 4	2668								
Ext Fire Output 5	2669								
Ext Fire Output 6	2670								
Ext Fire Output 7	2671								
Ext Fire Output 8	2672								
Reserved	2673								
Reserved	2674								
Carbon Monoxide	2675								
Verification (Fire)	2676								
Waterflow (Fire)	2677								
Supervisory	2678								
Monitor Zone	2679								
NAC A	2680								
NAC B	2681								
NAC C	2682								
NAC D	2683								
Interior (STAY) Bypass	2684								
Night Arming	2685								
Chime 2	2686								
Delayed Trip 1	2687								
Delayed Trip 2	2688								

ZONE OPTIONS:

1. Select the desired zone option by entering the option number (1-8) for each selected zone.
2. Enter corresponding option number in address location, in Binary (Bit) Format.
3. Press  to save.

NOTE: Dark shaded data value box shows option not available.

FOOTNOTES AND SYMBOLS FOR TABLES

- ^A 2-wire smoke detectors only available for zones 1-8 or utilizing FWC-FSLC-CZM on SLC loop. See Installation Instructions (WI1653) for more details.
- ^B If *Fire Alarm Verification* is selected, then *Fire* must also be selected.
- ^C When the Easy Program Menu is used, these features are enabled by default (for new panels or after a Cold Start (address 8179)). Zone Area 1 is enabled for the first 8 zones only, by default.
- ^D Disable *Auto-Reset* on non-Fire zones for SIA CP-01 installations.




ZONE OPTIONS / ZONES 57-64 (ADDRESS 2702-2788)

ZONE OPTIONS	ADDR	ZONES 57 ► 64							
		Z57	Z58	Z59	Z60	Z61	Z62	Z63	Z64
		1	2	3	4	5	6	7	8
Priority Zone	2702								
Priority / Bypass	2703								
AutoBypass	2704								
Selective Bypass	2705								
Keyswitch Arming	2706								
AutoBypass Re-entry	2707								
Pre-Alarm Warning	2708								
Never Arm	2709								
24-Hour Protection	2710								
Burg Bell	2711								
Pulse Burg Bell	2712								
Burg PGM2	2713								
Burg Relay	2714								
Burg PGM1	2715								
Exit/Entry #1	2716								
Exit/Entry #2	2717								
Exit/Entry Follower	2718								
Auto Reset	2719								
Swinger Shutdown	2720								
Chime Zone	2721								
Abort Delay	2722								
Power-Up Delay	2723								
Day Zone/Trouble Open	2724								
Day Zone/Trouble Short	2725								
Alarm on Day Zone/Trouble	2726								
Report Alarm Tel1	2727								
Rpt Alm Restore Tel1	2728								
Report Trouble Tel1	2729								
Rpt Tbl Restore Tel1	2730								
Reserved	2731								
Reserved	2732								
Reserved	2733								
Reserved	2734								
Report Alarm Tel3	2735								
Rpt Alm Restore Tel3	2736								
Report Trouble Tel3	2737								
Rpt Tbl Restore Tel3	2738								
No EOL Resistor	2739								
Sensor Watch	2740								
Trouble on Open	2741								
Trouble on Short	2742								
Trouble on Night Open	2743								

ZONE OPTIONS	ADDR	ZONES 57 ► 64							
		Z57	Z58	Z59	Z60	Z61	Z62	Z63	Z64
		1	2	3	4	5	6	7	8
Zone Area 1 (Fire)	2744								
Zone Area 2	2745								
Zone Area 3	2746								
Zone Area 4	2747								
Zone Area 5	2748								
Zone Area 6	2749								
Zone Area 7	2750								
Zone Area 8	2751								
Reserved?	2752								
Reserved?	2753								
Zone Anding Group 1	2754								
Zone Anding Group 2	2755								
Zone Anding Group 3	2756								
Zone Anding Group 4	2757								
Zone Anding Group 5	2758								
Zone Anding Group 6	2759								
Zone Anding Group 7	2760								
Zone Anding Group 8	2761								
Interior 1 Bypass	2762								
Interior 2 Bypass	2763								
Keypad Sounder on Alarm	2764								
Ext Fire Output 1	2765								
Ext Fire Output 2	2766								
Ext Fire Output 3	2767								
Ext Fire Output 4	2768								
Ext Fire Output 5	2769								
Ext Fire Output 6	2770								
Ext Fire Output 7	2771								
Ext Fire Output 8	2772								
Reserved	2773								
Reserved	2774								
Carbon Monoxide	2775								
Verification (Fire)	2776								
Waterflow (Fire)	2777								
Supervisory	2778								
Monitor Zone	2779								
NAC A	2780								
NAC B	2781								
NAC C	2782								
NAC D	2783								
Interior (STAY) Bypass	2784								
Night Arming	2785								
Chime 2	2786								
Delayed Trip 1	2787								
Delayed Trip 2	2788								

ZONE OPTIONS:

1. Select the desired zone option by entering the option number (1-8) for each selected zone.
2. Enter corresponding option number in address location, in Binary (Bit) Format.
3. Press  to save.

NOTE: Dark shaded data value box shows option not available.

FOOTNOTES AND SYMBOLS FOR TABLES


- ^A 2-wire smoke detectors only available for zones 1-8 or utilizing FWC-FSLC-CZM on SLC loop. See Installation Instructions (WI1653) for more details.
- ^B If *Fire Alarm Verification* is selected, then *Fire* must also be selected.
- ^C When the Easy Program Menu is used, these features are enabled by default (for new panels or after a Cold Start (address 8179)). Zone Area 1 is enabled for the first 8 zones only, by default.
- ^D Disable *Auto-Reset* on non-Fire zones for SIA CP-01 installations.

ZONE OPTIONS / ZONES 65-72 (ADDRESS 2802-2888)

ZONE OPTIONS	ADDR	ZONES 65 ► 72							
		Z65	Z66	Z67	Z68	Z69	Z70	Z71	Z72
		1	2	3	4	5	6	7	8
Priority Zone	2802								
Priority / Bypass	2803								
AutoBypass	2804								
Selective Bypass	2805								
Keyswitch Arming	2806								
AutoBypass Re-entry	2807								
Pre-Alarm Warning	2808								
Never Arm	2809								
24-Hour Protection	2810								
Burg Bell	2811								
Pulse Burg Bell	2812								
Burg PGM2	2813								
Burg Relay	2814								
Burg PGM1	2815								
Exit/Entry #1	2816								
Exit/Entry #2	2817								
Exit/Entry Follower	2818								
Auto Reset	2819								
Swinger Shutdown	2820								
Chime Zone	2821								
Abort Delay	2822								
Power-Up Delay	2823								
Day Zone/Trouble Open	2824								
Day Zone/Trouble Short	2825								
Alarm on Day Zone/Trouble	2826								
Report Alarm Tel1	2827								
Rpt Alm Restore Tel1	2828								
Report Trouble Tel1	2829								
Rpt Tbl Restore Tel1	2830								
Reserved	2831								
Reserved	2832								
Reserved	2833								
Reserved	2834								
Report Alarm Tel3	2835								
Rpt Alm Restore Tel3	2836								
Report Trouble Tel3	2837								
Rpt Tbl Restore Tel3	2838								
No EOL Resistor	2839								
Sensor Watch	2840								
Trouble on Open	2841								
Trouble on Short	2842								
Trouble on Night Open	2843								

ZONE OPTIONS	ADDR	ZONES 65 ► 72							
		Z65	Z66	Z67	Z68	Z69	Z70	Z71	Z72
		1	2	3	4	5	6	7	8
Zone Area 1 (Fire)	2844								
Zone Area 2	2845								
Zone Area 3	2846								
Zone Area 4	2847								
Zone Area 5	2848								
Zone Area 6	2849								
Zone Area 7	2850								
Zone Area 8	2851								
Reserved?	2852								
Reserved?	2853								
Zone Anding Group 1	2854								
Zone Anding Group 2	2855								
Zone Anding Group 3	2856								
Zone Anding Group 4	2857								
Zone Anding Group 5	2858								
Zone Anding Group 6	2859								
Zone Anding Group 7	2860								
Zone Anding Group 8	2861								
Interior 1 Bypass	2862								
Interior 2 Bypass	2863								
Keypad Sounder on Alarm	2864								
Ext Fire Output 1	2865								
Ext Fire Output 2	2866								
Ext Fire Output 3	2867								
Ext Fire Output 4	2868								
Ext Fire Output 5	2869								
Ext Fire Output 6	2870								
Ext Fire Output 7	2871								
Ext Fire Output 8	2872								
Reserved	2873								
Reserved	2874								
Carbon Monoxide	2875								
Verification (Fire)	2876								
Waterflow (Fire)	2877								
Supervisory	2878								
Monitor Zone	2879								
NAC A	2880								
NAC B	2881								
NAC C	2882								
NAC D	2883								
Interior (STAY) Bypass	2884								
Night Arming	2885								
Chime 2	2886								
Delayed Trip 1	2887								
Delayed Trip 2	2888								

ZONE OPTIONS:

1. Select the desired zone option by entering the option number (1-8) for each selected zone.
2. Enter corresponding option number in address location, in Binary (Bit) Format.
3. Press  to save.

NOTE: Dark shaded data value box shows option not available.

FOOTNOTES AND SYMBOLS FOR TABLES

- ^A 2-wire smoke detectors only available for zones 1-8 or utilizing FWC-FSLC-CZM on SLC loop. See Installation Instructions (WI1653) for more details.
- ^B If *Fire Alarm Verification* is selected, then *Fire* must also be selected.
- ^C When the Easy Program Menu is used, these features are enabled by default (for new panels or after a Cold Start (address 8179)). Zone Area 1 is enabled for the first 8 zones only, by default.
- ^D Disable *Auto-Reset* on non-Fire zones for SIA CP-01 installations.




ZONE OPTIONS / ZONES 73-80 (ADDRESS 2902-2988)

ZONE OPTIONS	ADDR	ZONES 73 ► 80							
		Z73	Z74	Z75	Z76	Z77	Z78	Z79	Z80
		1	2	3	4	5	6	7	8
Priority Zone	2902								
Priority / Bypass	2903								
AutoBypass	2904								
Selective Bypass	2905								
Keyswitch Arming	2906								
AutoBypass Re-entry	2907								
Pre-Alarm Warning	2908								
Never Arm	2909								
24-Hour Protection	2910								
Burg Bell	2911								
Pulse Burg Bell	2912								
Burg PGM2	2913								
Burg Relay	2914								
Burg PGM1	2915								
Exit/Entry #1	2916								
Exit/Entry #2	2917								
Exit/Entry Follower	2918								
Auto Reset	2919								
Swinger Shutdown	2920								
Chime Zone	2921								
Abort Delay	2922								
Power-Up Delay	2923								
Day Zone/Trouble Open	2924								
Day Zone/Trouble Short	2925								
Alarm on Day Zone/Trouble	2926								
Report Alarm Tel1	2927								
Rpt Alm Restore Tel1	2928								
Report Trouble Tel1	2929								
Rpt Tbl Restore Tel1	2930								
Reserved	2931								
Reserved	2932								
Reserved	2933								
Reserved	2934								
Report Alarm Tel3	2935								
Rpt Alm Restore Tel3	2936								
Report Trouble Tel3	2937								
Rpt Tbl Restore Tel3	2938								
No EOL Resistor	2939								
Sensor Watch	2940								
Trouble on Open	2941								
Trouble on Short	2942								
Trouble on Night Open	2943								

ZONE OPTIONS	ADDR	ZONES 73 ► 80							
		Z73	Z74	Z75	Z76	Z77	Z78	Z79	Z80
		1	2	3	4	5	6	7	8
Zone Area 1 (Fire)	2944								
Zone Area 2	2945								
Zone Area 3	2946								
Zone Area 4	2947								
Zone Area 5	2948								
Zone Area 6	2949								
Zone Area 7	2950								
Zone Area 8	2951								
Reserved?	2952								
Reserved?	2953								
Zone Anding Group 1	2954								
Zone Anding Group 2	2955								
Zone Anding Group 3	2956								
Zone Anding Group 4	2957								
Zone Anding Group 5	2958								
Zone Anding Group 6	2959								
Zone Anding Group 7	2960								
Zone Anding Group 8	2961								
Interior 1 Bypass	2962								
Interior 2 Bypass	2963								
Keypad Sounder on Alarm	2964								
Ext Fire Output 1	2965								
Ext Fire Output 2	2966								
Ext Fire Output 3	2967								
Ext Fire Output 4	2968								
Ext Fire Output 5	2969								
Ext Fire Output 6	2970								
Ext Fire Output 7	2971								
Ext Fire Output 8	2972								
Reserved	2973								
Reserved	2974								
Carbon Monoxide	2975								
Verification (Fire)	2976								
Waterflow (Fire)	2977								
Supervisory	2978								
Monitor Zone	2979								
NAC A	2980								
NAC B	2981								
NAC C	2982								
NAC D	2983								
Interior (STAY) Bypass	2984								
Night Arming	2985								
Chime 2	2986								
Delayed Trip 1	2987								
Delayed Trip 2	2988								

ZONE OPTIONS:

1. Select the desired zone option by entering the option number (1-8) for each selected zone.
2. Enter corresponding option number in address location, in Binary (Bit) Format.
3. Press  to save.

NOTE: Dark shaded data value box shows option not available.

FOOTNOTES AND SYMBOLS FOR TABLES


- ^A 2-wire smoke detectors only available for zones 1-8 or utilizing FWC-FSLC-CZM on SLC loop. See Installation Instructions (WI1653) for more details.
- ^B If *Fire Alarm Verification* is selected, then *Fire* must also be selected.
- ^C When the Easy Program Menu is used, these features are enabled by default (for new panels or after a Cold Start (address 8179)). Zone Area 1 is enabled for the first 8 zones only, by default.
- ^D Disable *Auto-Reset* on non-Fire zones for SIA CP-01 installations.

ZONE OPTIONS / ZONES 81-88 (ADDRESS 3002-3088)

ZONE OPTIONS	ADDR	ZONES 81 ► 88							
		Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88
		1	2	3	4	5	6	7	8
Priority Zone	3002								
Priority / Bypass	3003								
AutoBypass	3004								
Selective Bypass	3005								
Keyswitch Arming	3006								
AutoBypass Re-entry	3007								
Pre-Alarm Warning	3008								
Never Arm	3009								
24-Hour Protection	3010								
Burg Bell	3011								
Pulse Burg Bell	3012								
Burg PGM2	3013								
Burg Relay	3014								
Burg PGM1	3015								
Exit/Entry #1	3016								
Exit/Entry #2	3017								
Exit/Entry Follower	3018								
Auto Reset	3019								
Swinger Shutdown	3020								
Chime Zone	3021								
Abort Delay	3022								
Power-Up Delay	3023								
Day Zone/Trouble Open	3024								
Day Zone/Trouble Short	3025								
Alarm on Day Zone/Trouble	3026								
Report Alarm Tel1	3027								
Rpt Alm Restore Tel1	3028								
Report Trouble Tel1	3029								
Rpt Tbl Restore Tel1	3030								
Reserved	3031								
Reserved	3032								
Reserved	3033								
Reserved	3034								
Report Alarm Tel3	3035								
Rpt Alm Restore Tel3	3036								
Report Trouble Tel3	3037								
Rpt Tbl Restore Tel3	3038								
No EOL Resistor	3039								
Sensor Watch	3040								
Trouble on Open	3041								
Trouble on Short	3042								
Trouble on Night Open	3043								

ZONE OPTIONS	ADDR	ZONES 81 ► 88							
		Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88
		1	2	3	4	5	6	7	8
Zone Area 1 (Fire)	3044								
Zone Area 2	3045								
Zone Area 3	3046								
Zone Area 4	3047								
Zone Area 5	3048								
Zone Area 6	3049								
Zone Area 7	3050								
Zone Area 8	3051								
Reserved?	3052								
Reserved?	3053								
Zone Anding Group 1	3054								
Zone Anding Group 2	3055								
Zone Anding Group 3	3056								
Zone Anding Group 4	3057								
Zone Anding Group 5	3058								
Zone Anding Group 6	3059								
Zone Anding Group 7	3060								
Zone Anding Group 8	3061								
Interior 1 Bypass	3062								
Interior 2 Bypass	3063								
Keypad Sounder on Alarm	3064								
Ext Fire Output 1	3065								
Ext Fire Output 2	3066								
Ext Fire Output 3	3067								
Ext Fire Output 4	3068								
Ext Fire Output 5	3069								
Ext Fire Output 6	3070								
Ext Fire Output 7	3071								
Ext Fire Output 8	3072								
Reserved	3073								
Reserved	3074								
Carbon Monoxide	3075								
Verification (Fire)	3076								
Waterflow (Fire)	3077								
Supervisory	3078								
Monitor Zone	3079								
NAC A	3080								
NAC B	3081								
NAC C	3082								
NAC D	3083								
Interior (STAY) Bypass	3084								
Night Arming	3085								
Chime 2	3086								
Delayed Trip 1	3087								
Delayed Trip 2	3088								

ZONE OPTIONS:

1. Select the desired zone option by entering the option number (1-8) for each selected zone.
2. Enter corresponding option number in address location, in Binary (Bit) Format.
3. Press  to save.

NOTE: Dark shaded data value box shows option not available.

FOOTNOTES AND SYMBOLS FOR TABLES

- ^A 2-wire smoke detectors only available for zones 1-8 or utilizing FWC-FSLC-CZM on SLC loop. See Installation Instructions (WI1653) for more details.
- ^B If *Fire Alarm Verification* is selected, then *Fire* must also be selected.
- ^C When the Easy Program Menu is used, these features are enabled by default (for new panels or after a Cold Start (address 8179)). Zone Area 1 is enabled for the first 8 zones only, by default.
- ^D Disable *Auto-Reset* on non-Fire zones for SIA CP-01 installations.




ZONE OPTIONS / ZONES 89-96 (ADDRESS 3102-3188)

ZONE OPTIONS	ADDR	ZONES 89 ► 96							
		Z89	Z90	Z91	Z92	Z93	Z94	Z95	Z96
		1	2	3	4	5	6	7	8
Priority Zone	3102								
Priority / Bypass	3103								
AutoBypass	3104								
Selective Bypass	3105								
Keyswitch Arming	3106								
AutoBypass Re-entry	3107								
Pre-Alarm Warning	3108								
Never Arm	3109								
24-Hour Protection	3110								
Burg Bell	3111								
Pulse Burg Bell	3112								
Burg PGM2	3113								
Burg Relay	3114								
Burg PGM1	3115								
Exit/Entry #1	3116								
Exit/Entry #2	3117								
Exit/Entry Follower	3118								
Auto Reset	3119								
Swinger Shutdown	3120								
Chime Zone	3121								
Abort Delay	3122								
Power-Up Delay	3123								
Day Zone/Trouble Open	3124								
Day Zone/Trouble Short	3125								
Alarm on Day Zone/Trouble	3126								
Report Alarm Tel1	3127								
Rpt Alm Restore Tel1	3128								
Report Trouble Tel1	3129								
Rpt Tbl Restore Tel1	3130								
Reserved	3131								
Reserved	3132								
Reserved	3133								
Reserved	3134								
Report Alarm Tel3	3135								
Rpt Alm Restore Tel3	3136								
Report Trouble Tel3	3137								
Rpt Tbl Restore Tel3	3138								
No EOL Resistor	3139								
Sensor Watch	3140								
Trouble on Open	3141								
Trouble on Short	3142								
Trouble on Night Open	3143								

ZONE OPTIONS	ADDR	ZONES 89 ► 96							
		Z89	Z90	Z91	Z92	Z93	Z94	Z95	Z96
		1	2	3	4	5	6	7	8
Zone Area 1 (Fire)	3144								
Zone Area 2	3145								
Zone Area 3	3146								
Zone Area 4	3147								
Zone Area 5	3148								
Zone Area 6	3149								
Zone Area 7	3150								
Zone Area 8	3151								
Reserved?	3152								
Reserved?	3153								
Zone Anding Group 1	3154								
Zone Anding Group 2	3155								
Zone Anding Group 3	3156								
Zone Anding Group 4	3157								
Zone Anding Group 5	3158								
Zone Anding Group 6	3159								
Zone Anding Group 7	3160								
Zone Anding Group 8	3161								
Interior 1 Bypass	3162								
Interior 2 Bypass	3163								
Keypad Sounder on Alarm	3164								
Ext Fire Output 1	3165								
Ext Fire Output 2	3166								
Ext Fire Output 3	3167								
Ext Fire Output 4	3168								
Ext Fire Output 5	3169								
Ext Fire Output 6	3170								
Ext Fire Output 7	3171								
Ext Fire Output 8	3172								
Reserved	3173								
Reserved	3174								
Carbon Monoxide	3175								
Verification (Fire)	3176								
Waterflow (Fire)	3177								
Supervisory	3178								
Monitor Zone	3179								
NAC A	3180								
NAC B	3181								
NAC C	3182								
NAC D	3183								
Interior (STAY) Bypass	3184								
Night Arming	3185								
Chime 2	3186								
Delayed Trip 1	3187								
Delayed Trip 2	3188								

ZONE OPTIONS:

1. Select the desired zone option by entering the option number (1-8) for each selected zone.
2. Enter corresponding option number in address location, in Binary (Bit) Format.
3. Press  to save.

NOTE: Dark shaded data value box shows option not available; see Direct Address Programming Example on page 15.

FOOTNOTES AND SYMBOLS FOR TABLES

- ^A 2-wire smoke detectors only available for zones 1-8 or utilizing FWC-FSLC-CZM on SLC loop. See Installation Instructions (WI1653) for more details.
- ^B If *Fire Alarm Verification* is selected, then *Fire* must also be selected.
- ^C When the Easy Program Menu is used, these features are enabled by default (for new panels or after a Cold Start (address 8179)). Zone Area 1 is enabled for the first 8 zones only, by default.
- ^D Disable *Auto-Reset* on non-Fire zones for SIA CP-01 installations.

ZONE OPTIONS / ZONES 1-96 (ADDRESS 2002-3188)

DEFAULTS

The zone options indicated are automatically set after exiting the Easy Menu Driven Mode.

- *Priority, Selective Bypass, Alarm Output, Auto Reset, Swinger Shutdown, Zone Area 1 and Zone Area 2* are enabled for the total number of zones entered in "AREA 1 # ZONES = 08" and "AREA 2 # ZONES = 00".
- *Alarm Telco 1* is enabled for the zones if [YES] is entered for "REPORT ALL ZONES TO CENTRAL ZONES? Y/N".
- *Entry/Exit 1 and Chime* are enabled for zone numbers entered in "EXIT / ENTRY ZONES".
- *Exit/Entry Follower and Interior Bypass* are enabled for zone numbers entered in "INTERIOR ZONES".
- *Fire, Pulse Alarm Output and Fire Verification* is enabled for the zone numbers entered in "FIRE ZONES".

Note: See "Number of Zones & Keypads per Area" in Easy Menu Driven program Mode.

SYSTEM OPTIONS (ADDRESS 5320-5324)

5321	System Options - Enable Day Zone/Trouble Watch	
Default		Option
OFF	1	RESERVED
OFF	2	Enable Day Zone/Trouble Watch (Area 2)
OFF	3	Enable Day Zone/Trouble Watch (Area 3)
OFF	4	Enable Day Zone/Trouble Watch (Area 4)
OFF	5	Enable Day Zone/Trouble Watch (Area 5)
OFF	6	Enable Day Zone/Trouble Watch (Area 6)
OFF	7	Enable Day Zone/Trouble Watch (Area 7)
OFF	8	Enable Day Zone/Trouble Watch (Area 8)


5322	System Options	
Default		Option
OFF	1	Opening Report only after Alarm Report
OFF	2	Closing Report only on Cond. Closing (Auto-Byp.)
OFF	3	Include Sel./Grp. Bypass in Cond. Closing Status
OFF	4	Status Report (Auto-Byp. Zones on Clos.)
OFF	5	RESERVED
OFF	6	RESERVED
OFF	7	Disable Auto-Unbypass on Disarming
OFF	8	Enable All-Zone-in-Trouble Bypass

5323	System Options	
Default		Option
OFF	1	Auto Output Test Upon Arming
ON	2	Auto-Reset after Burg Bell Timeout
OFF	3	Suppress "Bypass" Icon when Armed
OFF	4	RESERVED
OFF	5	Access Control on Burg Module PGM1 Output
OFF	6	Enable Burg. Bell Warning on Entry
OFF	7	Enable Manager's Mode Outside Overview
OFF	8	Start Exit Delay after Ringback

5324	System Options	
Default		Option
OFF	1	Interior 1 Normally Bypassed
OFF	2	Enable Exit-Delay Restart
OFF	3	Reset Day Zone/Trouble with Arm/Disarm Only
OFF	4	Enable Local Alarm on First Zone AND Trip
OFF	5	Disable Keypad Function-Mode Download
OFF	6	Disable Callback Download
OFF	7	Disable Answering-Machine Download
OFF	8	Disable Auto-Reset in Day Zone/Trouble

SYSTEM OPTIONS:

1. Select the desired option entering the option number (1-8) for each digit.
2. Enter corresponding option number in address location.

NOTE: Dark shaded data value box shows option not available. Press  to save.

NAC SYSTEM OPTIONS (ADDRESS 5330)

5330	NAC System Options	
Default		Option
ON	1	Class A Configuration NAC 1 / NAC 2
OFF	2	Class A Configuration NAC 3 / NAC 4
OFF	3	Supervision Disabled NAC A
OFF	4	Supervision Disabled NAC B
OFF	5	Supervision Disabled NAC C
OFF	6	Supervision Disabled NAC D
OFF	7	Enable Panel Relay Fire Trouble Relay
OFF	8	RESERVED

SYSTEM OPTIONS (ADDRESS 5325-5327, 7920, 7953)

5325	System Options		
Default			Option
OFF	1	RESERVED	
OFF	2	RESERVED	
OFF	3	Disable Code required for Func. Mode Lvl. 1	
OFF	4	Disable Code required for EZ Bypass	
OFF	5	Disable Keypad Instant Button	
OFF	6	Enable Telephone Line-Fault Test	
OFF	7	Disable AC Fail Detection	
OFF	8	Telco Fail only when Armed	


5326	System Options		
Default			Option
OFF	1	Automatic Interior Bypass/Easy Exit	
OFF	2	RESERVED	
OFF	3	RESERVED	
OFF	4	Burg PGM1 Chirp on Keyfob Arm/Disarm**	
OFF	5	Disable Burg PGM1 Clear on Disarm	
OFF	6	2nd Call Answering Machine Override	
OFF	7	Disable Zone Fault Scrolling (Auto Status)	
OFF	8	RESERVED	

5327	System Options		
Default			Option
ON	1	RESERVED	
OFF	2	Wireless Smoke Low Battery Resound	
OFF	3	Supervise Alarm Output on Burg Module	
OFF	4	RESERVED	
OFF	5	Disable Area Entry Relays	
OFF	6	Disable Exit/Entry Urgency Tone at Keypad	
OFF	7	Select Burg Bell on Keyfob Arming	
OFF	8	Enable Burg Bell on Telco Fail only when Armed	

7920	System Options		
Default			Option
OFF	1	Enable GEMC-PRINT	
OFF	2	Enable Cancel Report to Telco 3	
OFF	3	Wireless Trouble to Telco 1	
OFF	4	Wireless Trouble to Telco 3	
OFF	5	Enable Set Time/Date Message	
OFF	6	Enable Softkey (Manual) Cancel (In lieu of Disarm (Auto) Cancel)	
ON	7	Enable Keypad Time/Date Display	
OFF	8	RESERVED	

SYSTEM OPTIONS:

1. Select the desired option entering the option number (1-8) for each digit.
2. Enter corresponding option number in address location.

NOTE: Dark shaded data value box shows option not available. Press  to save.

† Not for UL Installations.

** Default for this address contingent on EZ Menu selections.

7953	System Options		
Default			Option
OFF	1	Disable 10 Minute Audible Auto Shutdown	
OFF	2	RESERVED	
OFF	3	RESERVED	
OFF	4	RESERVED	
OFF	5	RESERVED	
OFF	6	RESERVED	
OFF	7	Disable Call Waiting on First Attempt	
OFF	8	Enable Ambush in User Assignment Code Type	

ALARM / TROUBLE REPORTING CODES (ADDRESS 7925-7927)

ALARM/TROUBLE REPORTING CODES	Address	LEFT	RIGHT
Wireless Low Battery	7925		
Wireless Supervision	7926		
Wireless Tamper	7927		

[Default = blank (•) from address 7925-7927]

ALARM/TROUBLE REPORTING CODES:

1. Enter in corresponding address location (left and right digits).

NOTE: Left digit is the first digit and right digit is the second digit in a two digit CS receiver format.

2. Valid entries are: 1-9, 0 and B-F.

NOTE: A is not permitted.


3. To disable a code leave boxes blank (•).

4. Press  to save.



SYSTEM OPTIONS (ADDRESS 7928-7947 & 8170)

Telephone Dialing Prefix (Digits 1-20)	ADDRESS 7928-3901 (RIGHT DIGITS 1-20)																			
	7928	7929	7930	7931	7932	7933	7934	7935	7936	7937	7938	7939	7940	7941	7942	7943	7944	7945	7946	7947

SYSTEM OPTIONS	LEFT DATA VALUES (CIRCLE )
RESERVED	1
RESERVED	2
RESERVED	4
Skip Automatic Dial Tone Detect	8

ADDRESS 8170	
LEFT DIGIT (SUM OF DATA VALUES)	RIGHT DIGIT (SUM OF DATA VALUES)
	blank (•)

[Default = blank (•) blank (•)]

Note: Right digit is RESERVED (not used). Enter data in left digit only.


ZONE TYPES (ADDRESS 7963)

ADDRESS 7963			
Fire Drill Zone			

[Default = blank (•) blank (•) blank (•)]

Fire Drill Zone: Enter a dedicated zone number to be used only when a fire drill is activated.

Note: Prior central station notification of the drill is not necessary; the signal sent always indicates a fire drill event only.


 1. Valid entries are: 01 through 255.

SLC/RF RECEIVERS-- NUMBER, TYPE AND LOCATION (ADDRESS 7958-7962)

ADDRESS 7958	
No. of SLC Modules / RF Receivers	

[Default = blank (•) blank (•)]

No. of SLC / RF Receivers: Enter the number of Burg SLC modules, Fire SLC modules and/or GEMC-RECV wireless receivers in this location.


 1. Valid entries are: 01 through 04.

RECEIVER TYPE AND LOCATION ADDRESS 7959-7962				
RECEIVER NUMBER	Address	LEFT	RIGHT	COMMENTS
RECEIVER 1	7959	•		SLC MUST BE ON PCB SLC PORT 1 ONLY
RECEIVER 2	7960	•		SLC MUST BE ON PCB SLC PORT 2 ONLY
RECEIVER 3	7961	•		CANNOT BE SLC TYPE
RECEIVER 4	7962	•		CANNOT BE SLC TYPE

[Default = blank (•) from address 7959-7962]

Receiver Type and Location: Specify the "Receiver Type" by selecting the address of the receiver number (Receiver 1 = address 7959, etc.), and entering the Type number (right nibble data entry) specified in the **RECEIVER TYPE** table, at right.

Note: All SLC / RF receivers must be added contiguously starting with address 7959, then added through 7962 without skipping addresses.

 Valid entries in the right nibble are: 01 through 03 as specified in the **RECEIVER TYPE** table. **Note:** Left nibble is always blank (•)

RECEIVER TYPE	
RIGHT DATA ENTRY	DESCRIPTION
0	RF BURG BUS (GEMC-RECV on Burg bus)
1	RF FIRE BUS (GEMC-RECV on Fire bus)
2	SLC BURG 1/2 (GEMC-BSLC Burg SLC)
3	SLC FIRE 1/2 (GEMC-FW-SLC Fire SLC)

NUMBER OF RELAY BOARD MODULES (ADDRESS 8060)

Number of Relay Board Modules	ADDRESS 8060	
	LEFT	RIGHT
	blank (•)	

[Default = blank (•) blank (•)]

DATA ENTRIES	Relay Board Module(s)
RIGHT	
blank (•)	None
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
0	10
B	11
C	12

RELAY BOARD MODULES: Up to 12 External Relay Board Modules (RM3008) may be programmed.

1. Select the number of relay modules from the table shown.

2. Enter in corresponding right digit address location shown (left digit is not used).

Press  to save.

ONBOARD NAC / RELAY TYPE (ADDRESS 8061)

8061	ONBOARD NAC/RELAY TYPES	
Default		Option
OFF	1	BURG Relay Board
OFF	2	FIRE Relay Board
OFF	3	FIRE NAC Board
OFF	4	PCB SLOT 1
OFF	5	PCB SLOT 2
OFF	6	Reserved
OFF	7	Reserved
OFF	8	Reserved

BLANK=DEFAULTS BURG RELAY BOARD ON BURG BUS

There are 7 options for the NAC / External Output types for Outputs 1-40:

1. Burg Output On 4-Wired Burg Bus
2. Fire Output On 4-Wired Fire Bus
3. Burg Output On Burg SLC 1
4. Burg Output On Burg SLC 2
5. Fire Output On Fire SLC 1
6. Fire Output On Fire SLC 2
7. Fire NAC Extender

Note: Only options 1-4 are available for Outputs # 41-88.

RELAY BOARD TYPE (ADDRESS 8062-8072)

8061	ONBOARD NAC/RELAY TYPES	
Default		Option
OFF	1	BURG Relay Board
OFF	2	FIRE Relay Board
OFF	3	FIRE NAC Board
OFF	4	PCB SLOT 1
OFF	5	PCB SLOT 2
OFF	6	Reserved
OFF	7	Reserved
OFF	8	Reserved

BLANK=DEFAULTS BURG RELAY BOARD ON BURG BUS

FIRE REPORTING EVENTS (ADDRESS 8020-8039)
--

FIRE REPORTING EVENTS	ADDR	EVENT DESCRIPTION							
		OMT (One Man Test)	User Keypad Unlocked	User Keypad Locked	"ENABLE PROGRAMMING" Mode	RF Receiver Jam	RF Receiver Tamper	Burg SLC Receiver Loop Trouble	Burg SLC Receiver Tamper
		1	2	3	4	5	6	7	8
EVENT REPORT TELCO 1	8020								
RESTORE REPORT TELCO 1	8021								
EVENT REPORT TELCO 3	8022								
RESTORE REPORT TELCO 3	8023								

Default = blank (•) from address 8020-8023

FIRE REPORTING EVENTS	ADDR	EVENT DESCRIPTION							
		Fire SLC Receiver Loop Trouble	Fire SLC Receiver Tamper	RF Receiver No Response	Burg SLC Receiver No Response	Fire SLC Receiver No Response	Reserved	Reserved	Reserved
		1	2	3	4	5	6	7	8
EVENT REPORT TELCO 1	8024								
RESTORE REPORT TELCO 1	8025								
EVENT REPORT TELCO 3	8026								
RESTORE REPORT TELCO 3	8027								

Default = blank (•) from address 8024-8027

BURG AREA EVENT REPORTING OPTIONS (ADDRESS 8040-8051)

EXIT ERROR	ADDR	AREAS 1 → 8							
		A1	A2	A3	A4	A5	A6	A7	A8
		1	2	3	4	5	6	7	8
EVENT REPORT TELCO 1	8040								
RESTORE REPORT TELCO 1	8041								
EVENT REPORT TELCO 3	8042								
RESTORE REPORT TELCO 3	8043								

Default = blank (•) from address 8040-8043

RECENT CLOSE	ADDR	AREAS 1 → 8							
		A1	A2	A3	A4	A5	A6	A7	A8
		1	2	3	4	5	6	7	8
EVENT REPORT TELCO 1	8044								
RESTORE REPORT TELCO 1	8045								
EVENT REPORT TELCO 3	8046								
RESTORE REPORT TELCO 3	8047								


Default = blank (•) from address 8044-8047

CP01 TEST SIGNAL	ADDR	AREAS 1 → 8							
		A1	A2	A3	A4	A5	A6	A7	A8
		1	2	3	4	5	6	7	8
EVENT REPORT TELCO 1	8048								
RESTORE REPORT TELCO 1	8049								
EVENT REPORT TELCO 3	8050								
RESTORE REPORT TELCO 3	8051								

Default = blank (•) from address 8048-8051

BURG AREA EVENT REPORTING OPTIONS:

For example, to send (via Telco 1) an Exit Error event report for Area 4, access address 8040, then press 4 to select Area 4.

1. Select the desired event type, either *Exit Error*, *Recent Closing* or *CP01 Test Signal*.
2. Enter the corresponding Area number in each the address location, in Binary (Bit) Format. **NOTE:** See Direct Address Programming Example on page 15.
3. Press  to save.

NOTE: Dark shaded data value box shows option not available for that Area. Area 1 is a Fire Area only.

KEYPAD OPTIONS (ADDRESS 5350-5379)

Keypad 1 Type & Area Assignment	ADDRESS 5350	
	LEFT	RIGHT

[Default = blank (•) 1]

Keypad 5 Type & Area Assignment	ADDRESS 5354	
	LEFT	RIGHT

[Default = blank (•) blank (•)]

Keypad 9 Type & Area Assignment	ADDRESS 5358	
	LEFT	RIGHT

[Default = blank (•) blank (•)]

Keypad 13 Type & Area Assignment	ADDRESS 5362	
	LEFT	RIGHT

[Default = blank (•) blank (•)]

Keypad 2 Type & Area Assignment	ADDRESS 5351	
	LEFT	RIGHT

[Default = blank (•) blank (•)]

Keypad 6 Type & Area Assignment	ADDRESS 5355	
	LEFT	RIGHT

[Default = blank (•) blank (•)]

Keypad 10 Type & Area Assignment	ADDRESS 5359	
	LEFT	RIGHT

[Default = blank (•) blank (•)]

Keypad 14 Type & Area Assignment	ADDRESS 5363	
	LEFT	RIGHT

[Default = blank (•) blank (•)]

Keypad 3 Type & Area Assignment	ADDRESS 5352	
	LEFT	RIGHT

[Default = blank (•) blank (•)]

Keypad 7 Type & Area Assignment	ADDRESS 5356	
	LEFT	RIGHT

[Default = blank (•) blank (•)]

Keypad 11 Type & Area Assignment	ADDRESS 5360	
	LEFT	RIGHT

[Default = blank (•) blank (•)]

Keypad 15 Type & Area Assignment	ADDRESS 5364	
	LEFT	RIGHT

[Default = blank (•) blank (•)]

Keypad 4 Type & Area Assignment	ADDRESS 5353	
	LEFT	RIGHT

[Default = blank (•) blank (•)]

Keypad 8 Type & Area Assignment	ADDRESS 5357	
	LEFT	RIGHT

[Default = blank (•) blank (•)]

Keypad 12 Type & Area Assignment	ADDRESS 5361	
	LEFT	RIGHT

[Default = blank (•) blank (•)]

KEYPAD TYPE & AREA ASSIGNMENT: Up to 15 keypads may be programmed, if they are connected. For Fire or Fire/Burglary Combination systems, the **Primary User Interface** keypad must be a GEMC-FK1 Fire keypad programmed as Keypad #1 in Area 1. **Note:** Connect the Trouble Sounder output (terminals 13-14 labeled "TBL SND") to this "primary" keypad.

NOTE: See Keypad Configuration Mode. By default from the factory, each keypad is configured as number 1.

➤ 1. Select keypad type & area assignment for each keypad from the tables shown.

➤ 2. Enter in corresponding right and left digit address locations above.

KEYPAD TYPE	
LEFT	OPTION
blank (•)	Burg Keypad
1	Fire Keypad
2	Burg Keypad

KEYPAD AREA ASSIGNMENT	
RIGHT	OPTION
blank (•)	Not Used
1	Area 1
2	Area 2
3	Area 3
4	Area 4
5	Area 5
6	Area 6
7	Area 7
8	Area 8

BURG KEYPAD NUMBER	ADDR	BURG KEYPAD OPTIONS							
		KEYPAD FIRE	KEYPAD AUXILIARY	KEYPAD PANIC (Police)	Remote Access Only *	AMBUSH	(Single Button) EASY ARMING	PANEL ACCESS	GUARD TOUR
		1	2	3	4	5	6	7	8
1	5365								
2	5366								
3	5367								
4	5368								
5	5369								
6	5370								
7	5371								
8	5372								
9	5373								
10	5374								
11	5375								
12	5376								
13	5377								
14	5378								
15	5379								


[Defaults as noted for address 5365-5379]

KEYPAD OPTIONS: Select options for any of the 15 Burglary keypads.

* **Note:** For Remote Access Control only (no Arm/Disarm capability).

➤ 1. Select the desired option entering the option number (1-8) for each digit.


➤ 2. Enter corresponding option number in address location.

➤ 3. Press  to save.

NOTE: Dark shaded data value box shows option not available.

ACM ZONE OPTIONS (ADDRESS 5850-5889)

ACM ZONE OPTIONS:

☞ Enter the Zone numbers (in decimal 1-255 format) for each option in the table below. Press  to save.

NOTE: Dark shaded data value box shows option not available. **Note:** The Area # for Door 1 is controlled by the existing Keypad Programming table (Address 2425 to 2439). The assigned Area for Door #2 for each ACM must be entered in the table below (addresses 5858, 5868, 5878 and 5888) and must not be left blank if Door 2 is to be used. Area 1 must never be assigned to an ACM door in any C-Series system.

ACM1 Zone Options	ADDR	Door 1	ADDR	Door 2
Door Contact	5850		5855	
Forced Entry Zone	5851		5856	
Door Ajar Zone	5852		5857	
Area # for Door 2			5858	
Reserved	5853		5859	
Reserved	5854			

ACM2 Zone Options	ADDR	Door 1	ADDR	Door 2
Door Contact	5860		5865	
Forced Entry Zone	5861		5866	
Door Ajar Zone	5862		5867	
Area # for Door 2			5868	
Reserved	5863		5869	
Reserved	5864			

ACM3 Zone Options	ADDR	Door 1	ADDR	Door 2
Door Contact	5870		5875	
Forced Entry Zone	5871		5876	
Door Ajar Zone	5872		5877	
Area # for Door 2			5878	
Reserved	5873		5879	
Reserved	5874			


ACM4 Zone Options	ADDR	Door 1	ADDR	Door 2
Door Contact	5880		5885	
Forced Entry Zone	5881		5886	
Door Ajar Zone	5882		5887	
Area # for Door 2			5888	
Reserved	5883		5889	
Reserved	5884			

ACM GLOBAL FLAGS (ADDRESS 5890)

5890	ACM Global Flags		
Default			Option
OFF	1	Enable Two-Swipe Arming	
OFF	2	Enable NAPCO Proprietary Access Format	
OFF	3	Enable Facility Code	
OFF	4	Enable Access Logging into Burg Log	
OFF	5	Enable Printing of Access Events	
OFF	6	Enable Card Presentation Beep and Green LED Flash	
OFF	7	RESERVED	
OFF	8	RESERVED	

ACM GLOBAL FLAGS:

- ☞ 1. Select the desired option entering the option number (1-8) for each digit.
- ☞ 2. Enter corresponding option number in address location.

NOTE: Dark shaded data value box shows option not available. Press  to save.

ACM TIMEOUTS (ADDRESS 5892-5893)

Maximum Two-Swipe Arm Time (x100ms)	ADDRESS 5892		


[Default = 030 = 3 seconds.]

Unlock Time (sec.)	ADDRESS 5893		

[Default = 005 = 5 sec.]

Enable ACM Access (address 5328) must be enabled.


Address 5892 determines the maximum time allowed for the double swipe (x100ms). Address 5893 determines the door unlock time, in seconds, after a successful entry.

- ☞ 1. Select timeout (1-255).
- ☞ 2. Enter in corresponding address locations above and right. Press  to save.

ACM DOOR AREA OPTIONS (ADDRESS 5894-5901)

ACM DOOR AREA OPTIONS:

1. Select the desired option entering the option number (1-3) for each address. **Note:** Area 1 available for Fire only.
2. Enter corresponding option number in address location.

NOTE: Dark shaded data value box shows option not available. Press  to save.

ACM Door Number	ADDR	ACM DOOR AREA OPTIONS							
		Arm All Areas Allowed	Disarm All Areas Allowed	Stealth Mode	RSRVD.	RSRVD.	RSRVD.	RSRVD.	RSRVD.
		1	2	3	4	5	6	7	8
ACM 1 - Door 1	5894								
ACM 1 - Door 2	5895								
ACM 2 - Door 1	5896								
ACM 2 - Door 2	5897								
ACM 3 - Door 1	5898								
ACM 3 - Door 2	5899								
ACM 4 - Door 1	5900								
ACM 4 - Door 2	5901								


[Default = blank (•) blank (•) from address 5894-5901]

ACM SCHEDULED FREE ACCESS (ADDRESS 7970-7977)

ACM SCHEDULED FREE ACCESS:

1. Enter the Scheduled Free Access Index (1-88) (output #1-88) for each option in the table at right.

Note: Add 8 to the number of the external output to ensure the correct output is programmed.

2. Press  to save.

Note: Do NOT assign to Fire outputs.


Scheduled Free Access Index			
ADDRESS	Output Number (add 8 to external output number)		
ACM 1 – Door 1 – 7970			
ACM 1 – Door 2 – 7971			
ACM 2 – Door 1 – 7972			
ACM 2 – Door 2 – 7973			
ACM 3 – Door 1 – 7974			
ACM 3 – Door 2 – 7975			
ACM 4 – Door 1 – 7976			
ACM 4 – Door 2 – 7977			

[Default = blank (•) blank (•) from address 7970-7977]

EMERGENCY FREE ACCESS (ADDRESS 7978)

ENABLE ACM OPTION:

1. Select the Emergency Free Access Zone Number (1-255) and enter corresponding address location at right.

2. Press  to save.

	ADDRESS 7978		
Emergency Free Access Zone Number			


[Default = 000]

SYSTEM OPTIONS (ADDRESS 5328-5329)

ADDRESS 5328	
SYSTEM OPTIONS	
DATA ENTRIES RIGHT	OPTION
1	Enable ACM Access
2	Access Log to 6000 Events
3	Enable TCP/IP Communications
4	TCP/IP Panel/Site Initiated Functions
5	Disable H/A Keypad Display
6	RESERVED
7	Enable EURO Features
8	Enable Keypad Blanking*

ADDRESS 5329	
SYSTEM OPTIONS	
DATA ENTRIES RIGHT	OPTION
1	Enable Burg Module On System
2	Enable GEMC-F8ZCPIM
3	Enable Housing Tamper
4	Coded Alarms By Zone
5	ENABLE BURG POINT REPORT TAMPER ON (RF-XMIT PNT/BSLC PNT TAMPER) ONLY IF ZONE ARMED
6	ENABLE RF RECEIVER OR BURG RF TRANSMITTER OR SLC TAMPER TO SOUND BURG ALARM ONLY IF ANY AREA ARMED
7	RESERVED
8	RESERVED

SYSTEM OPTIONS:

1. Select System Options from the tables shown and enter in the corresponding address location at right.
2. Press  to save. **NOTE:** Dark shaded data value box shows option not available.

***Note:** Address 5328 Option 8 *Keypad Blanking* clears all data from the LCD display (and turns off all keypad LED's) after the system is armed and delay time has expired. The display will re-appear when an exit/entry door is faulted, causing an entry time delay display, or if a valid user code is entered at the keypad while the system is armed.


USER AREA OPTIONS (ADDRESS 5380-5475)

USER NUMBER	ADDR	AREAS 1 → 8							
		A1	A2	A3	A4	A5	A6	A7	A8
		1	2	3	4	5	6	7	8
1	5380	ON							
2	5381	ON							
3	5382	ON							
4	5383	ON							
5	5384	ON							
6	5385	ON							
7	5386	ON							
8	5387	ON							
9	5388		ON						
10	5389		ON						
11	5390		ON						
12	5391		ON						
13	5392		ON						
14	5393		ON						
15	5394		ON						
16	5395		ON						
17	5396								
18	5397								
19	5398								
20	5399								
21	5400								
22	5401								
23	5402								
24	5403								
25	5404								
26	5405								
27	5406								
28	5407								
29	5408								
30	5409								
31	5410								
32	5411								
33	5412								
34	5413								
35	5414								
36	5415								
37	5416								
38	5417								
39	5418								
40	5419								
41	5420								
42	5421								
43	5422								
44	5423								
45	5424								
46	5425								
47	5426								
48	5427								

USER NUMBER	ADDR	AREAS 1 → 8							
		A1	A2	A3	A4	A5	A6	A7	A8
		1	2	3	4	5	6	7	8
49	5428								
50	5429								
51	5430								
52	5431								
53	5432								
54	5433								
55	5434								
56	5435								
57	5436								
58	5437								
59	5438								
60	5439								
61	5440								
62	5441								
63	5442								
64	5443								
65	5444								
66	5445								
67	5446								
68	5447								
69	5448								
70	5449								
71	5450								
72	5451								
73	5452								
74	5453								
75	5454								
76	5455								
77	5456								
78	5457								
79	5458								
80	5459								
81	5460								
82	5461								
83	5462								
84	5463								
85	5464								
86	5465								
87	5466								
88	5467								
89	5468								
90	5469								
91	5470								
92	5471								
93	5472								
94	5473								
95	5474								
96	5475								

[Default = blank (•) blank (•) from address 5396-5475; blank (•) 1 for addresses 5380-5387; blank (•) 2 for addresses 5388-5395]

USER AREA OPTIONS:

1. Each address corresponds to a specific User, numbered 1-96. For each User, select the desired Area by marking the desired Area number (1-8) in the above table.
2. Enter the corresponding Area number in each the address location, in Binary (Bit) Format.
3. Press  to save.

NOTE: See Direct Address Programming Example on page 15.


USER AREA OPTIONS (ADDRESS 5476-5574)

USER NUMBER	ADDR	AREAS 1 → 8							
		A1	A2	A3	A4	A5	A6	A7	A8
		1	2	3	4	5	6	7	8
97	5476								
98	5477								
99	5478								
100	5479								
101	5480								
102	5481								
103	5482								
104	5483								
105	5484								
106	5485								
107	5486								
108	5487								
109	5488								
110	5489								
111	5490								
112	5491								
113	5492								
114	5493								
115	5494								
116	5495								
117	5496								
118	5497								
119	5498								
120	5499								
121	5500								
122	5501								
123	5502								
124	5503								
125	5504								
126	5505								
127	5506								
128	5507								
129	5508								
130	5509								
131	5510								
132	5511								
133	5512								
134	5513								
135	5514								
136	5515								
137	5516								
138	5517								
139	5518								
140	5519								
141	5520								
142	5521								
143	5522								
144	5523								

[Default = blank (•) blank (•) from address 5476-5574]

USER NUMBER	ADDR	AREAS 1 → 8							
		A1	A2	A3	A4	A5	A6	A7	A8
		1	2	3	4	5	6	7	8
145	5524								
146	5525								
147	5526								
148	5527								
149	5528								
150	5529								
151	5530								
152	5531								
153	5532								
154	5533								
155	5534								
156	5535								
157	5536								
158	5537								
159	5538								
160	5539								
161	5540								
162	5541								
163	5542								
164	5543								
165	5544								
166	5545								
167	5546								
168	5547								
169	5548								
170	5549								
171	5550								
172	5551								
173	5552								
174	5553								
175	5554								
176	5555								
177	5556								
178	5557								
179	5558								
180	5559								
181	5560								
182	5561								
183	5562								
184	5563								
185	5564								
186	5565								
187	5566								
188	5567								
189	5568								
190	5569								
191	5570								
192	5571								
193	5572								
194	5573								
195	5574								

USER AREA OPTIONS:

1. Each address corresponds to a specific User, numbered 97-195. For each User, select the desired Area by marking the desired Area number (1-8) in the above table.
2. Enter the corresponding Area number in each the address location, in Binary (Bit) Format.
3. Press  to save. **NOTE:** See Direct Address Programming Example on page 15.



EZM GROUP OPTIONS (ADDRESS 5580-5641)

EZM Group 1 ZONES 9-12 ADDRESS 5580	EZM Group 2 ZONES 13-16 ADDRESS 5581	EZM Group 3 ZONES 17-20 ADDRESS 5582	EZM Group 4 ZONES 21-24 ADDRESS 5583	EZM Group 5 ZONES 25-28 ADDRESS 5584	EZM Group 6 ZONES 29-32 ADDRESS 5585
EZM Group 7 ZONES 33-36 ADDRESS 5586	EZM Group 8 ZONES 37-40 ADDRESS 5587	EZM Group 9 ZONES 41-44 ADDRESS 5588	EZM Group 10 ZONES 45-48 ADDRESS 5589	EZM Group 11 ZONES 49-52 ADDRESS 5590	EZM Group 12 ZONES 53-56 ADDRESS 5591
EZM Group 13 ZONES 57-60 ADDRESS 5592	EZM Group 14 ZONES 61-64 ADDRESS 5593	EZM Group 15 ZONES 64-68 ADDRESS 5594	EZM Group 16 ZONES 69-72 ADDRESS 5595	EZM Group 17 ZONES 73-76 ADDRESS 5596	EZM Group 18 ZONES 77-80 ADDRESS 5597
EZM Group 19 ZONES 81-84 ADDRESS 5598	EZM Group 20 ZONES 85-88 ADDRESS 5599	EZM Group 21 ZONES 89-92 ADDRESS 5600	EZM Group 22 ZONES 93-96 ADDRESS 5601	EZM Group 23 ZONES 97-100 ADDRESS 5602	EZM Group 24 ZONES 101-104 ADDRESS 5603
EZM Group 25 ZONES 105-108 ADDRESS 5604	EZM Group 26 ZONES 109-112 ADDRESS 5605	EZM Group 27 ZONES 113-116 ADDRESS 5606	EZM Group 28 ZONES 117-120 ADDRESS 5607	EZM Group 29 ZONES 121-124 ADDRESS 5608	EZM Group 30 ZONES 125-128 ADDRESS 5609
EZM Group 31 ZONES 129-132 ADDRESS 5610	EZM Group 32 ZONES 133-136 ADDRESS 5611	EZM Group 33 ZONES 137-140 ADDRESS 5612	EZM Group 34 ZONES 141-144 ADDRESS 5613	EZM Group 35 ZONES 145-148 ADDRESS 5614	EZM Group 36 ZONES 149-152 ADDRESS 5615
EZM Group 37 ZONES 153-156 ADDRESS 5616	EZM Group 38 ZONES 157-160 ADDRESS 5617	EZM Group 39 ZONES 161-164 ADDRESS 5618	EZM Group 40 ZONES 165-168 ADDRESS 5619	EZM Group 41 ZONES 169-172 ADDRESS 5620	EZM Group 42 ZONES 173-176 ADDRESS 5621
EZM Group 43 ZONES 177-180 ADDRESS 5622	EZM Group 44 ZONES 181-184 ADDRESS 5623	EZM Group 45 ZONES 185-188 ADDRESS 5624	EZM Group 46 ZONES 189-192 ADDRESS 5625	EZM Group 47 ZONES 193-196 ADDRESS 5626	EZM Group 48 ZONES 197-200 ADDRESS 5627
EZM Group 49 ZONES 201-204 ADDRESS 5628	EZM Group 50 ZONES 205-208 ADDRESS 5629	EZM Group 51 ZONES 209-212 ADDRESS 5630	EZM Group 52 ZONES 213-216 ADDRESS 5631	EZM Group 53 ZONES 217-220 ADDRESS 5632	EZM Group 54 ZONES 221-224 ADDRESS 5633
EZM Group 55 ZONES 225-228 ADDRESS 5634	EZM Group 56 ZONES 229-232 ADDRESS 5635	EZM Group 57 ZONES 233-236 ADDRESS 5636	EZM Group 58 ZONES 237-240 ADDRESS 5637	EZM Group 59 ZONES 241-244 ADDRESS 5638	EZM Group 60 ZONES 245-248 ADDRESS 5639

Continued

EZM Group 61	
ZONES 249-252	
ADDRESS 5640	

EZM Group 62	
ZONES 253-255	
ADDRESS 5641	

NOTE: Zones 1-8 are included in the control panel and Zones 9-255 (Groups 1-62) are available as EZM Zones (either Wireless or Hardwired).

EZM TYPE	
DATA ENTRIES (RIGHT)	OPTION
blank (•)	Not used (No EZM present)
1	4-Zone EZM

EZM GROUP OPTIONS: Up to 62 Groups of 4 Zones each may be programmed depending on the number of zones used and which EZM modules are connected. Each group represents 4 zones.

1. Select EZM type from the table shown.

2. Enter either blank (•) or "1" in corresponding address locations above.

3. Press  to save

EZM PGM TERMINAL CONTROL (ADDRESS 5648-5669)

GROUP NUMBER	ADDR	EZM PGM TERMINAL CONTROL							
		A1	A2	A3	A4	A5	A6	A7	A8
1	5648								
2	5649								
3	5650								
4	5651								
5	5652								
6	5653								
7	5654								
8	5655								
9	5656								
10	5657								
11	5658								

[Default = blank (•) blank (•) from address 5648-5658]

GROUP NUMBER	ADDR	EZM PGM TERMINAL CONTROL							
		A1	A2	A3	A4	A5	A6	A7	A8
12	5659								
13	5660								
14	5661								
15	5662								
16	5663								
17	5664								
18	5665								
19	5666								
20	5667								
21	5668								
22	5669								

[Default = blank (•) blank (•) from address 5659-5669]

EZM PGM ARMED TERMINAL CONTROL: For each zone group select the area(s) which, when armed, will activate the PGM Lug on the corresponding EZM modules. Each zone group corresponds to 4 zones. If 8-Zone EZMs are used each one is treated as TWO zone groups. **NOTE:** Lug goes ACTIVE (low) when ANY selected area is armed. When activated, the PGM Lug goes negative (to Ground).

1. Select the desired group number.

2. Enter the corresponding Area number in each the address location, in Binary (Bit) Format. **NOTE:** See Direct Address Programming Example on page 15.

3. Press  to save.


PRIORITY AREA ARMING OPTIONS (ADDRESS 5720-5727)


ARMING AREA	ADDR	PRIORITY AREA ARMING							
		A1	A2	A3	A4	A5	A6	A7	A8
		1	2	3	4	5	6	7	8
1	5720								
2	5721								
3	5722								
4	5723								
5	5724								
6	5725								
7	5726								
8	5727								

[Default = blank (•) blank (•) from address 5720-5727]

PRIORITY AREA ARMING:

Prevents area arming if the alternate Priority Area has not yet been armed. **Note:** Area 1 cannot be programmed for Priority Area Arming.

 1. Select the desired arming area.

 2. Enter the corresponding Area number in each the address location, in Binary (Bit) Format. **NOTE:** See Direct Address Programming Example on page 15.

 3. Press  to save.

NOTE: Dark shaded data value box shows option not available.

AREA OUTPUT CONTROL OPTIONS (ADDRESS 5780-5819)

OUTPUT SILENCED (TURNED OFF)	ADDR	DISARMING AREA 2 TURNS OFF AREA OUTPUT							
		A1	A2	A3	A4	A5	A6	A7	A8
		1	2	3	4	5	6	7	8
Burglary Bell	5781		ON						
Pulsed Burg. Bell	5789		ON						
Burg PGM2	5797								
Burg Relay	5805								
Burg PGM1	5813								
[Default = Noted above with "ON"]									

OUTPUT SILENCED (TURNED OFF)	ADDR	DISARMING AREA 3 TURNS OFF AREA OUTPUT							
		A1	A2	A3	A4	A5	A6	A7	A8
		1	2	3	4	5	6	7	8
Burglary Bell	5782								
Pulsed Burg. Bell	5790								
Burg PGM2	5798								
Burg Relay	5806								
Burg PGM1	5814								
[Default = blank (*) blank (*) from address 5782-5814]									

OUTPUT SILENCED (TURNED OFF)	ADDR	DISARMING AREA 4 TURNS OFF AREA OUTPUT							
		A1	A2	A3	A4	A5	A6	A7	A8
		1	2	3	4	5	6	7	8
Burglary Bell	5783								
Pulsed Burg. Bell	5791								
Burg PGM2	5799								
Burg Relay	5807								
Burg PGM1	5815								
[Default = blank (*) blank (*) from address 5783-5815]									


OUTPUT SILENCED (TURNED OFF)	ADDR	DISARMING AREA 5 TURNS OFF AREA OUTPUT							
		A1	A2	A3	A4	A5	A6	A7	A8
		1	2	3	4	5	6	7	8
Burglary Bell	5784								
Pulsed Burg. Bell	5792								
Burg PGM2	5800								
Burg Relay	5808								
Burg PGM1	5816								
[Default = blank (*) blank (*) from address 5784-5816]									

OUTPUT SILENCED (TURNED OFF)	ADDR	DISARMING AREA 6 TURNS OFF AREA OUTPUT							
		A1	A2	A3	A4	A5	A6	A7	A8
		1	2	3	4	5	6	7	8
Burglary Bell	5785								
Pulsed Burg. Bell	5793								
Burg PGM2	5801								
Burg Relay	5809								
Burg PGM1	5817								
[Default = blank (*) blank (*) from address 5785-5817]									

OUTPUT SILENCED (TURNED OFF)	ADDR	DISARMING AREA 7 TURNS OFF AREA OUTPUT							
		A1	A2	A3	A4	A5	A6	A7	A8
		1	2	3	4	5	6	7	8
Burglary Bell	5786								
Pulsed Burg. Bell	5794								
Burg PGM2	5802								
Burg Relay	5810								
Burg PGM1	5818								
[Default = blank (*) blank (*) from address 5786-5818]									

OUTPUT SILENCED (TURNED OFF)	ADDR	DISARMING AREA 8 TURNS OFF AREA OUTPUT							
		A1	A2	A3	A4	A5	A6	A7	A8
		1	2	3	4	5	6	7	8
Burglary Bell	5787								
Pulsed Burg. Bell	5795								
Burg PGM2	5803								
Burg Relay	5811								
Burg PGM1	5819								
[Default = blank (*) blank (*) from address 5787-5819]									

AREA OUTPUT TURNS OFF UPON DISARM: Select options for any of the 5 Outputs per area when disarming a particular area.

1. Select the desired option.
2. Enter the corresponding Area number in each the address location, in Binary (Bit) Format. **NOTE:** See Direct Address Programming Example on page 15.
3. Press  to save.


RF RECEIVERS & SUPERVISION TIMER OPTIONS (ADDRESS 7958 & 7705-7720)

Number of RF/ SLC Receivers	ADDRESS 7958	
	0	0

Default Number of Receivers = 0

DATA ENTRIES	RF /SLC RECEIVER(S)
0	None
1	1
2	2
3	3
4	4

RF/SLC RECEIVERS: Up to 4 RF/SLC Receivers may be programmed.
NOTE: This allows wireless capability to the system, of up to 255 zones.

1. Select the number of receivers (1-4).
2. Enter the corresponding decimal number (1-4) into the right-most location. Press  to save.

RF SUPERVISION TIMER	RF TRANSMITTER	ADDRESS 7705-7712		
		LEFT	ADDR	RIGHT
Type 0	Window/Door, 2 Pt.		7705	
Type 1	Window/Door, 2 Pt.		7706	
Type 2	Window/Door, 2 Pt.		7707	
Type 3	Window/Door, 2 Pt.		7708	
Type 4	Window/Door, 4 Pt.		7709	
Type 5	PIR		7710	
Type 6	PIR		7711	
Type 7	Smoke Detector		7712	

[Default = blank (*) 8 from address 7705-7712 (80 minutes)]

RF SUPERVISION TIMER	RF TRANSMITTER	ADDRESS 7713-7720		
		LEFT	ADDR	RIGHT
Type 8	Smoke Detector		7713	
Type 9	Keyfob		7714	
Type A	Dual Tech.		7715	
Type B	Keyfob		7716	
Type C	Window/Door, 4 Pt.		7717	
Type D	PIR		7718	
Type E	Smoke Detector		7719	
Type F	Napco Glass Break		7720	

[Default = blank (*) 8 from address 7713-7720 (80 minutes)]

RF SUPERVISION TIMERS		
DATA ENTRIES	DELAY	
LEFT	RIGHT	
blank (*)	blank (*)	0 min.
blank (*)	1	10 min.
blank (*)	2	20 min.
blank (*)	3	30 min.
blank (*)	4	40 min.
blank (*)	5	50 min.
blank (*)	6	60 min.
blank (*)	7	70 min.
blank (*)	8	80 min.
blank (*)	9	90 min.
blank (*)	0	100 min.
blank (*)	B	110 min.
blank (*)	C	120 min.
blank (*)	D	130 min.
blank (*)	E	140 min.
blank (*)	F	150 min.
1	blank (*)	160 min.
1	1	170 min.
1	2	180 min.
1	3	190 min.
1	4	200 min.
1	5	210 min.
1	6	220 min.
1	7	230 min.
1	8	240 min.
1	9	250 min.
1	0	260 min.
1	B	270 min.
1	C	280 min.
1	D	290 min.
1	E	300 min.
1	F	310 min.
2	blank (*)	320 min.
2	1	330 min.
2	2	340 min.
2	3	350 min.
2	4	360 min.
2	5	370 min.

RF SUPERVISION TIMERS		
DATA ENTRIES	DELAY	
LEFT	RIGHT	
2	6	380 min.
2	7	390 min.
2	8	400 min.
2	9	410 min.
2	0	420 min.
2	B	430 min.
2	C	440 min.
2	D	450 min.
2	E	460 min.
2	F	470 min.
3	blank (*)	480 min.
3	1	490 min.
3	2	500 min.
3	3	510 min.
3	4	520 min.
3	5	530 min.
3	6	540 min.
3	7	550 min.
3	8	560 min.
3	9	570 min.
3	0	580 min.
3	B	590 min.
3	C	600 min.
3	D	610 min.
3	E	620 min.
3	F	630 min.
4	blank (*)	640 min.
4	1	650 min.
4	2	660 min.
4	3	670 min.
4	4	680 min.
4	5	690 min.
4	6	700 min.
F	F	2550 min. = 42 Hr., 30 min.

RF SUPERVISION TIMERS: RF Supervision Timers may be programmed for each type of transmitter used. A transmitter will send a transmission every time it is tripped, when there is NO activity, the transmitter sends a status transmission about once an hour. If the receiver does NOT receive ANY signal (a trip or a status) from a transmitter in the time specified for transmitter type, a system trouble "E-04-NNN" will be displayed at the keypad.

1. Select timer delay from the table shown. Timers are programmed in increments of 10 minutes each. Valid entries are: (*)8 - FF (80 minutes - 2550 minutes) (Note that 2550 minutes = 42 hours, 30 minutes).
WARNING: Timers have uncertainty of +/-30 minutes.
2. Enter in corresponding address locations above (left and right digits).
3. For a desired *timer not* listed, do the following:
 - A. Choose a desired timer (intervals of 10). (example: 1440 minutes = 24 Hours)
 - B. Divide by 10. (example: $1440 \div 10 = 144$)
 - C. Divide by 16.

$$\begin{array}{r}
 \textcircled{6} \text{ Quotient} \longrightarrow \text{Left Digit} \\
 16 \overline{) 100} \\
 \underline{-96} \\
 \textcircled{4} \text{ Remainder} \longrightarrow \text{Right Digit}
 \end{array}$$

NOTE: These timers apply only to Supervised RF Transmitters (see RF Transmitters in Easy Menu Driven Mode Programming).

EXTERNAL RELAY CONTROL / RELAYS 1-39 (ADDRESS 7724-7762 & 5920-6075)

ADDRESS 7724 & 5920-5923 (RELAY/entry 1)									
7724	5920	5921	5922	5923					
L	R	L	R		L	R	L	R	

ADDRESS 7725 & 5924-5927 (RELAY/entry 2)									
7725	5924	5925	5926	5927					
L	R	L	R		L	R	L	R	

ADDRESS 7726 & 5928-5931 (RELAY/entry 3)									
7726	5928	5929	5930	5931					
L	R	L	R		L	R	L	R	

ADDRESS 7727 & 5932-5935 (RELAY/entry 4)									
7727	5932	5933	5934	5935					
L	R	L	R		L	R	L	R	

ADDRESS 7728 & 5936-5939 (RELAY/entry 5)									
7728	5936	5937	5938	5939					
L	R	L	R		L	R	L	R	

ADDRESS 7729 & 5940-5943 (RELAY/entry 6)									
7729	5940	5941	5942	5943					
L	R	L	R		L	R	L	R	

ADDRESS 7730 & 5944-5947 (RELAY/entry 7)									
7730	5944	5945	5946	5947					
L	R	L	R		L	R	L	R	

ADDRESS 7731 & 5948-5951 (RELAY/entry 8)									
7731	5948	5949	5950	5951					
L	R	L	R		L	R	L	R	

ADDRESS 7732 & 5952-5955 (RELAY/entry 9)									
7732	5952	5953	5954	5955					
L	R	L	R		L	R	L	R	

ADDRESS 7733 & 5956-5959 (RELAY/entry 10)									
7733	5956	5957	5958	5959					
L	R	L	R		L	R	L	R	

ADDRESS 7734 & 5960-5963 (RELAY entry 11)									
7734	5960	5961	5962	5963					
L	R	L	R		L	R	L	R	

ADDRESS 7735 & 5964-5967 (RELAY/entry 12)									
7735	5964	5965	5966	5967					
L	R	L	R		L	R	L	R	

ADDRESS 7736 & 5968-5971 (RELAY/entry 13)									
7736	5968	5969	5970	5971					
L	R	L	R		L	R	L	R	

ADDRESS 7737 & 5972-5975 (RELAY/entry 14)									
7737	5972	5973	5974	5975					
L	R	L	R		L	R	L	R	

ADDRESS 7738 & 5976-5979 (RELAY/entry 15)									
7738	5976	5977	5978	5979					
L	R	L	R		L	R	L	R	

ADDRESS 7739 & 5980-5983 (RELAY/entry 16)									
7739	5980	5981	5982	5983					
L	R	L	R		L	R	L	R	

ADDRESS 7740 & 5984-5987 (RELAY/entry 17)									
7740	5984	5985	5986	5987					
L	R	L	R		L	R	L	R	

ADDRESS 7741 & 5988-5991 (RELAY/entry 18)									
7741	5988	5989	5990	5991					
L	R	L	R		L	R	L	R	

ADDRESS 7742 & 5992-5995 (RELAY/entry 19)									
7742	5992	5993	5994	5995					
L	R	L	R		L	R	L	R	

ADDRESS 7743 & 5996-5999 (RELAY/entry 20)									
7743	5996	5997	5998	5999					
L	R	L	R		L	R	L	R	

ADDRESS 7744 & 6000-6003 (RELAY/entry 21)									
7744	6000	6001	6002	6003					
L	R	L	R		L	R	L	R	

ADDRESS 7745 & 6004-6007 (RELAY/entry 22)									
7745	6004	6005	6006	6007					
L	R	L	R		L	R	L	R	

ADDRESS 7746 & 6008-6011 (RELAY/entry 23)									
7746	6008	6009	6010	6011					
L	R	L	R		L	R	L	R	

ADDRESS 7747 & 6012-6015 (RELAY/entry 24)									
7747	6012	6013	6014	6015					
L	R	L	R		L	R	L	R	

ADDRESS 7748 & 6016-6019 (RELAY/entry 25)									
7748	6016	6017	6018	6019					
L	R	L	R		L	R	L	R	

ADDRESS 7749 & 6020-6023 (RELAY/entry 26)									
7749	6020	6021	6022	6023					
L	R	L	R		L	R	L	R	

ADDRESS 7750 & 6024-6027 (RELAY/entry 27)									
7750	6024	6025	6026	6027					
L	R	L	R		L	R	L	R	

ADDRESS 7751 & 6028-6031 (RELAY/entry 28)									
7751	6028	6029	6030	6031					
L	R	L	R		L	R	L	R	

ADDRESS 7752 & 6032-6035 (RELAY/entry 29)									
7752	6032	6033	6034	6035					
L	R	L	R		L	R	L	R	

ADDRESS 7753 & 6036-6039 (RELAY/entry 30)									
7753	6036	6037	6038	6039					
L	R	L	R		L	R	L	R	

ADDRESS 7754 & 6040-6043 (RELAY/entry 31)									
7754	6040	6041	6042	6043					
L	R	L	R		L	R	L	R	

ADDRESS 7755 & 6044-6047 (RELAY/entry 32)									
7755	6044	6045	6046	6047					
L	R	L	R		L	R	L	R	

ADDRESS 7756 & 6048-6051 (RELAY/entry 33)									
7756	6048	6049	6050	6051					
L	R	L	R		L	R	L	R	

ADDRESS 7757 & 6052-6055 (RELAY/entry 34)									
7757	6052	6053	6054	6055					
L	R	L	R		L	R	L	R	

ADDRESS 7758 & 6056-6059 (RELAY/entry 35)									
7758	6056	6057	6058	6059					
L	R	L	R		L	R	L	R	

ADDRESS 7759 & 6060-6063 (RELAY/entry 36)									
7759	6060	6061	6062	6063					
L	R	L	R		L	R	L	R	

ADDRESS 7760 & 6064-6067 (RELAY/entry 37)									
7760	6064	6065	6066	6067					
L	R	L	R		L	R	L	R	

ADDRESS 7761 & 6068-6071 (RELAY/entry 38)			
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EXTERNAL RELAY CONTROL / RELAYS 40-78 (ADDRESS 7763-7801 & 6076-6231)

ADDRESS 7763 & 6076-6079 (RELAY/entry 40)										
7763		6076		6077			6078		6079	
L	R	L	R				L	R	L	R

ADDRESS 7764 & 6080-6083 (RELAY/entry 41)										
7764		6080		6081			6082		6083	
L	R	L	R				L	R	L	R

ADDRESS 7765 & 6084-6087 (RELAY/entry 42)									
7765		6084		6085		6086		6087	
L	R	L	R			L	R	L	R

ADDRESS 7766 & 6088-6091 (RELAY/entry 43)										
7766		6088		6089		6090		6091		
L	R	L	R				L	R	L	R

ADDRESS 7767 & 6092-6095 (RELAY/entry 44)										
7767		6092		6093			6094		6095	
L	R	L	R				L	R	L	R

ADDRESS 7768 & 6096-6099 (RELAY/entry 45)									
7768		6096		6097		6098		6099	
L	R	L	R			L	R	L	R

ADDRESS 7769 & 6100-6103 (RELAY/entry 46)										
7769		6100		6101			6102		6103	
L	R	L	R				L	R	L	R

ADDRESS 7770 & 6104-6107 (RELAY/entry 47)										
7770		6104		6105		6106		6107		
L	R	L	R				L	R	L	R

ADDRESS 7771 & 6108-6111 (RELAY/entry 48)										
7771		6108		6109			6110		6111	
L	R	L	R				L	R	L	R

ADDRESS 7772 & 6112-6115 (RELAY/entry 49)										
7772		6112		6113			6114		6115	
L	R	L	R				L	R	L	R

ADDRESS 7773 & 6116-6119 (RELAY EVENT 50)										
7773		6116		6117			6118		6119	
L	R	L	R				L	R	L	R

ADDRESS 7774 & 6120-6123 (RELAY/entry 51)									
7774		6120		6121		6122		6123	
L	R	L	R			L	R	L	R

ADDRESS 7775 & 6124-6127 (RELAY/entry 52)									
7775		6124		6125		6126		6127	
L	R	L	R			L	R	L	R

ADDRESS 7776 & 6128-6131 (RELAY/entry 53)										
7776		6128		6129			6130		6131	
L	R	L	R				L	R	L	R

ADDRESS 7777 & 6132-6135 (RELAY/entry 54)									
7777		6132		6133		6134		6135	
L	R	L	R			L	R	L	R

ADDRESS 7778 & 6136-6139 (RELAY/entry 55)										
7778		6136		6137			6138		6139	
L	R	L	R				L	R	L	R

ADDRESS 7779 & 6140-6143 (RELAY/entry 56)										
7779		6140		6141			6142		6143	
L	R	L	R				L	R	L	R

ADDRESS 7780 & 6144-6147 (RELAY/entry 57)										
7780		6144		6145			6146		6147	
L	R	L	R				L	R	L	R

ADDRESS 7781 & 6148-6151 (RELAY/entry 58)										
7781		6148		6149			6150		6151	
L	R	L	R				L	R	L	R

ADDRESS 7782 & 6152-6155 (RELAY/entry 59)										
7782		6152		6153			6154		6155	
L	R	L	R				L	R	L	R

ADDRESS 7783 & 6156-6159 (RELAY/entry 60)									
7783		6156		6157		6158		6159	
L	R	L	R			L	R	L	R

ADDRESS 7784 & 6160-6163 (RELAY/entry 61)										
7784		6160		6161			6162		6163	
L	R	L	R				L	R	L	R

ADDRESS 7785 & 6164-6167 (RELAY/entry 62)										
7785		6164		6165			6166		6167	
L	R	L	R				L	R	L	R

ADDRESS 7786 & 6168-6171 (RELAY/entry 63)										
7786		6168		6169			6170		6171	
L	R	L	R				L	R	L	R

ADDRESS 7787 & 6172-6175 (RELAY/entry 64)										
7787		6172		6173			6174		6175	
L	R	L	R				L	R	L	R

ADDRESS 7788 & 6176-6179 (RELAY/entry 65)										
7788		6176		6177			6178		6179	
L	R	L	R				L	R	L	R

ADDRESS 7789 & 6180-6183 (RELAY/entry 66)									
7789		6180		6181		6182		6183	
L	R	L	R			L	R	L	R

ADDRESS 7790 & 6184-6187 (RELAY/entry 67)										
7790		6184		6185			6186		6187	
L	R	L	R				L	R	L	R

ADDRESS 7791 & 6188-6191 (RELAY/entry 68)										
7791		6188		6189			6190		6191	
L	R	L	R				L	R	L	R

ADDRESS 7792 & 6192-6195 (RELAY/entry 69)										
7792		6192		6193			6194		6195	
L	R	L	R				L	R	L	R

ADDRESS 7793 & 6196-6199 (RELAY/entry 70)										
7793		6196		6197			6198		6199	
L	R	L	R				L	R	L	R

ADDRESS 7794 & 6200-6203 (RELAY/entry 71)										
7794		6200		6201			6202		6203	
L	R	L	R				L	R	L	R

ADDRESS 7795 & 6204-6207 (RELAY/entry 72)									
7795		6204		6205		6206		6207	
L	R	L	R			L	R	L	R

ADDRESS 7796 & 6208-6211 (RELAY/entry 73)									
7796		6208		6209		6210		6211	
L	R	L	R			L	R	L	R

EXTERNAL RELAY CONTROL / RELAYS 79-96 (ADDRESS 7802-7819 & 6232-6303)

ADDRESS 7802 & 6232-6235 (RELAY/entry 79)									
7802	6232	6233		6234		6235			
L	R	L	R	L	R	L	R	L	R

ADDRESS 7803 & 6236-6239 (RELAY/entry 80)									
7803	6236	6237		6238		6239			
L	R	L	R	L	R	L	R	L	R

ADDRESS 7804 & 6240-6243 (RELAY/entry 81)									
7804	6240	6241		6242		6243			
L	R	L	R	L	R	L	R	L	R

ADDRESS 7805 & 6244-6247 (RELAY/entry 82)									
7805	6244	6245		6246		6247			
L	R	L	R	L	R	L	R	L	R

ADDRESS 7806 & 6248-6251 (RELAY/entry 83)									
7806	6248	6249		6250		6251			
L	R	L	R	L	R	L	R	L	R

ADDRESS 7807 & 6252-6255 (RELAY/entry 84)									
7807	6252	6253		6254		6255			
L	R	L	R	L	R	L	R	L	R

ADDRESS 7808 & 6256-6259 (RELAY/entry 85)									
7808	6256	6257		6258		6259			
L	R	L	R	L	R	L	R	L	R

ADDRESS 7809 & 6260-6263 (RELAY/entry 86)									
7809	6260	6261		6262		6263			
L	R	L	R	L	R	L	R	L	R

ADDRESS 7810 & 6264-6267 (RELAY/entry 87)									
7810	6264	6265		6266		6267			
L	R	L	R	L	R	L	R	L	R

ADDRESS 7811 & 6268-6271 (RELAY/entry 88)									
7811	6268	6269		6270		6271			
L	R	L	R	L	R	L	R	L	R

ADDRESS 7812 & 6272-6275 (RELAY entry 89)									
7812	6272	6273		6274		6275			
L	R	L	R	L	R	L	R	L	R

ADDRESS 7813 & 6276-6279 (RELAY/entry 90)									
7813	6276	6277		6278		6279			
L	R	L	R	L	R	L	R	L	R

ADDRESS 7814 & 6280-6283 (RELAY/entry 91)									
7814	6280	6281		6282		6283			
L	R	L	R	L	R	L	R	L	R

ADDRESS 7815 & 6284-6287 (RELAY/entry 92)									
7815	6284	6285		6286		6287			
L	R	L	R	L	R	L	R	L	R

ADDRESS 7816 & 6288-6291 (RELAY/entry 93)									
7816	6288	6289		6290		6291			
L	R	L	R	L	R	L	R	L	R

ADDRESS 7817 & 6292-6295 (RELAY/entry 94)									
7817	6292	6293		6294		6295			
L	R	L	R	L	R	L	R	L	R

ADDRESS 7818 & 6296-6299 (RELAY/entry 95)									
7818	6296	6297		6298		6299			
L	R	L	R	L	R	L	R	L	R

ADDRESS 7819 & 6300-6303 (RELAY/entry 96)									
7819	6300	6301		6302		6303			
L	R	L	R	L	R	L	R	L	R

[Default = blank (•) blank (•) from address 7724-7819 & 5920-6303]

To program, follow the 5 steps below:

STEP 1: RELAY # OPTIONS: Each relay/entry can be assigned to any of the 96 available external relays from Relay Module RM3008. Multiple entries can drive the same External Relay.

☞ Select the relay number from **Table 1** (shown on next page); enter in corresponding left and right digit address locations.

Note: Entries 01-96 correspond to relays 1 through 96. If entries are zero, zero (00), then relay number is identical to the relay/entry address table number, in the selected address table(s) above.

STEP 2: AREA OPTIONS: Each relay/entry can be assigned to Area 1-8 or all areas.

☞ Select the area from **Table 2** (shown on next page); enter in corresponding left and right digit address locations.

STEP 3: TIMEOUTS: Each relay event can be assigned a timeout depending on Alarm Type option.

☞ If Alarm Type is selected for timeout in minutes or seconds, enter the 3-digit **timeout duration** in corresponding address location. To choose seconds or minutes, see step 5A below. 254 is maximum entry.

STEP 4: EVENT ID CODES: Each relay event can be assigned any of the available event IDs from the table.

☞ Select 2-digit Event ID from **Table 4** (see page 55); enter in corresponding address locations (left and right digit).

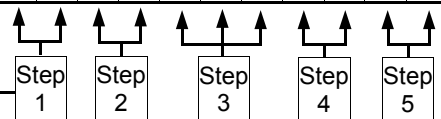
STEP 5: RELAY EVENT CONDITION OPTIONS: Each relay event can be assigned an alarm type; and an activation condition; also, select a timeout type for each.

☞ 5A. Select Alarm Type and Timeout Type from **Table 5A** (see page 56); enter in corresponding address location (left digit).

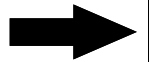
NOTE: Select Timeout from Step 3.

☞ 5B. Select Activation from from **Table 5B** (see page 56); enter in corresponding address location (right digit).

RELAY EVENT OPTIONS									
RELAY #		AREA		Timeout		Event ID		COND.	
L	R	L	R			L	R	L	R



Continued



RELAY EVENT OPTIONS				
RELAY #	AREA	TIMEOUT	EVENT ID	COND.
See Table 1 below	See Table 2 below	See Table 3 below	See Table 4 on page 55	See Tables 5A & 5B on page 56

TABLE 1 RELAY MAPPING		
DATA ENTRIES		RELAY #
LEFT	RIGHT	
blank (*)	blank (*)	None *
blank (*)	1	1
blank (*)	2	2
blank (*)	3	3
blank (*)	4	4
blank (*)	5	5
blank (*)	6	6
blank (*)	7	7
blank (*)	8	8
blank (*)	9	9
blank (*)	0	10
blank (*)	B	11
blank (*)	C	12
blank (*)	D	13
blank (*)	E	14
blank (*)	F	15
1	blank (*)	16
1	1	17
1	2	18
1	3	19
1	4	20
1	5	21
1	6	22
1	7	23
1	8	24
1	9	25
1	0	26
1	B	27
1	C	28
1	D	29
1	E	30
1	F	31
2	blank (*)	32
2	1	33
2	2	34
2	3	35
2	4	36
2	5	37
2	6	38
2	7	39
2	8	40
2	9	41
2	0	42
2	B	43
2	C	44
2	D	45
2	E	46
2	F	47
6	blank (*)	96

* **Note:** [blank (*) blank (*)] option affects the relay with the same entry number. All other options affect the relay number specified. Ex: Suppose Relay/Entry 1 is mapped to External Relay 1 and Relay/Entry 2 is mapped to External Relay 24. The data entries are as follows: Address 3778 = [blank (*) blank (*)] and Address 3779 = [1C].

For a desired relay not listed:
A. Choose a desired relay, ex: 60
B. Divide it by 16

$$\begin{array}{r}
 16 \overline{) 60} \\
 \underline{-48} \\
 12
 \end{array}$$

③ Quotient → Left Digit
③ Remainder → Right Digit

Areas 1-4

Areas 5-8

TABLE 2 (AREAS 1-4) AREAS CONTROLLING RELAY SHUTOFF ON DISARM				
RIGHT DATA ENTRY	AREA 4	AREA 3	AREA 2	AREA 1
blank (*)	NONE			
1	Y			
2		Y		
3	Y	Y		
4			Y	
5	Y		Y	
6		Y	Y	
7	Y	Y	Y	
8				Y
9	Y			Y
0		Y		Y
B	Y	Y		Y
C			Y	Y
D	Y		Y	Y
E		Y	Y	Y
F	Y	Y	Y	Y

Note: "Y" indicates option is enabled.

TABLE 2 (AREAS 5-8) AREAS CONTROLLING RELAY SHUTOFF ON DISARM				
LEFT DATA ENTRY	AREA 8	AREA 7	AREA 6	AREA 5
blank (*)	NONE			
1	Y			
2		Y		
3	Y	Y		
4			Y	
5	Y		Y	
6		Y	Y	
7	Y	Y	Y	
8				Y
9	Y			Y
0		Y		Y
B	Y	Y		Y
C			Y	Y
D	Y		Y	Y
E		Y	Y	Y
F	Y	Y	Y	Y

Note: "Y" indicates option is enabled.

TIMEOUTS: Each relay event can be assigned a timeout depending on Alarm Type option.

☞ If Alarm Type is selected for timeout in minutes or seconds, enter the 3-digit **time-out duration** in corresponding address location. To choose seconds or minutes, see step 5A on page 56. Maximum entry is 254.

Continued



STEP 4: EVENT ID CODES: Each relay event can be assigned any of the available event IDs from the table.

 Select 2-digit Event ID from **Table 4** (below); enter in corresponding address locations (left and right digit).

TABLE 4		
EVENT ID CODES		
DATA ENTRIES		OPTION
LEFT	RIGHT	
blank (+)	blank (+)	Area 1 Arm
blank (+)	1	Area 2 Arm
blank (+)	2	Area 3 Arm
blank (+)	3	Area 4 Arm
blank (+)	4	Area 5 Arm
blank (+)	5	Area 6 Arm
blank (+)	6	Area 7 Arm
blank (+)	7	Area 8 Arm
C	blank (+)	Area 1 Disarm
C	1	Area 2 Disarm
C	2	Area 3 Disarm
C	3	Area 4 Disarm
C	4	Area 5 Disarm
C	5	Area 6 Disarm
C	6	Area 7 Disarm
C	7	Area 8 Disarm
blank (+)	8	Zone 1
blank (+)	9	Zone 2
blank (+)	0	Zone 3
blank (+)	B	Zone 4
blank (+)	C	Zone 5
blank (+)	D	Zone 6
blank (+)	E	Zone 7
blank (+)	F	Zone 8
1	blank (+)	Zone 9
1	1	Zone 10
1	2	Zone 11
1	3	Zone 12
1	4	Zone 13
1	5	Zone 14
1	6	Zone 15
1	7	Zone 16
1	8	Zone 17
1	9	Zone 18
1	0	Zone 19
1	B	Zone 20
1	C	Zone 21
1	D	Zone 22
1	E	Zone 23
1	F	Zone 24
2	blank (+)	Zone 25
2	1	Zone 26
2	2	Zone 27
2	3	Zone 28
2	4	Zone 29
2	5	Zone 30
2	6	Zone 31
2	7	Zone 32
2	8	Zone 33
2	9	Zone 34
2	0	Zone 35
2	B	Zone 36
2	C	Zone 37
2	D	Zone 38
2	E	Zone 39
2	F	Zone 40
3	blank (+)	Zone 41
3	1	Zone 42
3	2	Zone 43
3	3	Zone 44
3	4	Zone 45
3	5	Zone 46
3	6	Zone 47
3	7	Zone 48
3	8	Zone 49
3	9	Zone 50
3	0	Zone 51
3	B	Zone 52

3	C	Zone 53
3	D	Zone 54
3	E	Zone 55
3	F	Zone 56
4	blank (+)	Zone 57
4	1	Zone 58
4	2	Zone 59
4	3	Zone 60
4	4	Zone 61
4	5	Zone 62
4	6	Zone 63
4	7	Zone 64
4	8	Zone 65
4	9	Zone 66
4	0	Zone 67
4	B	Zone 68
4	C	Zone 69
4	D	Zone 70
4	E	Zone 71
4	F	Zone 72
5	blank (+)	Zone 73
5	1	Zone 74
5	2	Zone 75
5	3	Zone 76
5	4	Zone 77
5	5	Zone 78
5	6	Zone 79
5	7	Zone 80
5	8	Zone 81
5	9	Zone 82
5	0	Zone 83
5	B	Zone 84
5	C	Zone 85
5	D	Zone 86
5	E	Zone 87
5	F	Zone 88
6	blank (+)	Zone 89
6	1	Zone 90
6	2	Zone 91
6	3	Zone 92
6	4	Zone 93
6	5	Zone 94
6	6	Zone 95
6	7	Zone 96
6	8	Area 1 Keypad Ambush
6	9	Area 1 Keypad Panic
6	0	Area 1 Keypad Fire
6	B	Area 1 Keypad
6	C	Keypad Tamper
6	D	Area 1 Fail to Open
6	E	Area 1 Fail to Close
7	blank (+)	Area 2 Keypad Ambush
7	1	Area 2 Keypad Panic
7	2	Area 2 Keypad Fire
7	3	Area 2 Keypad
7	5	Area 2 Fail to Open
7	6	Area 2 Fail to Close
7	8	Area 3 Keypad Ambush
7	9	Area 3 Keypad Panic
7	0	Area 3 Keypad Fire
7	B	Area 3 Keypad
7	D	Area 3 Fail to Open
7	E	Area 3 Fail to Close
8	blank (+)	Area 4 Keypad Ambush
8	1	Area 4 Keypad Panic
8	2	Area 4 Keypad Fire
8	3	Area 4 Keypad
8	5	Area 4 Fail to Open
8	6	Area 4 Fail to Close
8	8	Area 5 Keypad Ambush
8	9	Area 5 Keypad Panic
8	0	Area 5 Keypad Fire
8	B	Area 5 Keypad
8	D	Area 5 Fail to Open
8	E	Area 5 Fail to Close
9	blank (+)	Area 6 Keypad Ambush

9	1	Area 6 Keypad Panic
9	2	Area 6 Keypad Fire
9	3	Area 6 Keypad
9	5	Area 6 Fail to Open
9	6	Area 6 Fail to Close
9	8	Area 7 Keypad Ambush
9	9	Area 7 Keypad Panic
9	0	Area 7 Keypad Fire
9	B	Area 7 Keypad
9	D	Area 7 Fail to Open
9	E	Area 7 Fail to Close
0	blank (+)	Area 8 Keypad Ambush
0	1	Area 8 Keypad Panic
0	2	Area 8 Keypad Fire
0	3	Area 8 Keypad
0	5	Area 8 Fail to Open
0	6	Area 8 Fail to Close
0	8	Test Timer
0	0	Bus Fail
0	B	Guarded RAM Fail
0	C	Low Battery
0	D	AC Fail
0	E	EZM Tamper
0	F	Sensor Watch
B	blank (+)	Telco Fault
B	8	Digital Dialer Test
B	9	Guard-Tour Fail
B	B	Service Message
B	C	Program Change
B	D	RF Receiver Trouble
B	E	Transmitter Tamper
B	F	Transmitter Trouble
D	blank (+)	Keypad Fail
D	1	EZM Fail
D	2	Quickloader Device Control
D	3	System Shutdown
D	4	Quickloader Keypad Reset
D	5	General System Alarm
D	8	Area 1 General System Alarm
D	9	Area 2 General System Alarm
D	0	Area 3 General System Alarm
D	B	Area 4 General System Alarm
D	C	Area 5 General System Alarm
D	D	Area 6 General System Alarm
D	E	Area 7 General System Alarm
D	F	Area 8 General System Alarm
F	blank (+)	Relay Group 1
F	1	Relay Group 2
F	2	Relay Group 3
F	3	Relay Group 4
F	4	Relay Group 5
F	5	Relay Group 6
F	6	Relay Group 7
F	7	Relay Group 8
F	8	Area 1 Entry Delay
F	9	Area 2 Entry Delay
F	0	Area 3 Entry Delay
F	B	Area 4 Entry Delay
F	C	Area 5 Entry Delay
F	D	Area 6 Entry Delay
F	E	Area 7 Entry Delay
F	F	Area 8 Entry Delay

NOTE: Keypad Tamper must be enabled in UL installations using jumper option on keypad.

Continued



STEP 5: RELAY EVENT CONDITION OPTIONS: Each relay event can be assigned an alarm type; and an activation condition; also, select a timeout type for each.

5A. Select Alarm Type and Timeout Type from **Table 5A** (below); enter in corresponding address location (left digit). **NOTE:** Select Timeout from Step 3.

5B. Select Activation from from **Table 5B** (below); enter in corresponding address location (right digit).

TABLE 5A		
RELAY EVENT ALARM TYPE OPTIONS		
LEFT DATA ENTRIES	ALARM TYPE	TIMEOUT TYPE
blank (*)	Burglary	Minutes
1	Fire	Minutes
4	Day Zone/ Trouble	Minutes
8	Burglary	Seconds
9	Fire	Seconds
C	Day Zone/ Trouble	Seconds

TABLE 5B	
RELAY EVENT ACTIVATION CONDITIONS	
RIGHT DATA ENTRIES	OPTIONS
1	Alarm
2	Restore
3	Trouble
4	Trouble Restore
5	Follows Open Zone
6	Follows Shorted Zone

SYSTEM RESET OPTIONS (ADDRESS 8177-8179)

8177 XX

GEMC-FK1 Keypad

Clear Dealer Program (Erases Dealer Program)



This erases the dealer program. Use this feature to start a customized default program.

Access address 8177, then press the button. Data entry is not allowed.

NOTE: Enter Easy Menu Driven Program Mode to program system again.

8179 XX

GEMC-FK1 Keypad

Cold Start (Erases Entire Program)



This erases the entire program (codes, schedules, foreign language configuration, etc), leaving the panel as it came right out of the box.

Access address 8179, then press the button. Data entry is not allowed.

NOTE: Some features (schedules, language configuration) can only be re-programmed with the Downloading Software.

ALPHABETICAL INDEX



ALPHABETICAL INDEX (CONT'D)

ALPHABETICAL INDEX (CONT'D)



ADDRESS NUMBER INDEX



ADDRESS NUMBER INDEX (CONT'D)



ADDRESS NUMBER INDEX (CONT'D)

ADDRESS NUMBER INDEX (CONT'D)



NOTES

NOTES



NAPCO LIMITED WARRANTY

NAPCO SECURITY SYSTEMS, 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.

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. THERE IS NO EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. ADDITIONALLY, THIS WARRANTY IS IN LIEU OF ALL OTHER OBLIGATIONS OR LIABILITIES ON THE PART OF NAPCO.

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.