

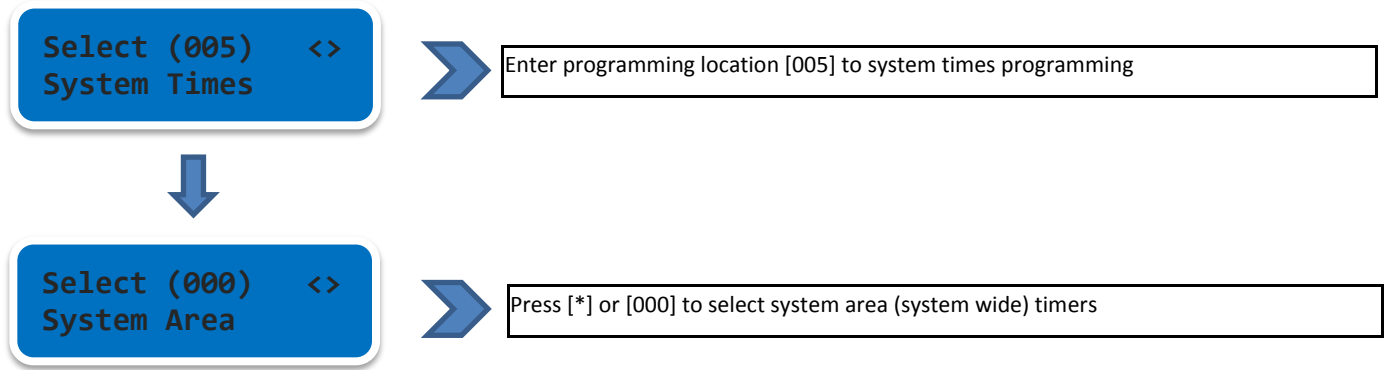


POWER SERIES NEO TECHNICAL TRAINING MANUAL

SYSTEM TIMES [005] -> [000]

This section allows us to change our timers for system wide purposes:

Enter Installer's programming mode: [*][8][Installer's Code]



The following are the timers available to program in the system area location:

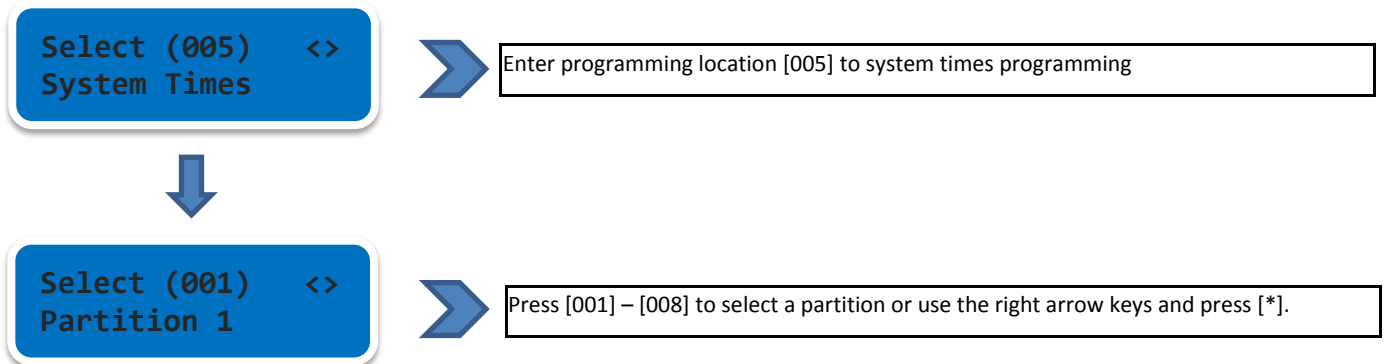
- [Bell Cut off]
 - How long the siren sounds until it automatically shuts off (default 4 minutes)
- [Bell Delay]
 - How long the siren will be delayed before it begins sounding for burglary alarms (default 0 minutes)
- [Burglary Verify Timer]
 - If alarms occur from at least two zones with the burglary verification attribute enabled during this timer, a burglary verified signal will be sent to the central station. If only one zone goes into alarm, a burglary not verified signal is sent to the central station (default 60 minutes)
- [Holdup Time]
 - If alarms occur from at least two zones with the Holdup Verification attribute enabled during this timer, a holdup verified signal will be sent to the central station. If only one zone goes into alarm, the alarm signal is sent to the central station but no holdup verified signal is transmitted (default 8 hours)
- [Zone Loop Response]
 - How quickly the zones respond to a violation/secure state change (default 250 milliseconds)
 -
- [Auto Clock Adjust]
 - How long the last minute of the day lasts for. This can be useful if the clock is running fast or slow (default 60 seconds).

PARTITION TIMES [005] -> [001] – [008]

This section allows us to program our timers for specific partitions:

OPERATION

Enter Installer's programming mode: [*][8][Installer's Code]



The following menu items can be programmed once a partition is selected:

- [Entry Delay 1]
 - The entry delay for zones defined as “delay 1”, the user must disarm within this time to avoid an alarm.
- [Entry Delay 2]
 - The entry delay for zones defined as “delay 2”, the user must disarm within this time to avoid an alarm
- [Exit Delay]
 - The exit delay timer which counts down the time left before the system is armed.
- [Settle Delay Duration]
 - This is a short (0 to 10 seconds) exit delay extension that occurs when arming the system with infinite exit delay (when a final door set or push to set zone is on the system). When the exit delay is terminated by violating/securing the final door set or push to set zone, an additional amount of time (up to 10 seconds) will be given for the user to exit the building. This is to help prevent instant alarms that could occur if the system were to arm instantly in the above scenario.

[005] -> [900] BELL DELAY

- Toggle options that enable or disable the bell delay feature for all 8 partitions.

[005] -> [901] DAYLIGHT SAVINGS START

Select the month week, day, hour and increment for daylight savings.

[005] -> [902] DAYLIGHT SAVINGS END

Select the month, week, day, hour and decrement for daylight savings end.

[006] SYSTEM CODES

This section allows you to program the main codes of the system including the installer code and master code.

Operation

Step 1: Enter Installer's programming mode: [*][8][Installer's Code]

Step 2: Select programming location [006] Installer codes

The following codes can be programmed here:

- [001] Installer Code (default 5555), used to enter installer programming
- [002] Master Code (default 1234), this is the same as user 01.
- [003] Maintenance Code (this code can only be used to arm and disarm the system)
- [004] Guard Code (this code can only disarm the system when in alarm)

SYSTEM TOGGLE OPTIONS: SECTIONS [013] – [025]:

SECTION [013] – FIRST SYSTEM OPTIONS

TOGGLE OPTION#1

ON - NORMALLY CLOSED LOOPS:

- Enables all burglary zones to be wired for normally closed loops

OFF - END-OF-LINE RESISTORS:

- Enables all burglary zones to be wired for EOL as per option 2

TOGGLE OPTION#2

ON - DOUBLE END-OF-LINE RESISTORS:

- Enables all burglary zones to be wired for Double EOL

OFF - SINGLE END-OF-LINE RESISTORS:

- Enables all burglary zones to be wired for Single EOL

TOGGLE OPTION#3

ON - PANEL SHOWS ALL TROUBLES WHEN ARMED:

- Enables so that all troubles are indicated on the keypads while the system is armed

OFF - PANEL SHOWS ONLY FIRE TROUBLES WHEN ARMED:

- Enables so that only fire troubles are indicated on the keypads while the system is armed

TOGGLE OPTION#4

ON - TAMPERS FAULTS DO NOT SHOW AS OPEN:

- Enables so that zone tampers/faults do not cause the zone to show as an open (violation)

OFF - TAMPERS FAULTS SHOW AS OPEN:

- Enables so that zone tampers/faults do cause the zone to show as an open (violation)
- Note that this toggle option only changes the viewing preference of these trouble conditions. Regardless of this option being enabled/disable, a Zone Tamper will always be acknowledged as an open zone armed or disarmed.

TOGGLE OPTION#5

ON - USER FUNCTIONS AND INSTALLER PROGRAMMING:

- Enables Automatic Arming schedule programming through both [*][6] User Functions and Installer Programming or just Installer Programming

OFF - INSTALLER PROGRAMMING ONLY:

- Enables Automatic Arming schedule programming only through Installer Programming
- An error tone is generated when attempting to select auto arm scheduling through User Functions

TOGGLE OPTION#6

ON - AUDIBLE EXIT FAULT ENABLED

- Enables the Audible Exit Fault feature. If a delay zone is not secured correctly and not force-armed at the end of the delay, the system will go into entry delay and turn on the Bell output. The Bell will also sound if the delay zone is opened within 10 seconds of the exit delay timeout.

OFF - AUDIBLE EXIT FAULT DISABLED

- Disables the Audible Exit Fault feature and delay zones will operate as normal.

TOGGLE OPTION#7

Selects if the event buffer will stop logging an event or series of events when the swinger shutdown limit has been reached

ON - EVENT BUFFER FOLLOWS THE SWINGER SHUTDOWN LIMIT

- Enables the event buffer to stop logging events once the swinger shutdown limit has been reached

OFF - EVENT BUFFER LOGS EVENTS PAST SHUTDOWN

- Enables the event buffer to continue to log events event after the swinger shutdown limit has been reached

TOGGLE OPTION #8

Selects the bell output pattern for fire alarms

ON - TEMPORAL THREE PATTERN

- Enables the bell output to generate a temporal three pattern for fire alarms. ½ second ON, ½ second OFF, ½ second ON, ½ second OFF, ½ ON, 1 ½ OFF

OFF- STANDARD

- Enables the bell output to generate a standard bell output of 1/2 second ON, 1/2 second OFF for fire alarms

SECTION [014] – SECOND SYSTEM OPTIONS

TOGGLE OPTION#1

ON - ARM/DISARM BELL SQUAWK ENABLED:

- Enables the bell output to annunciate when the system is armed and disarmed
 - Arm = 1 bell squawk
 - Disarm = 2 bell squawks

OFF - ARM/DISARM BELL SQUAWK DISABLED:

- Disables bell squawk for arming and disarming

TOGGLE OPTION#2

ON - BELL SQUAWK DURING AUTO-ARM

- Enables the bell output to annunciate the auto arm pre-alert 1 squawk every 10 seconds for entire auto arm pre-alert

OFF - NO BELL SQUAWK DURING AUTO-ARM

- Disables bell squawk for the auto arm pre-alert

TOGGLE OPTION#3

ON - BELL SQUAWK ON EXIT DELAY

- Enables the bell output to annunciate exit delay

1 bell squawk for each second of exit delay, and 3 squawks for the last 10 seconds of exit delay.

OFF - NO BELL SQUAWK DURING EXIT DELAY

- Disables bell squawk for exit delay

TOGGLE OPTION#4

ON - BELL SQUAWK ON ENTRY DELAY

- Enables the bell output to annunciate entry delay
- 1 bell squawk for each second of entry delay and 3 squawks for the last 10 seconds of entry delay.

OFF - NO BELL SQUAWK DURING ENTRY DELAY

- Disables bell squawk for entry delay

TOGGLE OPTION#5

ON - BELL SQUAWK ON TROUBLE

- Enables the bell output to annunciate that a system trouble is present
- 2 squawks every 10 seconds until all troubles are cleared or any button is pressed

OFF - NO BELL SQUAWK ON TROUBLE

- Disables bell squawk for trouble

TOGGLE OPTION#6 – NOT USED

TOGGLE OPTION#7

ON - EXIT DELAY TERMINATION ENABLED

- Enables the exit delay to be reduced to 5 seconds when a delay type zone is restored during exit delay

OFF - EXIT DELAY TERMINATION DISABLED

- Disables exit delay termination therefore the entire exit delay will be provided even if a delay type zone is violated during exit delay

TOGGLE OPTION#8

ON – RESIDENTIAL FIRE BELL IS CONTINUOUS

- Enables the bell output to be active until a valid access code is entered until (Fire Zone, Keypad Fire)

OFF - RESIDENTIAL FIRE BELL IS CUT-OFF

- Enables the bell output to follow the bell cut-off timer when any fire alarm is generated

SECTION [015] – THIRD SYSTEM OPTIONS

TOGGLE OPTION#1

ON - FIRE KEYS ENABLED

- Enables the fire keys ([F] key) on all system keypads to be active

OFF - FIRE KEYS DISABLED

- Disables the fire keys ([F] key) on all system keypads

TOGGLE OPTION#2

ON - PANIC KEY AUDIBLE

- Enables the panic keys ([P] key) on all system keypads to be audible (2 keypad beeps when pressed and bell output)

OFF - PANIC KEY SILENT

- Enables the panic keys ([P] key) on all system keypads to be silent when activated (no bell output)

TOGGLE OPTION#3

ON - QUICK EXIT ENABLED

- Enables the quick exit feature

OFF - QUICK EXIT DISABLED

- Disables the quick exit feature. Therefore if performed, an error tone will be provided to indicate that this option is disabled

TOGGLE OPTION#4

ON - QUICK ARMING ENABLED

- Enables the quick arm ([*][0] to arm) feature. When enabled an access code is not required after using the Stay and Away function keys to arm

OFF - QUICK ARMING DISABLED

- Disables the quick arm ([*][0] to arm) feature. When disabled an access code is required after using the Stay and away function keys to arm.

TOGGLE OPTION#5 – (NOT USED)

TOGGLE OPTION#6

ON - MASTER CODE NOT CHANGEABLE

- Enables that the Master Code (User#40) cannot be programmed using the [*][5] Access Code Programming Mode. Therefore the Master Code is only programmable through Installer Programming, Section [007]

OFF - MASTER CODE CHANGEABLE

- Enables that the Master Code is programmable using the [*][5] Access Code Programming Mode or Installer Programming, Section [007]

TOGGLE OPTION#7

ON - TLM ENABLED

- Enables the control panel to monitor for a connected telephone line to its telephone terminals. (RING/TIP). If the correct telephone line voltage is not detected, a 'TLM Trouble' is generated

OFF - TLM DISABLED

- Disables the control panel from monitoring for a connected telephone line

TOGGLE OPTION#8

ON - TLM AUDIBLE

- Enables the control panel to activate the bell output (for bell cutoff) when a TLM trouble is generated while the system is armed
- Important Note: This option is only valid when Section [015], Toggle#7 is also enabled (TLM Enabled)

OFF - TLM TROUBLE BEEPS WHEN ARMED

- Enables the control panel to activate only activate the trouble on the keypad (no bell output)

SECTION [016] – FOURTH SYSTEM OPTIONS

TOGGLE OPTION#1

ON - AC TROUBLE DISPLAYED

- Enables the trouble LED to activate when an AC trouble condition is present

OFF - AC TROUBLE DISPLAYED

- Enables the trouble LED not to activate when an AC trouble is present. Although the trouble LED is not active, if the trouble mode is entered ([*][2]), the AC trouble will be indicated

TOGGLE OPTION#2

ON - TROUBLE LIGHT FLASHED IF AC FAILS

- Enables the trouble LED flash when an AC trouble condition is present
- Important Note: This option is only valid when Section [016], Toggle#1 is also enabled (AC Trouble Displayed)

OFF - TROUBLE LIGHT DOES NOT FOLLOW AC STATUS

- Enables the trouble LED to be solid when an AC trouble condition is present

TOGGLE OPTION#3

ON - BLANK KEYPAD WHEN NOT USED

- Enables the keypad to blank (all indicators) when no key presses are detected for 30 seconds

OFF - KEYPAD BLANKING DISABLED

- Enables the keypad to be active at all time
-

TOGGLE OPTION#4

ON - CODE REQUIRED TO REMOVE KEYPAD BLANKING

- Enables so that a valid code must be entered on a keypad to remove keypad blanking

OFF - NO CODE REQUIRED

- Enables so that any key press will remove keypad blanking

TOGGLE OPTION#5

ON - KEYPAD BACKLIGHTING IS ENABLED

- Enables the backlighting option on all keypads

OFF - KEYPAD BACKLIGHTING IS DISABLED

- Disables the backlighting on all keypads

TOGGLE OPTION#6

ON - POWER SAVE MODE ENABLED

- Enables all keypads to blank when there is an AC power loss. Purpose is to conserve battery power when AC power is not detected
- The keypad will restore when any key press is detected or when AC power is restored

OFF - POWER SAVE MODE DISABLED

- Enables all keypads to remain active even in the event in an AC power loss

TOGGLE OPTION#7

ON - BYPASS STATUS DISPLAYED WHILE ARMED

- Enables the keypad to activate the bypass LED/ICON while armed when a bypass is active

OFF - BYPASS STATUS NOT DISPLAYED WHILE ARMED

- Prevents the keypad from displaying the bypass LED/ICON while armed and zones are bypassed

TOGGLE OPTION#8

ON - KEYPAD TAMPERS ENABLED

- Enables all system keypads to supervise for keypad tampers

OFF - KEYPAD TAMPERS DISABLED

- Prevents all system keypads from supervising for keypad tampers

SECTION [017] – FIFTH SYSTEM OPTIONS

TOGGLE OPTION#1

ON – CHIME ON OPENING

- Zones with the door chime attribute enabled will activate the door chime when violated (opened)

OFF – NO CHIME ON OPENING

- Zones will not activate the door chime feature when the zone is violated (opened)

TOGGLE OPTION#2

ON – CHIME ON CLOSING

- Zones with the door chime attribute enabled will activate the door chime when secured (closed)

OFF – NO CHIME ON CLOSING

- Zones will not activate the door chime feature when the zone is secured (closed)

TOGGLE OPTION#3

ON – AUDIBLE RF JAM TROUBLE BEEPS

- The Keypad beeps if a RF Jam trouble is detected.

OFF – SILENT RF JAM TROUBLE BEEPS

- The Trouble is not announced via the keypad buzzer.

TOGGLE OPTION#4

ON – MULTI HIT ENABLED

- The Multi hit feature will be enabled. Two alarms from the same zone within the Cross Zone Timer will be a Valid Police Code or Cross Zone event. The system will report the event and log it to the buffer.
- Note: This feature only works with zones programmed as Interior, stay/away or night zone types

OFF – MULTI HIT DISABLED

- Two alarms from the same zone is not a valid Police Code or Cross zone event.

TOGGLE OPTION#5

ON – LATE TO CLOSE IS ENABLED

- The System logs and communicates a Late to close event when the Auto arm time occurs

OFF – LATE TO CLOSE IS DISABLED

- The System does not communicate or log a Late to close event.

TOGGLE OPTION#6

ON – DAYLIGHT SAVING TIME IS ENABLED

- Enables the Daylight Savings automatic clock adjustment feature.

OFF – DAYLIGHT SAVING TIME IS DISABLED

- The System does not automatically adjust the clock for Daylight Savings.

TOGGLE OPTION#7 – NOT USED

TOGGLE OPTION#8

ON – SQUAWK ON AWAY ARMING/DISARMING

- The System only squawks the bell when armed in the away mode.

OFF – SQUAWK ON ALL ARMING/DISARMING

- The System squawks the bell when armed in any mode. (See section [014] option 1)

SECTION [018] – SIXTH SYSTEM OPTIONS

TOGGLE OPTION#1

ON – TEST TRANSMISSION EXCEPTION ENABLED

- The system only transmits a Test Transmission if no other event was transmitted to the Central during the programmed time.

OFF – TEST TRANSMISSION EXCEPTION DISABLED

- The system always transmits a Test Transmission.

TOGGLE OPTION#2

ON – REAL TIME BYPASS REPORTING ENABLED

- When a non 24 HR zone is bypassed manually through [*][1], a signal is transmitted to the monitoring station

OFF – REAL TIME BYPASS REPORTING DISABLED

- Bypassed zones are only communicated when the system is armed (regardless of how it was bypassed)

TOGGLE OPTION#3 – NOT USED

TOGGLE OPTION#4 – NOT USED

TOGGLE OPTION#5

ON – KEYPAD BUZZER ALARM ENABLED

- The Keypad Buzzer follows the Bell output for all Alarms.

OFF – KEYPAD BUZZER ALARM DISABLED

- The System only activates the Bell output for all Alarms

TOGGLE OPTION#6 – NOT USED

TOGGLE OPTION#7

ON – EXIT DELAY RESTART ENABLED

- The system restarts the exit delay if a delay zone is violated and restored during the exit delay time. (Once only)

OFF – EXIT DELAY RESTART DISABLED

- The Exit delay does not restart.

TOGGLE OPTION#8

ON – AC TROUBLE BEEPS ENABLED

- The System activates the trouble beeps when an AC trouble is detected.

OFF – AC TROUBLE BEEPS DISABLED

- The System does not announce AC troubles using the keypad buzzer.

SECTION [019] – SEVENTH SYSTEM OPTIONS

TOGGLE OPTION#1

ON – AUDIBLE WIRELESS ZONE FAULT

- The bell output activates when a zone fault occurs while armed (except for life safety zones). This feature follows bell timeout.

OFF – WIRELESS ZONE FAULTS NOT AUDIBLE

- The bell output doesn't activate for zone fault trouble conditions.

TOGGLE OPTION#2

ON – LATCHING TROUBLES ENABLED

- Trouble conditions remain on the keypad unless [*][2] is viewed and exited with [#]

OFF – LATCHING TROUBLES DISABLED

- Trouble conditions clear as soon as they are restored

TOGGLE OPTION#3 – NOT USED

TOGGLE OPTION#4

ON – R-BUTTON

- If dial tone is not detected, the panel will flash the line and waits 20 seconds and searches for dial tone. If no dial tone is present the panel will force dial the monitoring station anyway.

OFF – R-BUTTON DISABLED

- The panel will not dial if dial tone is not detected.

TOGGLE OPTION#5

ON – AUDIBLE BUS FAULT ENABLED

- A Corbus Fault trouble condition will activate the siren

OFF – AUDIBLE BUS FAULT DISABLED

- A Corbus Fault trouble condition will not activate the siren

TOGGLE OPTION#6

ON – DURESS CODE ENABLED

- The Duress Code attribute is selectable in the [*][5] menu

OFF – DURESS CODE DISABLED

- The Duress Code attribute cannot be selected in the [*][5] menu

TOGGLE OPTION#7

ON – TEMPERATURE IN CELSIUS

- Temperature is displayed in Celsius on LCD keypads

OFF – TEMPERATURE IN FAHRENHEIT

- Temperature is displayed in Fahrenheit on LCD keypads

TOGGLE OPTION#8

ON – REMOTE RESET FOLLOWS POLICE CODE

- When this toggle option is enabled, remote reset will only be generated upon disarming when police code/sequential detection alarm was generated and logged in the previous armed state.

OFF – REMOTE RESET AFTER ONE ACTIVATION

- When this toggle option is disabled, any burglary alarm will generate remote reset upon disarming the partition.

SECTION [020] – EIGHTH SYSTEM OPTIONS

TOGGLE OPTION#1

ON – ACCESS CODE ENTRY BLOCKED DURING ENTRY DELAY

- The system can only be disarmed using a Keyswitch during entry delay

OFF – ACCESS CODE ENTRY DURING ENTRY DELAY

- The system can be disarmed with a user code during entry delay

TOGGLE OPTION#2

ON – EU ENTRY PROCEDURE

During entry delay, any alarms on burglary type zones are automatically delayed by 30 seconds before communicating to the monitoring station. This gives the user a chance to disarm the system in case of a false alarm. When entry delay is not active, burglary zones will react normally.

OFF – STANDARD ENTRY PROCEDURE

During entry delay, any alarms on burglary zones communicate immediately unless transmission delay is enabled.

TOGGLE OPTION#3

ON – [*][8] ACCESS WHILE ARMED

- Installer programming mode ([*][8]) can be accessed from a disarmed partition while other partition(s) are armed.

OFF – NO [*][8] ACCESS WHILE ARMED

- All partitions must be disarmed in order to access installer programming mode.

TOGGLE OPTION#4

ON – REMOTE RESET

- After an alarm occurs and the system is later disarmed, the system is locked out until a 4 digit reset code is entered (this code is provided by the central monitoring station). Duress code alarms do not lock out the system. A message on the keypad will display “Remote Reset RQD” and the 4 digit reset code will be displayed underneath, this code must be given to the central station in order to generate an unlock code. The installer can alternatively reset the system by entering installers programming and exiting.



Note: The DSC RRSP software is used to generate a unique unlock key for the remote reset.

OFF – REMOTE RESET DISABLED

- The system does not lock out after an alarm.

TOGGLE OPTION#5

ON – ENGINEER’S RESET

- After an alarm occurs, the ready indication is removed and the system cannot be armed until installer’s programming mode is entered and exited or if an engineer’s reset command is performed via DLS.

OFF – ENGINEER’S RESET DISABLED

- The system does not lock out after an alarm.

TOGGLE OPTION#6

ON – KEYSWITCH ARMING DURING ENTRY TIME ONLY

- Keyswitch and wireless keys can only disarm during entry time.

OFF – KEYSWITCH ARMING ANYTIME

- Keyswitch and wireless keys can disarm anytime

TOGGLE OPTION#7

ON – INSTALLER ACCESS AND DLS

- The user must enter [*][6][Master Code][5] before the installer can access installer programming mode or DLS. This activation lasts 6 hours and the installer can enter programming or DLS any number of times in this window.

OFF – STANDARD INSTALLER ACCESS AND DLS

- The installer can access installer programming without the user entering [*][6][Master code][5]

TOGGLE OPTION#8

ON – TROUBLES INHIBIT ARMING

- The following trouble conditions prevent the system from arming until restored:
 - Zone and module tampers, Corbus troubles, AC troubles on panel or modules, Any battery trouble, Any communication trouble and Bell troubles.

OFF – TROUBLES DON'T INHIBIT ARMING

- The system can be armed with any of the above trouble conditions present.

SECTION [021] – NINTH SYSTEM OPTIONS

TOGGLE OPTION#1

ON – KEYPAD BLANKING WHILE ARMED

- If enabled, when a trouble is present the keypad will react according to the following:
 - Armed and Blank = Will not show the trouble LED status.
 - Armed and Not Blank = Will show the trouble LED status.
 - Disarmed and Blank = Will show the trouble LED status
 - Disarmed and Not Blank = Will show the trouble LED status

OFF – KEYPAD BLANKING WHILE ARMED AND DISARMED

- If disabled, the keypad Trouble LEDs shall turn off when keypad blanking is active on the keypad in the armed or disarmed state.

TOGGLE OPTION#2

ON – KEYPAD BLANKING WHILE ARMED

- If keypad blanking is enabled, it is only active while the system is armed.

OFF – KEYPAD BLANKING WHILE ARMED AND DISARMED

- If keypad blanking is enabled, it will be active regardless if the system is armed or disarmed.

TOGGLE OPTION#3

ON – AUTO ARMING BYPASS

- All open zones at the end of automatic arming pre-alert are automatically force armed.

OFF – FORCE ARM ATTRIBUTE ONLY

- Only zones with force arm attribute enabled are bypassed automatically at the end of the automatic arming pre-alert time.

TOGGLE OPTION#4

ON – READY LED ACTIVE DURING BLANKING

- If enabled, the keypad Ready LEDs shall remain active when keypad blanking is active on the keypad.

OFF – READY LED NOT ACTIVE DURING BLANKING

- If disabled, the keypad Ready LEDs shall turn off when keypad blanking is active on the keypad.

TOGGLE OPTION#5

ON – PGM KEYPAD BLANKING

- If keypad blanking is enabled as well as keypad blanking when armed: all indicators are disabled while armed as well as any PGM's programmed to follow armed status. PGM's are reactivated when blanking is cleared by pressing any button.

OFF – PGM'S DON'T FOLLOW KEYPAD BLANKING

- PGM's are not affected by keypad blanking

TOGGLE OPTION#6

ON – STATUS DISPLAY DEACTIVATES

- The armed, ready and trouble light deactivate 30 seconds after the system has been armed and don't turn on until a button is pressed.

OFF – STATUS DISPLAY DOESN'T DEACTIVATE

- Keypad status LED's do not deactivate after arming.

TOGGLE OPTION#7

ON – OPEN CANCELS ARMING

- If enabled, during exit delay while the system is arming, an open zone that remains open until the exit delay expires will prevent the system from arming and display the message "the system has failed to arm".

OFF – OPEN DOESN'T CANCEL ARMING

- If disabled, any zones that are violated during exit delay and remain violated when the system fully arms will either create an alarm or entry delay (depending on the zone definition selected).

TOGGLE OPTION#8

ON – AUDIBLE EXIT DELAY FOR STAY ARMING

- When the System is armed in stay mode, during the exit time, the system will sound 1 beep every 3 seconds.

OFF – STAY ARMING SILENT

- When the System is armed in stay mode, the keypad will be silent during the exit time.

SECTION [022] – TENTH SYSTEM OPTIONS

TOGGLE OPTION#1

ON – [F] KEY BEEPS ONLY

- Fire Key will beep keypad 3 times when pressed.

OFF – [F] KEY BEEPS AND SOUND BELL

- Fire key will beep keypad and activate Bell when Pressed.

TOGGLE OPTION#2 – NOT USED

TOGGLE OPTION#3 – NOT USED

ON – TAMPER/FAULT DETECTION ENABLED

- Enables the following trouble conditions to count towards burglary verification when the system is armed:
 - TLM trouble, bell circuit trouble, zone fault, module supervisory trouble, alternate communicator fault and Ethernet trouble

OFF – TAMPER/FAULT DETECTION DISABLED

- Trouble conditions are processed normally and do not count towards burglary verification

TOGGLE OPTION#4

ON – TRANSMISSION COUNTER IN HOURS

- The system changes the Test Transmission Reporting Cycle from Days to Hours

OFF – TRANSMISSION COUNTER IN DAYS

- The Test Transmission Reporting Cycle is in Days

TOGGLE OPTION#5

ON – AWAY TO STAY TOGGLE DISABLED

- The user cannot switch from away to stay with the stay function key.

OFF – AWAY TO STAY TOGGLE ENABLED

- The user is allowed to switch from away mode to stay mode with the stay function key.

TOGGLE OPTION#6

ON – 2 WAY AUDIO WILL NOT DISCONNECT FOR A NEW EVENT.

- The system does not disconnect 2-way audio when a new event occurs. New events are transmitted only after the session is terminated.

OFF – 2 WAY AUDIO WILL DISCONNECT FOR A NEW EVENT

- The system disconnects a listen in 2-way audio session if a new event occurs.

TOGGLE OPTION#7

ON – TROUBLE BEEPS ARE SILENT

- The system does not activate the keypad buzzer for any trouble conditions excluding fire troubles.

OFF – TROUBLE BEEPS EVERY 10 SECONDS

- The System announces troubles via the keypad buzzer. (2 Beeps every 10 seconds)

TOGGLE OPTION#8

ON – KEYSWITCH ARM IN AWAY MODE

- Keyswitches will always arm in away mode

OFF – KEYSWITCH ARM IN AWAY OR STAY

- Keyswitches will arm in away mode if an entry/exit zone is violated otherwise it will arm in stay mode if stay/away zones are present.

SECTION [023] – ELEVENTH SYSTEM OPTIONS

TOGGLE OPTION#1

ON – READY LED FLASHES FOR FORCE ARM

- If a zone with the force arm attribute is violated, the ready LED flashes.

OFF – READY LED SOLID FOR FORCE ARM

- If a zone with the force arm attribute is violated, the ready LED stays solid.

TOGGLE OPTION#2 – NOT USED

TOGGLE OPTION#3

ON – TAMPER/FAULT DETECTION

- The following trouble conditions are processed as tampers on the trouble display and monitoring station:
 - TLM, Bell circuit trouble, Zone fault, Module Supervisory and Alternate communicator fault.

OFF – STANDARD TROUBLE DETECTION

- All trouble conditions are processed normally.

TOGGLE OPTION#4

ON – ACCESS CODE REQUIRED FOR [*][1]

- An access code is required to access the bypass menu.

OFF – NO ACCESS CODE REQUIRED FOR [*][1]

- No access code is required to access the bypass menu, just [*][1].

TOGGLE OPTION#5

ON – ACCESS CODE REQUIRED FOR [*][2]

- An access code is required to access the system trouble menu.

OFF – NO ACCESS CODE REQUIRED FOR [*][1]

- No access code is required to access the system trouble menu, just [*][2].

TOGGLE OPTION#6

ON – ACCESS CODE REQUIRED FOR [*][3]

- An access code is required to access the alarm memory menu.

OFF – NO ACCESS CODE REQUIRED FOR [*][3]

- No access code is required to access the alarm memory menu, just [*][3].

TOGGLE OPTION#7

ON – ACCESS CODE REQUIRED FOR [*][4]

- An access code is required to access the door chime command.

OFF – NO ACCESS CODE REQUIRED FOR [*][1]

- No access code is required to access the door chime command, just [*][4].

TOGGLE OPTION#8

ON – [*][6] ACCESSIBILITY

- Any access code can be used to access the [*][6] menu.

OFF – MASTER CODE REQUIRED FOR [*][6]

- Only the master code can be used to access the [*][6] menu.

SECTION [024] – TWELFTH SYSTEM OPTIONS

TOGGLE OPTION#1

ON – 50HZ AC

- Incoming AC power is rated for 50Hz.

OFF – 60HZ AC

- Incoming AC power is rated for 60Hz.

TOGGLE OPTION#2

ON – CRYSTAL TIMEBASE

- Control panel's time is kept with an internal crystal.

OFF – AC POWER TIMEBASE

- The AC frequency is used as the source of the time base.

TOGGLE OPTION#3

ON – AC/DC INHIBITS ARMING

- The system cannot be armed with an AC or DC trouble (panel or modules) present.

OFF – AC/DC DOESN'T INHIBIT ARMING

- The system can be armed regardless of AC or DC troubles.

TOGGLE OPTION#4

ON – TAMPERS INHIBIT ARMING

- Tamper must be restored through installer programming before the system can be armed.

OFF – TAMPERS DON'T INHIBIT ARMING

- Tamper troubles do not prevent the system from arming.

TOGGLE OPTION#5

ON – REAL-TIME CLOCK

- The system allows the alternate communicator to request the time at 4:05 pm or whenever the clock is lost.

OFF – REAL-TIME CLOCK DISABLED

- The system clock is programmed manually.

TOGGLE OPTION#6 – NOT USED

TOGGLE OPTION#7 – NOT USED

TOGGLE OPTION#8

ON – DLS DISCONNECT

- The panel will terminate a DLS connection for any communication event except for periodic tests (with or without trouble) and system test.

OFF – DLS DISCONNECT DISABLED

- The panel doesn't disconnect a DLS session except for during alarms.

SECTION [025] – THIRTEENTH SYSTEM OPTIONS

TOGGLE OPTION#1

ON – EUROPEAN DIAL

- Pulse dialing make/break ratio is 33/67

OFF – STANDARD DIAL

- Pulse dialing make/break ratio is 40/60

TOGGLE OPTION#2

ON – FORCE DIAL ENABLED

- The system will dial the monitoring station telephone number even if no dial tone is detected, the panel will hang up, search for dial tone for 5 seconds; if no dial tone is detected it will hang up for 20 seconds and search for dial tone for another 5 seconds. If no dial tone is detected at this point, the panel will dial.

OFF – FORCE DIAL DISABLED

- The panel will not dial if no dial tone is detected.

TOGGLE OPTION#3

ON – TEST TRANSMISSION IN MINUTES ENABLED

- When the option is on, the Periodic Test Transmission interval programmed in section [377][003] will be 000-255 minutes instead of 000-255 days or hours.
- **Note:** If both Test Transmission Interval in Minutes and Test Transmission Interval in Hours are enabled, [025][3] and [022][4], the Test Transmission Interval in Minutes shall take priority.

OFF – TEST TRANSMISSION IN MINUTES DISABLED

- When the option is off, the Periodic Test Transmission interval programmed in section [377][003] will be 000-255 days, or hours if option 4 in section [025] is enabled.

TOGGLE OPTION#4 – NOT USED

TOGGLE OPTION#5

ON – I.D. TONE ENABLED

- The system will emit a tone for 500 ms every two seconds to indicate that a digital equipment call is in progress.

OFF – I.D. TONE DISABLED

- The panel will not emit a tone while dialing.

TOGGLE OPTION#6

ON – 2100HZ ID TONE

- The system generates a 2100HZ tone for the I.D. tone

OFF – 1300HZ ID TONE

- The system generates a 1300HZ tone for the I.D. tone

TOGGLE OPTION#7

ON – 1 HOUR DLS WINDOW

- When the DLS window is enabled with [*][6][Master Code][5], it enables a 1 hour window for DLS access.

OFF – 6 HOUR DLS WINDOW

- When the DLS window is enabled with [*][6][Master Code][5], it enables a 6 hour window for DLS access.

TOGGLE OPTION#8

ON – FTC AUDIBLE BELL

- If a failure to communicate trouble occurs while the system is armed, the bell circuit activates for bell time-out or until disarmed.

OFF – FTC NOT AUDIBLE

- If a failure to communicate trouble occurs while the system is armed, only the trouble beeps activate.