

FBI XL-31 Program Sheet

- Enter Program** Press CODE key + * + 4612 + 1
- Options** Code + * + Installer Code + 1 = Enter Programming
 Code + * + Installer Code + 2 = Walk Test Mode (* to end)
 Code + * + Installer Code + 3 = Walk Test with Bell (* to end)
 Code + * + Installer Code + 4 = System Log (Event Buffer), * to end, BYPASS to clear
- Move to location** Press * + 2 digit location
- Program location** Press # after each digit and move to next location
Example: To program phone number enter 1#8#0#0# etc
- Exit Program** Press STAY
- Default Panel** 1. Short "EEPROM RESET" pins on panel and power up
 OR
 2. Press CODE key + * + 2468 + 1 and hold 1 & 3 at same time
- Hex Program** CODE+1 = A CODE+2 = B CODE+3 = C CODE+4 = D CODE+5 = E CODE+6 = F

***01 Primary Phone**

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12		

B = * C = 3 second pause A = End of Phone Number D = #

***02 Secondary Phone (Not Used)**

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12		

***03 Download Phone (Not Used)**

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12		

***04 PBX Prefix**

A	A	A	A										
L1	L2	L3	L4										

(AAAA = All Disabled)

***05 Dialer Information**

E	5	1	4										
L1	L2	L3	L4										

L1 Dialer Formats

- 0 3x1 Standard Format
- 1 4x1 Standard Format
- 2 3x1 Extended Format
- 3 4x1 Extended Format
- 4 3x1 Partial Extended
- 5 4x1 Partial Extended
- 6 3x2 Format
- 7 4x2 Format
- 8 FBI Superfast Format
- 9 Ademco 4x1 Express Format
- A Ademco 4x2 Express Format
- B Ademco High Speed (8 Channel)
- C Ademco High Speed (Dual Account)
- D Ademco High Speed (Duress Format)
- E Ademco Point ID Format (Contact ID)

L2 Receiver Type

- 0 10PPS 1400Hz No Parity
- 1 20PPS 1400Hz No Parity
- 2 40PPS 1400Hz No Parity
- 4 10PPS 2300Hz No Parity
- 5 20PPS 2300Hz No Parity
- 6 40PPS 2300Hz No Parity
- 8 10PPS 1400Hz Parity
- 9 20PPS 1400Hz Parity
- A 40PPS 1400Hz Parity
- C 10PPS 2300Hz Parity
- D 20PPS 2300Hz Parity
- E 40PPS 2300Hz Parity

L3 Pulse Type, System Test

- 0 US Pulse
- 1 Touch Tone
- 2 European Pulse
- 3 Superfast TouchTone
- 4 Dialer Disabled
- 8 US Pulse, Split Reporting
- 9 TouchTone, Split Reporting
- A European Pulse, Split Reporting
- B Superfast TouchTone, Split Reporting

L4 System Options

- 0 Zn 12 Slow, Restore after Bell
- 1 Zn 12 Slow, Restore follows Loop
- 4 Zn 12 Slow, Swinger, Restore after Bell
- 5 Zn 12 Slow, Swinger, Restore follows Loop
- 8 Zn 12 Fast, Restore after Bell
- 9 Zn 12 Fast, Restore follows Loop
- C Zn 12 Fast, Swinger, Restore after Bell
- D Zn 12 Fast, Swinger, Restore follows Loop

FBI XL-31 Program Sheet

*06 Keypad Conditions

| F | 0 | 6 | 7 |
L1 L2 L3 L4

L1 Keypad Emergency Conditions

- 8 Silent Panic, Silent Aux
- 9 Audible Panic, Silent Aux
- A Silent Panic, Audible Aux
- B Audible Panic, Audible Aux
- C Silent Panic, Silent Aux, * Reset Enable
- D Audible Panic, Silent Aux, * Reset Enable
- E Silent Panic, Audible Aux, * Reset Enable
- F Audible Panic, Audible Aux, * Reset Enable

L2 Phone Line Fail Option

- 0 Disable Phone Fail Detection
- 1 30 Sec Phone Fail, Bell on Fail
- 2 30 Sec Phone Fail, Sounder on Fail
- 3 30 Sec Phone Fail, Bell & Sounder on Fail
- 4 60 Sec Phone Fail
- 5 60 Sec Phone Fail, Bell on Fail
- 6 60 Sec Phone Fail, Sounder on Fail
- 7 60 Sec Phone Fail, Bell & Sounder on Fail
- 8 90 Sec Phone Fail
- 9 90 Sec Phone Fail, Bell on Fail
- A 90 Sec Phone Fail, Sounder on Fail
- B 90 Sec Phone Fail, Bell & Sounder on Fail
- C 120 Sec Phone Fail
- D 120 Sec Phone Fail, Bell on Fail
- E 120 Sec Phone Fail, Sounder on Fail
- F 120 Sec Phone Fail, Bell & Sounder on Fail

L3 Quick Commands

- 0 Quick Commands Disabled
- 1 Quick Force Arm/Bypass (# 2)
- 2 Quick Arm (# 1)
- 3 Quick Force Arm/Bypass, Quick Arm
- 4 Quick Commands Disabled, All Users Strike
- 5 Quick Force Arm/Bypass, Arm Only User 29
- 6 Quick Arm, Arm Only User 29
- 7 Quick Force Arm/Bypass, Quick Arm
Arm Only User 29
- 8 Quick Commands Disabled, All Users Strike
- 9 Quick Force Arm/Bypass, All Users Strike
- A Quick Arm, All Users Strike
- B Quick Force Arm/Byp, Quick Arm, All User Strike
- C Quick Commands Disabled, Arm User 29,
All Users Strike
- D Quick Force Arm/Bypass, Arm Only User 29
- E Quick Arm, Arm Only User 29, All Users Strike
- F Quick Force Arm/Bypass, Quick Arm, Arm Only User 29
All Users Strike

L4 CS Test Interval

- 0 24 Hour Test by Event
- 1 Weekly Test by Event
- 2 27 Day Test by Event
- 3 60 Day Test by Event
- 4 90 Day Test by Event
- 5 24 Hour Test by Time
- 6 Weekly Test by Time
- 7 27 Day Test by Time
- 8 60 Day Test by Time
- 9 90 Day Test by Time
- A Weekly Test by Time/Event
- B 27 Day Test by Time/Event
- C 60 Day Test by Time/Event
- D 90 Day Test by Time/Event

*07 Misc System Options

| 3 | 0 | 6 | 6 |
L1 L2 L3 L4

L1 Siren Driver/Bell Output

- 0 Bell Output (Internal Driver Disabled)
- 1 Steady Burg, Steady Fire
- 3 European Sweep Burg, Steady Fire
- 5 Steady Burg, Euro Sweep Fire
- 7 European Sweep Burg & Fire
- B European Sweep Burg, Steady Fire
- D Steady Burg, European Sweep Fire
- E Euro Burg, Sweep Fire
- F European Sweep Burg & Fire

L2 Auto Arming Options

- 0 Auto Arming Disabled
- 1 Auto Arm AWAY, No Audible Warning
- 3 Auto Arm AWAY, Audible Warning
- 5 Auto Arm INSTANT, No Audible Warning
- 7 Auto Arm INSTANT, Audible Warning
- 9 Auto Arm STAY, No Audible Warning
- B Auto Arm STAY, Audible Warning
- D Auto Arm INSTANT/STAY, No audible Warning
- F Auto Arm INSTANT/STAY, Audible Warning

L3 Code Required to for Options

- 0 Code Required to Set Time
- 1 Code Not Required to Set Time
- 2 Code Req. to Set Time, Auto-unbypass
- 3 Code Not Req. to Set Time, Auto-unbypass
- 4 Code Req. to Set Time, Armed Bypass Display
- 5 Code Not Req. to Set Time, Armed Bypass Display
- 6 Code Req for Time, Auto-unbypass, Armed Byp Disp
- 7 Code Not Req. for Time, Auto-unbyp, Armed Byp Disp

L4 Number of Rings for Download

- 0 Remote Downloading Disabled
- 1 5 Rings for Pickup
- 2 10 Rings for Pickup
- 3 15 Rings for Pickup
- 4 No Bypass Report on Stay, Download Disable
- 5 No Bypass Report on Stay, 5 Rings
- 6 No Bypass Transmit on Stay, 10 Rings
- 7 No Bypass Transmit on Stay, 15 Rings
- 8 Bell Test at Arm, Download Disable
- 9 Bell Test at Arm, 5 Rings
- A Bell Test at Arm, 10 Rings
- B Bell Test at Arm, 15 Rings
- C Bell Test, No Byp on Stay, Download Disable
- D Bell Test, No Bypass on Stay, 5 Rings
- E Bell Test, No Bypass on Stay, 10 Rings
- F Bell Test, No Bypass on Stay, 15 Rings

FBI XL-31 Program Sheet

*08 Account 1 |_|_|_|_|
 L1 L2 L3 L4

*09 Account 2 |_|_|_|_|
 L1 L2 L3 L4

*10 System Timeouts | 3 | 6 | 2 | F |
 L1 L2 L3 L4

L1 to L4 System Timeouts

- L1 = Entry Delay - 1 to F (x10 Second Increments, F=150 seconds)
- L2 = Exit Delay - 1 to F (x10 Second Increments, F = 150 seconds)
- L3 = Burg Timeout - 1 to F (x3 Minute Increments, F = Infinite)
- L4 = Fire Timeout - 1 to F (x3 Minute Increments, F = Infinite)

*11 Zone 1 Programming | ? | ? | 3 | 1 |
 L1 L2 L3 L4

*12 Zone 2 Programming | ? | ? | 3 | 2 |
 L1 L2 L3 L4

*13 Zone 3 Programming | ? | ? | 3 | 3 |
 L1 L2 L3 L4

*14 Zone 4 Programming | ? | ? | 3 | 4 |
 L1 L2 L3 L4

*15 Zone 5 Programming | ? | ? | 3 | 5 |
 L1 L2 L3 L4

*16 Zone 6 Programming | ? | ? | 3 | 6 |
 L1 L2 L3 L4

*17 Zone 7 Programming | ? | ? | 3 | 7 |
 L1 L2 L3 L4

*18 Zone 8 Programming | ? | ? | 3 | 8 |
 L1 L2 L3 L4

*19 Zone 9 Programming | ? | ? | 3 | 9 |
 L1 L2 L3 L4

*20 Zone 10 Programming | ? | ? | 3 | A |
 L1 L2 L3 L4

*21 Zone 11 Programming | ? | ? | 3 | B |
 L1 L2 L3 L4

*22 Zone 12 Programming | ? | ? | 3 | C |
 L1 L2 L3 L4

L1 Zone Supervision Type

- 0 EOL Supervised INTERIOR Zone
- 1 Normally Open (N/O) INTERIOR Zone
- 2 Normally Closed (N/C) INTERIOR Zone

- 4 EOL Supervised INSTANT Zone
- 5 Normally Open (N/O) INSTANT Zone
- 6 Normally Closed (N/C) INSTANT Zone

- 8 EOL Supervised 24hr Zone or Keyswitch
- 9 Normally Open (N/O) 24hr Zone or Keyswitch
- A Normally Closed (N/C) 24hr Zone or Keyswitch

- C EOL Supervised DELAY Zone
- D Normally Open (N/O) DELAY Zone
- E Normally Closed (N/C) DELAY Zone

L2 Zone Type

- 0 Burg Zone (No Other Options)
- 1 Restore
- 2 Day Zone
- 3 Restore, Day Zone
- 4 Chime
- 5 Restore, Chime
- 6 Day Zone, Chime
- 7 Restore, Day Zone, Chime
- 8 Dialer Delay
- 9 Restore, Dialer Delay
- A Day Zone, Dialer Delay
- B Restore, Day Zone, Dialer Delay
- C Chime, Dialer Delay
- D Restore, Chime Dialer Delay
- E Day Zone, Chime, Dialer Delay
- F Restore, Day, Chime, Dialer Delay

24 Hour Zones (if using type 8, 9 or A)

- 0 Audible 24Hr Alarm
- 1 Fire
- 2 Audible 24Hr Trouble
- 3 Keyswitch
- 4 Audible 24Hr Alarm, Restore
- 5 Fire, Restore
- 6 Audible 24Hr Trouble, Restore
- 8 Silent 24Hr Alarm
- A Silent 24Hr Trouble
- C Silent 24Hr Alarm, Restore

FBI XL-31 Program Sheet

- *23 Ambush/AC Loss | 7 | 7 | 4 | 4 |
L1 L2 L3 L4
- *24 Police Panic/Low Battery | 6 | 6 | 5 | 5 |
L1 L2 L3 L4
- *25 Opening/Closing/Test Code | A | A | A | A | A | A | A | A |
L1 L2 L3 L4 L5 L6 L7 L8
 L1 = Opening for Users 1 to 15
 L2 = Closing for Users 1 to 15
 L3 = 1st digit of Test Report Code
 L4 = 2nd Digit of Test Report Code
 L5 = Opening for Users 16 to 30
 L6 = Closings for Users 16 to 30
- *26 Bypass/Restore/Trouble/Tamper | A | A | 7 | A |
L1 L2 L3 L4
- *27 Keypad Fire/Medical Panics | 2 | 2 | 0 | 0 |
L1 L2 L3 L4
- *28 Test Time | A | A | A | A |
L1 L2 L3 L4
- *29 Triggers 1 & 2 | | | | |
L1 L2 L3 L4 (Normally leave alone)
- *30 Triggers 3 & 4 | | | | |
L1 L2 L3 L4 (Normally leave alone)

L1 to L4 Triggers

- | | |
|---------------------------------------|---------------------------------------|
| 00 Trigger Disabled | 0E Follows Low Battery |
| 01 Steady follows Burg Bell Timeout | 0F Follows Arming State |
| 02 Steady follows Fire Bell Timeout | 10 Follows any Zone Bypassed |
| 03 2 sec pulse follows Duress Code | 11 Follows Entry Time |
| 04 On w/Keypad Tamper, Off w/code | 12 Follows Exit Time |
| 05 Follows 24 hr Trouble KP Sounder | 13 Follows Instant Arming state |
| 06 Follows Fire Trouble KP Sounder | 14 Follows Stay Arming state |
| 07 Follows Day Trouble KP Sounder | 15 Follows Ready state |
| 08 24 Hr alarm (see botom notes) | 16 5 second pulse of Door Strike Code |
| 09 Keypad Fire (see botom notes) | 17 Follows Communication Failure LED |
| 0A Keypad Medical (see botom note) | 18 Follows Telephone Line Failure LED |
| 0B Keypad Panic (see botom notes) | 19 Follows Keypad Sounder |
| 0C Strobe, follows Arm LED til Disarm | 1A Ground Start (Trigger 1 only) |
| 0D Follows AC loss after 15 min delay | 1B Resets Latched Zones (Glassbreaks) |

(Audible = follows Bell; Silent = 2 second pulse)

- *00 Installer Code | 4 | 6 | 1 | 2 |
L1 L2 L3 L4

FBI LCD Keypad Programming

- | | | | |
|-------------------------------|-----------------|---------|---|
| *31 Zone 1 Alpha Description | Up to 12 Digits | 0 | Inserts Space, moves cursor one space right |
| *32 Zone 2 Alpha Description | Up to 12 Digits | CODE | Mose cursor left one space |
| *33 Zone 3 Alpha Description | Up to 12 Digits | INSTANT | Moves cursor right one space |
| *34 Zone 4 Alpha Description | Up to 12 Digits | 7 | Moves up through all characters |
| *35 Zone 5 Alpha Description | Up to 12 Digits | *7 | Scrolls rapidly up through all characters |
| *36 Zone 6 Alpha Description | Up to 12 Digits | 9 | Moves down through all characters |
| *37 Zone 7 Alpha Description | Up to 12 Digits | *9 | Scrolls rapidly down through all characters |
| *38 Zone 8 Alpha Description | Up to 12 Digits | STAY | Moves to next zone description |
| *39 Zone 9 Alpha Description | Up to 12 Digits | BYPASS | Moves to previous zone description |
| *40 Zone 10 Alpha Description | Up to 12 Digits | | |
| *41 Zone 11 Alpha Description | Up to 12 Digits | | |
| *42 Zone 12 Alpha Description | Up to 12 Digits | | |

FBI XL-31 Program Sheet

FBI XL-3 Zone Contact ID Codes (Enter as 1st digit of Report Code)

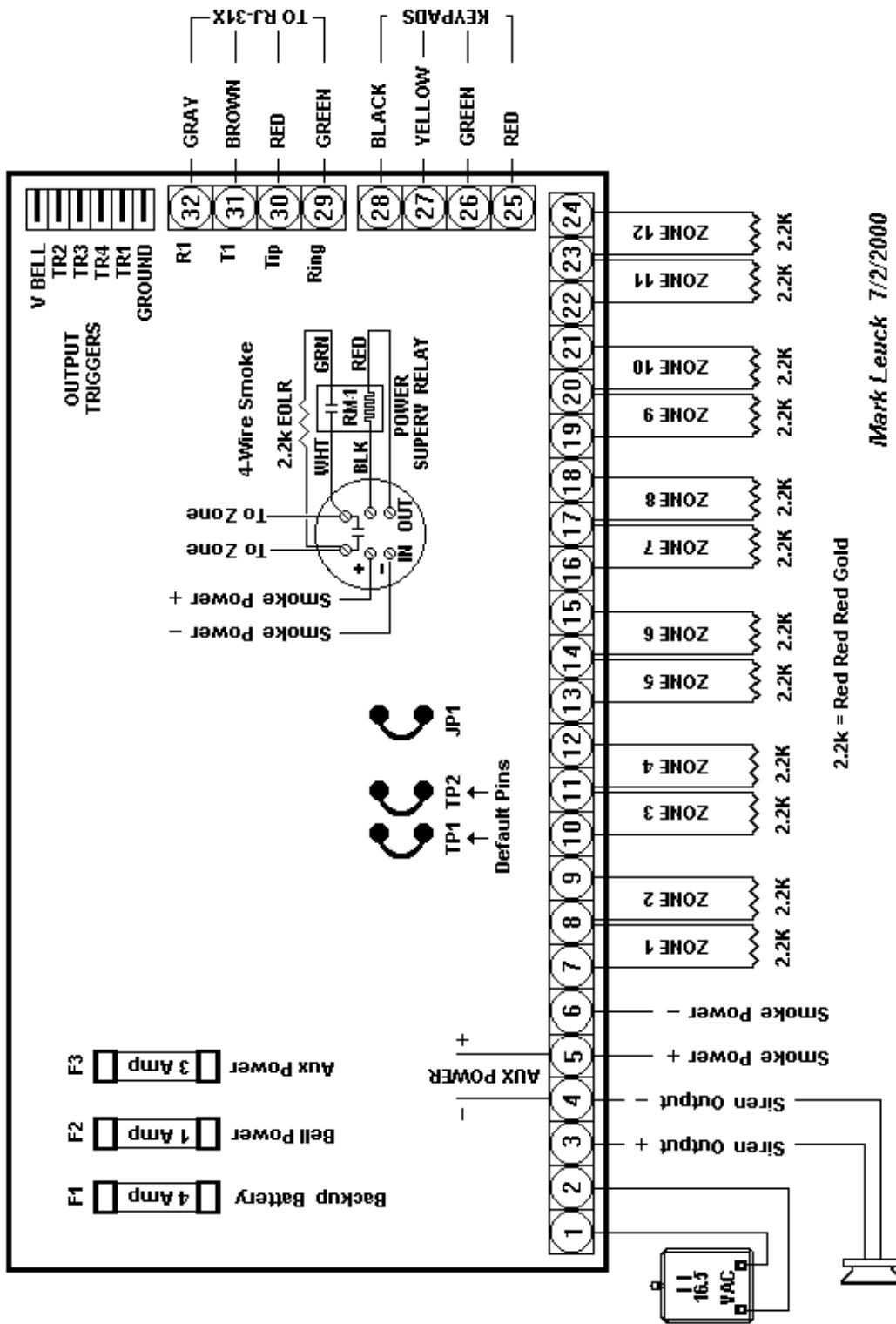
BURGLARY ZONES		FIRE ZONES		DAY/FIRE ZONES	
Use	Receiver Output	Use	Receiver Output	Use	Receiver Output
0	122 Silent Panic	0	110 Fire Alarm	0	133 24 Hour Alarm
1	123 Audible Panic	1	111 Smoke	1	135 Day/Night
2	130 Burglary	2	112 Combustion	2	137 Tamper
3	131 Perimeter	3	113 Water Flow	3	150 24 Hour Non-Burg
4	132 Interior	4	114 Heat Detector	4	155 Foil Break
5	133 24 Hour Alarm	5	115 Pull Station	5	300 System Trouble
6	134 Entry/Exit	6	116 Duct	6	Trouble
7	135 Day/Night	7	117 Flame	(Above is for XL-3 Only)	
8	136 Outdoor	8	140 General Alarm		
9	137 Tamper	9	150 24 Hour Non-Burg		
A	140 General Alarm	A	158 High Temperature		
B	144 Sensor Tamper	B	159 Low Temperature		
C	155 Foil Break	C	200 Fire Supervisory		
D	156 Day Trouble	D	201 Low H2O Pressure		
		E	202 Low CO		
		F	203 Gate Valve Sensor		
24 HOUR ZONE ALARM TYPES		24 HOUR ZONE TROUBLE TYPES			
Use	Receiver Output	Use	Receiver Output		
0	100 Medical	0	100 Medical		
1	101 Pendant Transmitter	1	122 Silent Panic		
2	120 Panic Alarm	2	123 Audible Panic		
3	122 Silent Panic	3	137 Tamper		
4	123 Audible Panic	4	150 24 Hour Non-Burg		
5	130 Burglary	5	153 Loss of Heat		
6	133 24 Hour Alarm	6	155 Foil Break		
7	135 Day/Night	7	156 Day Trouble		
8	137 Tamper	8	158 High Temperature		
9	140 General Alarm	9	159 Low Temperature		
A	150 24 Hour Non-Burg	A	300 System Trouble		
B	151 Gas Detected	B	301 AC Loss		
C	152 Refrigeration	C	302 Low System Battery		
D	153 Loss of Heat	D	310 Ground Fault		
E	154 Water Leakage	E	373 Fire Trouble		
F	155 Foil Break	F	380 Sensor Trouble		

FBI System and Panic Contact ID Codes (Enter 1st digit of Report Code from below list, 2nd digit doesn't matter)

Bypass		Restore/Trouble/Tamper		AC Loss	
Use	Receiver Output	Use	Receiver Output	Use	Receiver Output
0	570 Zone Bypassed	0	133 24Hr Alarm	0	133 24Hr Alarm
1	571 Fire Zone Bypassed	1	135 Day/Night	1	140 General Alarm
2	24Hr Zone Bypassed	2	137 Tamper	2	150 24Hr Non Burg
3	573 Burglary Zone Bypassed	3	150 24Hr Non Burg	3	300 System Trouble
4	574 Group Bypass	4	155 Foil Break	4	301 AC Loss
		5	156 Day Trouble		
	Cancel	6	300 system Troubles		
9	406 Cancel By User	7	373 Fire Trouble		
		8	380 Sensor Trouble		
		9	383 Sensor Tamper		
Ambush/Panics		Open/Close/Cancel			
Use	Receiver Output	Use	Receiver Output		
0	100 Medical Alarm	0	400 Open/Close		
1	101 Pendant Transmitter	1	401 Open/Close by User		
2	110 Fire Alarm	2	402 User Group		
3	111 Smoke	3	403 Auto Arm		
4	112 Combustion	4	404 Late To Open/Close		
5	117 Flame	5	405 Deferred Open/Close		
6	120 Panic Alarm	6	407 Remote Arm Open/Close		
7	121 Duress	7	408 Quick Arm Close		
8	122 Silent Panic	8	409 Keyswitch Open/Close		
9	123 Audible Panic				
A	130 Burglary				
B	133 24Hr Alarm				
C	140 General Alarm				
D	150 24Hr Non Burglary				
Test Codes					
Use	Receiver Output				
0	602 Normal Dialer Test				

	Low Battery
	0 133 24Hr Alarm
	1 140 General Alarm
	2 150 24Hr Non Burglary
	3 300 System Trouble
	4 302 Low System Battery
	5 309 Battery Test Fail
	AA Disables any Reporting

FBI XL-31 Program Sheet



Monitronics Monitoring and Service: 1-800-447-9239

FBI XL-31 Quick Reference Guide

Arm Away	Enter User Code, ARM light will turn on
Arm Stay	Press STAY + User Code When system is disarmed the motions will return to normal
Arm Instant	Press INSTANT + STAY + User Code All zones will return to normal when system is disarmed
Disarming / Silencing Alarm	Enter User Code If disarming after an alarm enter User Code again to clear any Alarm Displays
Zone Bypassing	Press BYPASS key + User Code + Zone to Bypass (01 to 12) To bypass more zones press BYPASS key then any other zone you wish to bypass Bypassed zones will return to normal when you arm then disarm your system
User Codes	Press CODE + Master Code Enter User to add or change (02 to 30) Enter new 4-digit User Code (keypad will beep indicating you have successfully entered the code) To delete a User Code repeat above steps except press * instead of entering a new User Code NOTE: The 1 st code is the Master code, the 30 th code is a Duress/Hostage code (if programmed)
Reset Smoke Detector	Enter User Code then *. The smoke detector will be reset after a few seconds
Trouble Indicators	if AC/LB light is OFF the AC power has failed if AC/LB light is FLASHING the backup battery is low and needs to recharge or be replaced
Door Chimes	Press # 6 to enable or disable
Panic Buttons	Press * and # for Police Panic Press 1 and 3 for Medical Panic (Fire and Medical Panics may not be enabled on some systems) Press 7 and 9 for Fire Panic If keypad has separate Police, Fire and Medical keys press both at same time to use