

REPORT CODES/ID DIGITS FOR ZONES 1-32

*54 CODE	*55 ID	*56 CODE	*57 ID
1 <input type="text"/>	<input type="text"/>	9 <input type="text"/>	<input type="text"/>
2 <input type="text"/>	<input type="text"/>	10 <input type="text"/>	<input type="text"/>
3 <input type="text"/>	<input type="text"/>	11 <input type="text"/>	<input type="text"/>
4 <input type="text"/>	<input type="text"/>	12 <input type="text"/>	<input type="text"/>
5 <input type="text"/>	<input type="text"/>	13 <input type="text"/>	<input type="text"/>
6 <input type="text"/>	<input type="text"/>	14 <input type="text"/>	<input type="text"/>
7 <input type="text"/>	<input type="text"/>	15 <input type="text"/>	<input type="text"/>
8 <input type="text"/>	<input type="text"/>	16 <input type="text"/>	<input type="text"/>

***58**

Alm/Supv Rst.

Trouble

Trble Rst.

Bypass

Bypss Rst.

***79 ZONE TYPE RESTORE ENABLE FOR ZONE TYPES 1-8**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
1	2	3	4	5	6	7	8

1=enable; [0=disable]

***80 ZONE TYPE RESTORE FOR TYPES 9 & 10**

9 10

1=enable; [0=disable]

SYSTEM NON ALARM CODES

***81** First Digit ***82** Second Digit

Close	<input type="text"/>	<input type="text"/>
Open	<input type="text"/>	<input type="text"/>
Low Battery	<input type="text"/>	<input type="text"/>
Low Bat Res.	<input type="text"/>	<input type="text"/>
AC Loss	<input type="text"/>	<input type="text"/>
AC Restore	<input type="text"/>	<input type="text"/>
Communicator Test	<input type="text"/>	<input type="text"/>
Power Up	<input type="text"/>	<input type="text"/>
Cancel	<input type="text"/>	<input type="text"/>
Prog. Tamper	<input type="text"/>	<input type="text"/>

Second digit of each code applies only to 4+2 or expanded (fields *52 & *53) formats.

***59 CODE *60 ID *61 CODE *62 ID**

17 <input type="text"/>	<input type="text"/>	25 <input type="text"/>	<input type="text"/>
18 <input type="text"/>	<input type="text"/>	26 <input type="text"/>	<input type="text"/>
19 <input type="text"/>	<input type="text"/>	27 <input type="text"/>	<input type="text"/>
20 <input type="text"/>	<input type="text"/>	28 <input type="text"/>	<input type="text"/>
21 <input type="text"/>	<input type="text"/>	29 <input type="text"/>	<input type="text"/>
22 <input type="text"/>	<input type="text"/>	30 <input type="text"/>	<input type="text"/>
23 <input type="text"/>	<input type="text"/>	31 <input type="text"/>	<input type="text"/>
24 <input type="text"/>	<input type="text"/>	32 <input type="text"/>	<input type="text"/>

***63**

Alm/Supv Rst.

Trouble

Trble Rst.

Bypass

Bypss Rst.

REPORT CODES/ID DIGITS FOR ZONES 33-64

*64 CODE	*65 ID	*66 CODE	*67 ID
33 <input type="text"/>	<input type="text"/>	41 <input type="text"/>	<input type="text"/>
34 <input type="text"/>	<input type="text"/>	42 <input type="text"/>	<input type="text"/>
35 <input type="text"/>	<input type="text"/>	43 <input type="text"/>	<input type="text"/>
36 <input type="text"/>	<input type="text"/>	44 <input type="text"/>	<input type="text"/>
37 <input type="text"/>	<input type="text"/>	45 <input type="text"/>	<input type="text"/>
38 <input type="text"/>	<input type="text"/>	46 <input type="text"/>	<input type="text"/>
39 <input type="text"/>	<input type="text"/>	47 <input type="text"/>	<input type="text"/>
40 <input type="text"/>	<input type="text"/>	48 <input type="text"/>	<input type="text"/>

***68**

Alm/Supv Rst.

Trouble

Trble Rst.

Bypass

Bypss Rst.

***83 FIRST TEST REPORT TIME**

[Day 00; hour 12; min 00] Days 01-07 Hours 00-23 Min 00-59; 00 in all boxes=instant (Day 01= Monday)

***84 SWINGER SUPPRESSION**

01-15 alarms [15]

***87 ENTRY WARNING**

1=continuous; 0=3 beeps [1]

***88 BURG. ALARM COMM. DELAY**

1=16 seconds; 0=no delay [0]

***89 RESTORE REPORT TIMING**

0=instant; 1=at corresponding bell timeout; 2=at disarm [0]

NOTE: When option "1" selected, a restore report is sent when any output (bells or aux. relay) times out.

***90 SCNDRY SUBSCRIBER ACCT #**

Enter 00-09; B-F (11-15) [15 15 15 15]

***69 CODE *70 ID *71 CODE *72 ID**

49 <input type="text"/>	<input type="text"/>	57 <input type="text"/>	<input type="text"/>
50 <input type="text"/>	<input type="text"/>	58 <input type="text"/>	<input type="text"/>
51 <input type="text"/>	<input type="text"/>	59 <input type="text"/>	<input type="text"/>
52 <input type="text"/>	<input type="text"/>	60 <input type="text"/>	<input type="text"/>
53 <input type="text"/>	<input type="text"/>	61 <input type="text"/>	<input type="text"/>
54 <input type="text"/>	<input type="text"/>	62 <input type="text"/>	<input type="text"/>
55 <input type="text"/>	<input type="text"/>	63 <input type="text"/>	<input type="text"/>
56 <input type="text"/>	<input type="text"/>	64 <input type="text"/>	<input type="text"/>

***73**

Alm/Supv Rst.

Trouble

Trble Rst.

Bypass

Bypss Rst.

REPORT CODES/ID DIGITS FOR ZONES 70-99 (Keypad panics & system zones)

*76 CODE	*77 ID	*78
NU <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> Alarm Rst.
NU <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> Trouble
NU <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> Trble Rst.
Dures <input type="text"/>	<input type="text"/>	<input type="text"/> Bypass
97 <input type="text"/>	<input type="text"/>	<input type="text"/> Bypss Rst.
95 <input type="text"/>	<input type="text"/>	
96 <input type="text"/>	<input type="text"/>	
99 <input type="text"/>	<input type="text"/>	

2nd Page Fields

ASSIGN RESPONSE TYPE FOR ZONES 28-64

1*01	1*02	1*03	1*04	1*05
28	33	41	49	57
29	34	42	50	58
30	35	43	51	59
31	36	44	52	60
32	37	45	53	61
	38	46	54	62
	39	47	55	63
	40	48	56	64

1*33 TOUCH-TONE W/ROTARY BACKUP [0]
1=enable; 0=disable

1*34 COMM. SPLIT REPORT SELECTION [0]
0=no; 1=alarms primary, others secondary;
2=open/close, test secondary, others primary

SYSTEM NON-ALARM CODES

	1*40 First Digit	1*41 Second Digit
Armed STAY	<input type="checkbox"/>	<input type="checkbox"/>
Time/Date set or event log reset	<input type="checkbox"/>	<input type="checkbox"/>
Event log 50% & 90% full	<input type="checkbox"/>	<input type="checkbox"/>
Event log overflow	<input type="checkbox"/>	<input type="checkbox"/>

1*43 ENABLE PERM. BACKLIGHT [0]
1=enable; 0=disable

1*45 ENABLE CONSOLE ANNUN. DURING EXIT DELAY [0]
1=enable; 0=disable

1*47 ENABLE CHIME ANNUN. ON BELL 1 [0]
1=enable; 0=disable

1*52 CANCEL REPORT RESTRICTION [0]
1=no restriction; 0=within bell timeout period only. If zone is mapped to more than one output, shortest timeout applies

1*53 DOWNLOAD CALLBACK [0]
1=callback not required; 0=callback required

EVENT LOGGING FIELDS

(Real time clock must be set: User code + [#] + 63)

1*70 EVENT LOG TYPES
1=enable logging; [0]=disable
Alrm & Fire Supv. Chck Byps O/C System

1*71 12/24 HOUR TIME STAMP FORMAT [0]
0=12 hour; 1=24 hour

1*72 EVENT LOG PRINTER ON-LINE MODE [0]
0=disable; 1=enable

1*73 PRINTER BAUD RATE 1=300; 0=1200 [0]

3rd Page Fields

3*10 RESPONSE TYPE ASSIGNMENT

70 Bell 1
71 Bell 2 [19]
72 Earth Gnd [19]
73 J2/IN 1 [19]
74 Dialer 1 [19]
75 Dialer 2
NU 0|0
NU 0|0

Response Types:
00 = Disabled zone
01 = Entry/Exit #1
02 = Entry/Exit #2
03 = Perimeter
04 = Interior Follower
05 = Day/Night
06 = 24 hour Silent Alarm
07 = 24 hour Audible Alarm
08 = 24 hour Auxiliary
09 = Fire w/o alarm verification
10 = Interior Delay
16 = Fire with alarm verification
17 = Fire Water Flow
18 = Fire Supervisory
19 = 24 hour Trouble

3*15 ALARM BELL SOUND [1,0]
0=pulsed; 1=steady
Bell 1 Bell 2

3*16 DELAY for ZONE TYPES 17 & 18 [00]
(Waterflow & Fire Supv) Enter 00-15 times 2 seconds

3*17 ALTERNATE FUNCTION (TAMPER) [0]
FOR ZONE 6 0=disabled; 1=enabled

3*19 ENABLE J2 HEADER PRINTER PORT [0]
0=pins 5&9 function as per field 3*20; 1=pins 5&9 act as printer RXD & DTR

3*20 TRIGGER OUTPUTS SELECTION [0]
0=LORRA full connection & Remote Console Sounder; 1=LORRA limited conn. & Keypress LEDs; 2=LORRA fire only conn. & 5140LED

3*21 MAX # OF DIALER RETRIES [8]
1-8 (3, 4 or 5 for NFPA71 compliant systems when a secondary phone number is programmed (field *34)

3*30 DIALER SELECTION [1,0]
1=enabled; 0=disabled
Main Backup

3*31 BACKUP DIALER TOUCHTONE/ROTARY [0]
1=TouchTone; 0=Rotary

REPORT CODES/ID DIGITS FOR ZONES 70-77

3*40 CODE	3*41 ID	3*42
70	<input type="checkbox"/>	<input type="checkbox"/> Alarm Rst.
71	<input type="checkbox"/>	<input type="checkbox"/> Trouble
72	<input type="checkbox"/>	<input type="checkbox"/> Trble Rst.
73	<input type="checkbox"/>	<input type="checkbox"/> Bypass
74	<input type="checkbox"/>	<input type="checkbox"/> Bypss Rst.
75	<input type="checkbox"/>	
76	<input type="checkbox"/>	
77	<input type="checkbox"/>	

3*50 ZONE TYPE RESTORE ENABLE FOR ZONE TYPES 16-18
16 17 18

NON-ALARM CODES	3*51 First Digit	3*52 Second Digit
Fire/Burg. Walk Test Start	<input type="checkbox"/>	<input type="checkbox"/>
Fire/Burg. Walk Test End	<input type="checkbox"/>	<input type="checkbox"/>

3*57 BELL 2 & Aux. RELAY CONFIRM ARM DING
1=enable; [0]=disable
Bell 2 Aux

3*58 BELL 2 & Aux. RELAY AC POWER LOSS ALARM
1=yes; [0=no]
Bell 2 Aux

3*59 ENABLE BELL 2 & Aux. RELAY CHIME ANNUNCIATION
1=enable; [0]=disable
Bell 2 Aux

3*60 BELL 2 & AUX. RELAY TIMEOUT
 00-15 times 2 minutes; 00=no timeout [00, 00] Bell 2 Aux

3*61 AUX. RELAY FUNCTION [1]
 0=Trouble/supervisory; 1=Alarm, silenced by code + OFF
 2=Smoke Detector Reset; 3=Battery Save; 4=Alarm, silenced by code + [#] + 67

BELL 1, BELL 2 & AUX. RELAY ACTIVATION
 These fields apply to the Aux. Relay only if alarm function is enabled in field 3*61.

BELL/RELAY ACTIVATION CODES: 0=none; 1=Bell 1; 2=Bell 2; 3=Bell 1 & 2; 4=Aux. Relay; 5=Bell 1 & Relay; 6=Bell 2 & Relay; 7=Bells 1 & 2 & Relay

3*70
 ZONES: 1 [6] 2 [6] 3 [5] 4 [5] 5 [5] 6 [5] 7 [5] 8 [5]

3*71
 ZONES: 9 10 11 12 13 14 15 16

3*72
 ZONES: 17 18 19 20 21 22 23 24

3*73
 ZONES: 25 26 27 28 29 30 31 32

3*74
 ZONES: 33 34 35 36 37 38 39 40

3*75
 ZONES: 41 42 43 44 45 46 47 48

3*76
 ZONES: 49 50 51 52 53 54 55 56

3*77
 ZONES: 57 58 59 60 61 62 63 64

3*78
 ZONES: 0 0 0 0 0 70 71 72

3*79
 ZONES: 73 74 75 0 0 0 0 0

3*81
 ZONES: 0 0 0 0 0 95 96 99

3*82 ENABLE BURG. FEATURES [1]
 1=enable; 0=disable; "0" disables AWAY, STAY, MAX, TEST, INSTANT & CHIME functions

3*85 ENABLE FIRE & SYSTEM ZONE BYPASS [1]
 0=not enabled; 1=only installer can bypass; 2=only installer & master user can bypass. Applies to fire zone types 9, 16, 17 & 18 and system zones 70-77.

PROGRAMMING GUIDE

COMMAND FUNCTIONS

To enter program mode:
 enter installer code + [8] + [0] + [0]

To set standard defaults:
 press *97

To set communication defaults:
 press *94 + one of the following: *80=low speed;
 *81=Ademco Express; *82=Ademco High Speed;
 *83=Ademco's Contact ID

To change to next page of program fields:
 press *94

To return to previous page of fields:
 press *99

To erase account & phone number data entries:
 press [*] + field number + [*]

To exit program mode:
 press *99 OR *98: *99 allows re-access to programming mode by installer code. *98 prevents re-access to programming mode by installer code.

PROGRAM FIELD GROUPS

- A. ASSIGN RESPONSE TYPES FOR ZONES
Fields *02-*05, 1*01-1*05 & 3*10
- B. SOUNDER, BELL & AUXILIARY RELAY OPTIONS
Fields *13, *16, *23, 1*47, 3*15, 3*57, 3*59-3*61
- C. BELL 1, BELL 2 & AUXILIARY RELAY ACTIVATION
Fields 3*70-3*81
- D. EXIT/ENTRY DELAYS & ACCESS OPTIONS
Fields *00, *09-*12, *15, *29, *87, 1*45
- E. MISCELLANEOUS SYSTEM OPTIONS
Fields *17-*19, *24, *25-*28, *38, *41, *83, 1*43, 3*16-3*20, 3*58, 3*82, 3*85
- F. PHONE LINE & COMMUNICATOR OPTIONS
Fields *30-*34, *42-*53, *84, *88-*90, 1*33, 1*34, 1*52 3*30, 3*31
- G. ALARM REPORT CODES
Fields *54-*78, 3*40-3*42
- H. SYSTEM NON-ALARM CODES
Fields *81, *82, 1*40, 1*41, 3*51, 3*52
- I. ZONE TYPE RESTORE ENABLES
Fields *79, *80, 3*50
- J. OPEN/CLOSE REPORT ENABLES
Fields *39, *40
- K. EVENT LOGGING OPTIONS
Fields 1*70-1*73
- L. DOWNLOADING OPTIONS
Fields *35-*37, *44, 1*53