

***51 DUAL REPORTING**

1=Yes; [0=No] If used with Split Reporting "1" option(1*34), alarms go to both primary and secondary numbers, while all other reports go to secondary only. if used with Split Reporting "2" option, open/close and test messages go to both lines, while all other reports go to primary.



***52 STANDARD/EXPANDED REPORT FOR PRIMARY**



Alarm Rstr Bypass Trbl Opn/Cls Low Bat
[0=Standard]; 1=expanded; Note: Expanded overrides 4+2 format.

***53 STANDARD/EXPANDED REPORT FOR SECONDARY**



Alarm Rstr Bypass Trbl Opn/Cls Low Bat
[0=Standard]; 1=expanded; Note: Expanded overrides 4+2 format.

ALARM REPORT CODE & ID DIGITS FOR ZONES 1-32 & SUPERVISORY & RESTORE CODES

[All codes default to 00]

*54 Code	*55 ID	*56 Code	*57 ID	*58		*59 Code	*60 ID	*61 Code	*62 ID	*63					
1	00	00	9	00	00	00	Alarm Rst.	17	00	00	25	00	00	00	Alarm Rst.
2	00	00	10	00	00	00	Trouble	18	00	00	26	00	00	00	Trouble
3	00	00	11	00	00	00	Trouble Rst.	19	00	00	27	00	00	00	Trouble Rst.
4	00	00	12	00	00	00	Bypass	20	00	00	28	00	00	00	Bypass
5	00	00	13	00	00	00	Bypass Rst.	21	00	00	29	00	00	00	Bypass Rst.
6	00	00	14	00	00			22	00	00	30	00	00		
7	00	00	15	00	00			23	00	00	31	00	00		
8	00	00	16	00	00			24	00	00	32	00	00		

ALARM REPORT CODE & ID DIGITS FOR ZONES 33-64 & SUPERVISORY & RESTORE CODES

[All codes default to 00]

*64 Code	*65 ID	*66 Code	*67 ID	*68		*69 Code	*70 ID	*71 Code	*72 ID	*73					
33	00	00	41	00	00	00	Alarm Rst.	49	00	00	57	00	00	00	Alarm Rst.
34	00	00	42	00	00	00	Trouble	50	00	00	58	00	00	00	Trouble
35	00	00	43	00	00	00	Trouble Rst.	51	00	00	59	00	00	00	Trouble Rst.
36	00	00	44	00	00	00	Bypass	52	00	00	60	00	00	00	Bypass
37	00	00	45	00	00	00	Bypass Rst.	53	00	00	61	00	00	00	Bypass Rst.
38	00	00	46	00	00			54	00	00	62	00	00		
39	00	00	47	00	00			55	00	00	63	00	00		
40	00	00	48	00	00			56	00	00	64	00	00		

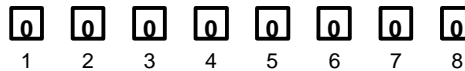
ALARM REPORT CODE & ID DIGITS FOR RF RCVRs & PANICS, & THEIR SUPV. & RESTORE

CODES [All codes default to 00]

*74 Code	*75 ID	*76 Code	*77 ID	*78			
NU	00	00	89	00	00	00	Alarm Rst.
NU	00	00	90	00	00	00	Trouble
NU	00	00	91	00	00	00	Trouble Rst.
NU	00	00	Duress	00	00	00	Bypass
NU	00	00	97	00	00	00	Bypass Rst.
NU	00	00	95	00	00		(1 + */A)
87	00	00	96	00	00		(3 + #/C)
88	00	00	99	00	00		(* + #/B)

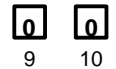
***79 ZONE TYPE RESTORE for TYPES 1-8**

1=Enable; [0=Disable]



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

1=Enable; [0=Disable]



SYSTEM NON-ALARM CODES

	*81 First Digit	*82 Second Digit	
Close	00	00	Second digit of each applies only to 4+2 or expanded (fields *52 & *53) formats
Open	00	00	
Low Battery	00	00	
Low Bat Res.	00	00	
AC Loss	00	00	
AC Restore	00	00	
Test	00	00	
Power	00	00	
Cancel	00	00	
Prog. tamper	00	00	

NOTES: 97 = Poll Loop Short; 88 & 90= RCVR not receiving transmitter signals. 89 & 91= RCVR not responding, bad conn. to panel.

***83 FIRST TEST REPORT TIME**
 [Day00: hour 12; min 00] Days 01-07 Hours 00-23 Min 00-59;
 00 in all boxes = instant (Day 01 = Monday)

***84 SWINGER SUPPRESSION**
 0-15 alarms [15]; Must be "00" (disabled) for UL.

***86 ZONE EXPANDER DEVICE**
 1 = only one 4208 installed for zones 10-17;
 [0 = more than one 4208 or other devices]

***87 ENTRY WARNING** [1=Continuous]; 0=3 Beeps

***88 BURGL. ALARM COMM. DELAY**
 1=16 seconds; [0=no delay]

***89 RESTORE REPORT TIMING**
 [0= instant, as zone restores]; 1=after bell timeout if zone restored;
 2=when system is subsequently disarmed

***90 SECONDARY SUBSCRIBER ACCOUNT #**
 Enter 00-09; B-F(11-15) [15 15 15 15]

SECOND PAGE FIELDS (*94)

1*00 OPEN/CLOSE REPORT ENABLE
 1=Yes, [0=No]
 USER 17 18 19 20 21 22 23-70

ASSIGN RESPONSE TYPES FOR ZONES 28-89

1*01	1*02	1*03	1*04	1*05
28 <input type="text" value="0"/> <input type="text" value="0"/>	33 <input type="text" value="0"/> <input type="text" value="0"/>	41 <input type="text" value="0"/> <input type="text" value="0"/>	49 <input type="text" value="0"/> <input type="text" value="0"/>	57 <input type="text" value="0"/> <input type="text" value="0"/>
29 <input type="text" value="0"/> <input type="text" value="0"/>	34 <input type="text" value="0"/> <input type="text" value="0"/>	42 <input type="text" value="0"/> <input type="text" value="0"/>	50 <input type="text" value="0"/> <input type="text" value="0"/>	58 <input type="text" value="0"/> <input type="text" value="0"/>
30 <input type="text" value="0"/> <input type="text" value="0"/>	35 <input type="text" value="0"/> <input type="text" value="0"/>	43 <input type="text" value="0"/> <input type="text" value="0"/>	51 <input type="text" value="0"/> <input type="text" value="0"/>	59 <input type="text" value="0"/> <input type="text" value="0"/>
31 <input type="text" value="0"/> <input type="text" value="0"/>	36 <input type="text" value="0"/> <input type="text" value="0"/>	44 <input type="text" value="0"/> <input type="text" value="0"/>	52 <input type="text" value="0"/> <input type="text" value="0"/>	60 <input type="text" value="0"/> <input type="text" value="0"/>
32 <input type="text" value="0"/> <input type="text" value="0"/>	37 <input type="text" value="0"/> <input type="text" value="0"/>	45 <input type="text" value="0"/> <input type="text" value="0"/>	53 <input type="text" value="0"/> <input type="text" value="0"/>	61 <input type="text" value="0"/> <input type="text" value="0"/>
	38 <input type="text" value="0"/> <input type="text" value="0"/>	46 <input type="text" value="0"/> <input type="text" value="0"/>	54 <input type="text" value="0"/> <input type="text" value="0"/>	62 <input type="text" value="0"/> <input type="text" value="0"/>
	39 <input type="text" value="0"/> <input type="text" value="0"/>	47 <input type="text" value="0"/> <input type="text" value="0"/>	55 <input type="text" value="0"/> <input type="text" value="0"/>	63 <input type="text" value="0"/> <input type="text" value="0"/>
	40 <input type="text" value="0"/> <input type="text" value="0"/>	48 <input type="text" value="0"/> <input type="text" value="0"/>	56 <input type="text" value="0"/> <input type="text" value="0"/>	64 <input type="text" value="0"/> <input type="text" value="0"/>

1*06-1*07 NOT USED

1*08	1*09
NU <input type="text" value="0"/> <input type="text" value="0"/>	89 <input type="text" value="0"/> <input type="text" value="0"/> 2nd RCVR
NU <input type="text" value="0"/> <input type="text" value="0"/>	90 <input type="text" value="0"/> <input type="text" value="0"/> 1st RCVR
NU <input type="text" value="0"/> <input type="text" value="0"/>	91 <input type="text" value="0"/> <input type="text" value="0"/> 1st RCVR
NU <input type="text" value="0"/> <input type="text" value="0"/>	
NU <input type="text" value="0"/> <input type="text" value="0"/>	
87 <input type="text" value="0"/> <input type="text" value="0"/> 4284 Voice Module SUPV	
88 <input type="text" value="0"/> <input type="text" value="0"/> 2nd RCVR	

For UL applications, use of 1 or 2 RF RCVRs requires enabling their respective faults (88-91) as applicable (type 5).
 NOTES: 88 & 90 = RCVR not receiving transmitter signals.
 89 & 91 = RCVR not responding, bad conn. to panel.

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
07 = 24-HOUR AUDIBLE ALARM	08 = 24-HOUR AUXILIARY
09 = FIRE	10 = INTERIOR, DELAY

CURRENT LCD DISPLAY FOR THIS SYSTEM

****DISARMED****
READY TO ARM

DESIGNATE RIGHT LOOP Zones 33-64:

Enter [0 = no]; 1 = yes

1*10	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
ZONES:33	34	35	36	37	38	39	40
1*11	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
ZONES:41	42	43	44	45	46	47	48
1*12	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
ZONES:49	50	51	52	53	54	55	56
1*13	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
ZONES:57	58	59	60	61	62	63	64

SELECTION OF WIRELESS FOR ZONES 1-63

Enter "1" to enable a zone as wireless; 0=non-wireless

1*18	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
ZONES: 1	2	3	4	5	6	7	8
1*19	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
ZONES: 9	10	11	12	13	14	15	16
1*20	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
ZONES:17	18	19	20	21	22	23	24
1*21	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
ZONES:25	26	27	28	29	30	31	32
1*22	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
ZONES:33	34	35	36	37	38	39	40
1*23	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
ZONES:41	42	43	44	45	46	47	48
1*24	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
ZONES:49	50	51	52	53	54	55	56
1*25	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
ZONES:57	58	59	60	61	62	63	

1*26 FIRST RF RECEIVER SELECT
 1=Yes; [0=No]

1*27 SECOND RF RECEIVER SELECT
 1=Yes; [0=No]

1*28 RF TRANSMITTER LOW BATTERY ANNUN.
 1=Immediate; [0=when disarmed]; Must be "1" for UL.

1*29 RF TRANSMITTER LOW BAT REPORT ENABLE
 1=Enable; [0=Disable] Must be "1" for UL.

1*30 RF RECEIVER SUPERVISION CHECK-IN INTERVAL
 02-15 times 2 Hours;
 00 disables supervision [6] Max. "6" (12 hr) for UL.
 1=Immediate;[0=when disarmed]; Must be "1" for UL.

1*31 RF TRANSMITTER CHECK-IN INTERVAL
 02-15 times 2 Hours;
 00 disables supervision [12] Max. "6" (12 hr) for UL.

1*32 RF RECEIVER TYPE

1*33 TOUCH-TONE W/ROTARY BACKUP ENABLE
 1=Enable; [0=Disable]

1*34 COMM. SPLIT REPORT SELECTION
 [0=No]; 1=Alarms primary, others secondary;
 2=Open/close, test secondary, others primary; See *51 for comments

1*35- 1*39 NOT USED

ARMED STAY DIALER REPORT

1*40 1*41

First Digit Second digit

Armed Stay

00

00

This report will be sent for any low speed format.

If ADEMCO high speed is used, a normal closing report will be sent.

If Contact ID is used, a new code, R441, will be sent. 685 Receivers that do not have revision 4.5 or higher will print an error message in place of the english text.

1*44 RF KEYPAD TAMPER DETECT

1=Yes; [0=No]

0

1*45 ENABLE CONSOLE ANNUNCIATION.
DURING EXIT DELAY

1=Enable; [0=Disable]

0

1*46 AUXILIARY OUTPUT ENABLE

0=Ground start; 1=Open/close trigger; 2=Console Sounding;

0

1*47 ENABLE CHIME ANNUNCIATION ON
EXTERNAL ALARM SOUNDER

1=Enable; [0=Disable]

0

1*48 WIRELESS KEYPAD DISABLE

1=Disable; [0=Enable]

0

1*49 SUPPRESS TROUBLE SOUNDER FOR RF
SUPERVISION

[1=Disable]; 0=Enable. Must be "0" for UL.

1

1*50 BABYSITTER CODE

1=Enable; [0=Disable]; (User 22)

0

1*51 4281 HOUSE ID Enter 01-31

00

1*52 CANCEL REPORT RESTRICTION

1=No restriction; [0=Within Bell Timeout period only]

0

1*53 DOWNLOAD CALLBACK

1=callback not required;
[0=callback required]; Must be "0" for UL.

1

1*54 HIGH SECURITY MODE

1=6 digit high security; [0=4 digit normal]

0

1*66 4284 VOICE MODULE

ACCESS CODE [00,11]

1=Enter 01-09 for 1st digit; 11 (for *) or 12 (for #) for 2nd digit
To disable voice module, enter 1st digit = 00 & 2nd digit = 11

00

11

SUMMARY OF PROGRAMMING COMMANDS

To enter program mode, enter installer code + [8] + [0] + [0]. Enter first field address to begin programming.

To set standard defaults, press *97

To set communications 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 second page of program fields, press *94

To return to 1st page of fields press *99

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

To assign zone descriptors press *93 + zone number

To add custom words, press *93 + 00 + word number (1-20)

To enter Installer's Message, press *93 + 00 + 00

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

Default values are shown in brackets []; otherwise default = 0

HEXADECIMAL TO NUMERIC ENTRY CONVERSION

0=10 (REPORT CODES)

0=00 (SUBS ID, PABX OR DOWNLOAD ID)

1=01, 2=02, 3=03, 4=04, 5=05, 6=06, 7=07, 8=08, 9=09,

B=11, C=12, D=13, E=14, F=15,

A=10 (DOWNLOAD ID ONLY)