

Ademco via 30 PROGRAMMING FORM

FIELD FUNCTION **PROGRAMMED VALUES** [] = Default Value

SYSTEM ARMING (*20-*25)

- *20 MASTER CODE Enter 4 digits, 0-9...[4] [1] [1] [1]
- *21 QUICK ARM ENABLE † [0 = no]; 1 = yes
- *22 RF SYSTEM TYPE [0 = none]; 1 = 5700 (4281); 2 = 5800 (5881)
- *23 FORCED BYPASS FUNCTION † [0 = none]; 1 = bypass open zones
- *24 RF HOUSE ID CODE [0][0] MUST enter (01-31) for 5700 System; Enter also for 5827 keypad.
- *25 WIRED EXPANSION/RELAY USED † [0 = none]; 1 = 4219; 2 = 4229; 3 = 4204

ZONE SOUNDS AND TIMING (*28-*38)

- *28 SINGLE ALARM SOUNDING/ZONE † [0 = no]; 1 = yes
- *29 FIRE SOUNDER TIMEOUT DISABLE † [0 = no]; 1 = yes
- *30 ALARM BELL TIMEOUT † 0 = none; [1 = 4 min]; 2 = 8 min; 3 = 12 min
- *38 ENTRY DELAY † 0 = 0 sec ; 1 = 20 sec; [2 = 30 sec]; 3 = 45 sec
EXIT Delay = ENTRY Delay + 15 sec

DIALER PROGRAMMING (*40-*50)

- *40 PABX ACCESS CODE Enter 4 digits, 0-9. If fewer than 4 digits entered, exit by pressing * (and press 41, if entering next field). To clear entries from field, press *40*.
- *41 PRIMARY PHONE No. Enter up to 12 digits, 0-9. Do not fill unused spaces. If fewer than 12 digits entered, exit by pressing * (and press 42, if entering next field). To clear entries from field, press *41*.
- *42 SECONDARY PHONE No. Enter up to 12 digits, 0-9. Do not fill unused spaces. If fewer than 12 digits entered, exit by pressing * (and press 43, if entering next field). To clear entries from field, press *42*.
- *43 SUBSCRIBER ACCT No. Enter 0-9; #+11 for B; #+12 for C; #+13 for D; #+14 for E; [#+15 for F]. Enter * as 4th digit, if 3+1 dialer reporting is to be used. If only 3 digits used, exit by pressing * (and press next field). To clear entries from field, press *43*.

Examples: For Acct No. 1234, enter:
 For Acct No. B234, enter:
 For Acct No. 123, enter:

- *45 PHONE SYSTEM SELECT † If Cent. Sta. IS NOT on a WATS line: [0 = Pulse Dial]; 1 = Tone Dial
If Cent. Sta. IS on a WATS line: 2 = Pulse Dial; 3 = Tone Dial

- *46 REPORT FORMAT
 [0 = 3+1, 4+1 ADEMCO L/S STANDARD] 6 or undefined = 4+2 ADEMCO EXPRESS
 1 = 3+1, 4+1 RADIONICS STANDARD 7 = ADEMCO CONTACT ID REPORTING
 2 = 4+2 ADEMCO L/S STANDARD 8 = 3+1, 4+1 ADEMCO L/S EXPANDED
 3 = 4+2 RADIONICS STANDARD 9 = 3+1, 4+1 RADIONICS EXPANDED

- *47 SPLIT/DUAL REPORTING [0 = Disable (Backup report only)]

<u>TO PRIMARY</u>	<u>TO SECONDARY</u>
1 = Alarms, Restore, Cancel	Others
2 = All except Open/Close, Test	Open/Close, Test
3 = Alarms, Restore, Cancel	All
4 = All except Open/Close, Test	All
5 = All	All

- *48 15 SEC DIALER DELAY (BURG) † [0 = no]; 1 = yes
- *49 PERIODIC TEST MESSAGE † [0 = none]; 1 = 24 hours; 2 = weekly (enter Test Code in field *64)
- *50 SESCOA/RADIONICS SELECT † [0 = Radionics (0-9, B-F reporting)]; 1 = SESCOA (0-9 only reporting)
Select 0 for all other formats.
- *51 CONFIRMATION OF ARMING DING † [0 = no]; 1 = yes

† Entry of a number other than one specified will give unpredictable results.

* 56 ZONE ASSIGNMENT/ALARM REPORT CODES (See explanation on next page) →

ZONE DESCRIPTION	ZONE No. (Zn)	ZONE TYPE (ZT)	ALARM RPT CODE (Hex) (RC)	INPUT DEVICE (In)	LEARNED RF INPUT (L)
------------------	---------------	----------------	---------------------------	-------------------	----------------------

ZONES ON CONTROL:

Zones 1-4 are not present

Wired Zone 5	0 5			HW	—
Wired Zone 6	0 6			HW	—
Console Panic (* & #)	0 7			—	—
Duress	0 8	— —		—	—
Tamper	0 9	0 5		—	—
Console Panic (1 & *)	9 5			—	—
Console Panic (3 & #)	9 6			—	—

EXPANSION ZONES:

Assign Zone Numbers (Zn) 10-17 to 4219/4229 Auxiliary Wired Loops A-H, if used.
RF can use (Zn) 10-63 if 4219/4229 IS NOT used, (Zn) 18-63 if 4219/4229 IS used

ENTER FOR
↓ 5800 ONLY ↓

4219/4229 Loop A,	1st Exp'n Zone				
B,	2nd				
C,	3rd				
D,	4th				
E,	5th				
F,	6th				
G,	7th				
H,	8th				
	9th				
	10th				
	11th				
	12th				
	13th				
	14th				
	15th				
	16th				
	17th				
	18th				
	19th				
	20th				
	21st				
	22nd				
	23rd				
	24th				
	25th				
	26th				
	27th				
	28th				
	29th				
	30th				

OUTPUT RELAYS (*80, *81) Applicable only if relays are to be used.

***80 OUTPUT RELAYS**

- Notes:** 1. Field *25 must be programmed for a 4229 (Relays 01 and 02) or a 4204 (Relays 01 to 04).
 2. Tamper contacts or expansion units cannot be used to operate relays.

OUTPUT RELAY	RELAY ACTION (A)	S T A R T ← either or both →			S T O P ← either or both →	
		EVENT (EV)	ZONE LIST (ZL)	ZONE TYPE /SYST OP'N (ZT)	RESTORE of ZONE LIST (ZL)	ZONE TYPE /SYST OP'N (ZT)
01	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
02	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
03	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
04	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

Where: **A = RELAY ACTION** 0 = No Response; 1 = Close for 2 sec; 2 = Close and stay closed; 3 = Pulse on and off
EV = EVENT 0 = Not used; 1 = Alarm; 2 = Fault; 3 = Trouble
ZL = ZONE LIST 1,2, or 3 (from Field *81) or 0 = Not Used.
"START" ZONE LIST: Upon alarm, fault, or trouble of ANY zone on this list, relay action will START.
"STOP" RESTORE of ZONE LIST: Upon restore of ALL zones on this list, relay action will STOP.
 It need not be same list as used for START.

ZT = ZONE TYPE/SYSTEM OPERATION

Choices for Zone Types are:

- | | |
|------------------------------|-----------------------|
| 00 = No Response (Not Used) | 06 = 24 Hr Silent |
| 01 = Entry/Exit | 07 = 24 Hr Audible |
| 03 = Perimeter | 08 = 24 Hr Aux |
| 04 = Interior Follower | 09 = Fire |
| 05 = Trouble Day/Alarm Night | 10 = Interior w/Delay |

Note: Any zone in "ZT" going into alarm, fault, or trouble will actuate relay.
 Any zone of that type that restores will stop relay action.

Choices for System Operation are:

- | | | |
|-----------------------------|-----------------------------|-------------------------|
| 20 = Arming-Stay | 33 = Any Burglary Alarm | 38 = Chime |
| 21 = Arming-Away | 34 = Code + # + 7 Key Entry | 39 = Any Fire Alarm |
| 22 = Disarming (Code + OFF) | 35 = Code + # + 8 Key Entry | 40 = Bypassing |
| 31 = End of Exit Time | 36 = At Bell Timeout** | 41 = AC Power Failure |
| 32 = Start of Entry Time | 37 = 2 times Bell Timeout** | 42 = System Battery Low |

**Or at Disarming, whichever occurs earlier.

***81 ZONE LISTS FOR OUTPUT RELAYS** Any list may include any or all of system's zone numbers.

Zone List 1: Started or stopped by zone numbers (enter 00 to end entries).
, , , , , , , , , ...etc.

Zone List 2: Started or stopped by zone numbers (enter 00 to end entries).
, , , , , , , , ...etc.

Zone List 3: Started or stopped by zone numbers (enter 00 to end entries).
, , , , , , , ...etc.