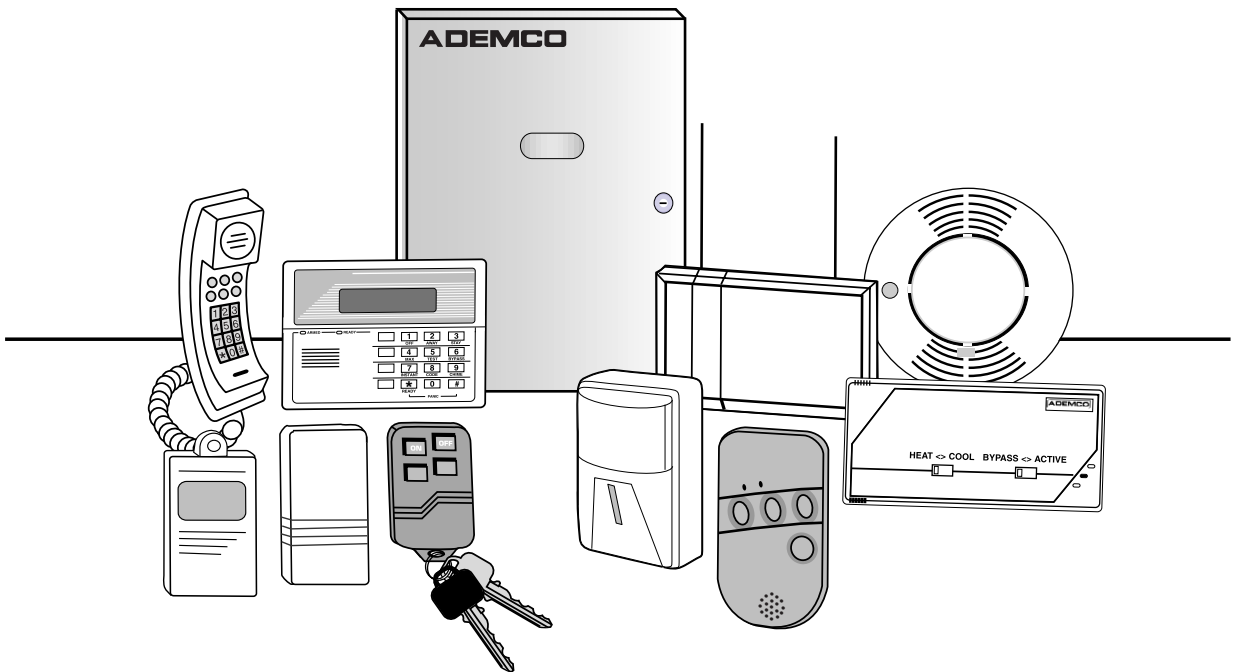


VISTA-10SEa

Security System

Programming Guide



® ADEMCO

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VISTA-10SEa PROGRAMMING FORM

Local programming requires the use of a 2-line alpha keypad (e.g., 6139) connected to the keypad terminals on the control.

To set all programme fields to ADEMCO default values: Key * 97.

FIELD FUNCTION

PROGRAMMED VALUES

[] = Default Value

SYSTEM SETUP (*20-*27)

- *20** INSTALLER CODE [4] [1] [1] [1]
Enter 4 digits, 0-9.
- *21** QUICK ARM ENABLE † [0]
0 = no; 1 = yes
- *22** RF SYSTEM TYPE [0]
0 = none; 2 = 5800 System (5881/6128 RF type rcvr).
- *23** FORCED ARM ENABLE † [1]
0 = none; 1 = auto bypass open exit route zones prior to arming
- *24** RF HOUSE ID CODE [0][0]
MUST enter 01-31 for 5827/5827BD Keypad if used in 5800 system.
- *25** EXPANSION/OUTPUT RELAY MODULE † [0]
0 = none; 1 = 4219; 2 = 4229; 3 = 4204.
- *26** VOICE MODULE ACCESS CODE [0][0]
1st digit: Enter 1-9; 2nd digit: Enter only #+11 for '*', #+12 for '#'.
0 in either position = disabled.
- *27** OUTPUT TO ALTERNATIVE COMMUNICATIONS MEDIA (ACM) † [0]
0 = no; 1 = yes. If yes selected, dialler reports to PRIMARY No. (field 47) will also be sent via ACM. All dialler and ACM reports will be in Contact ID format (overriding field *46 selection).

ZONE SOUNDS AND TIMING (*28-*39)

- *28** SINGLE ALARM SOUNDING/ZONE † [0]
0 = no; 1 = yes
- *29** FIRE SOUNDER TIMEOUT † [0]
0 = fire sounder timeout; 1 = no fire sounder timeout.
- *30** SIREN TIMEOUT † [2]
0 = none; 1 = 4 min; 2 = 8 min; 3 = 12 min; 4 = 16 min.
- *38** ENTRY DELAY † [2]
0 = 0 sec; 1 = 20 sec; 2 = 30 sec; 3 = 45 sec; 4 = 60 sec; 5 = 90 sec.
EXIT Delay = ENTRY Delay + 15 sec.
- *39** AUDIBLE EXIT WARNING † [0]
0 = no; 1 = yes.

DIALLER PROGRAMMING (*40-*50)

NOTE: In fields *40, *41, and *42: Enter 0-9; #+11 for '*'; #+12 for '#'; #+13 for pause.

- *40** PABX ACCESS CODE
Enter up to 4 digits if PABX code is needed to access an outside line. If fewer than 4 digits entered, do not fill unused spaces; 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. 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. 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. [FFFF]
(IS ALSO THE ACM SUBS ACCT NO.) Enter 0-9; #+11 for B; #+12 for C; #+13 for D; #+14 for E; #+15 for F. Enter 0 as the first digit of a 4-digit account number for Nos. 0000-0999. End field by pressing * (and press next field).

Examples: For Acct No. **1234**, enter:

1	2	3	4
---	---	---	---

For Acct No. **B234**, enter:

#+11	2	3	4
------	---	---	---

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

- *45** PHONE SYSTEM SELECT † ☐ [0]
0 = Pulse Dial; 1 = Tone Dial
- *46** REPORT FORMAT ☐ [0]
Also see field *27.
0 = ADEMCO Contact ID
1 = ADEMCO Local Audio
- *47** SPLIT/DUAL REPORTING ☐ [0] 0 = Disable (Backup report only)]
TO PRIMARY PHONE NO. **TO SECONDARY PHONE NO.**
 1 = Alarms, Restore, Cancel Other Reports
 2 = All Reports except Open/Close, Test Open/Close, Test
 3 = Alarms, Restore, Cancel All Reports
 4 = All Reports except Open/Close, Test All Reports
 5 = All Reports (Dual Reporting) All Reports
- *48** 15 SEC DIALLER DELAY (BURG) † ☐ [0]
0 = no; 1 = yes
- *49** PERIODIC TEST MESSAGE † ☐ [0]
0 = none; 1 = 24 hrs; 2 = wkl; 3 = 28 days. Enter Test Code in field *64.
- *51** CONFIRMATION OF AWAY ARMING † ☐ [0]
DING 0 = no; 1 = yes; 2 = yes, but with RF arming only.
- *52** ZONE 3 RESPONSE TO OPEN † ☐ [0]
0 = 400mS nominal; 1 = 10mS nominal
† 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 ENABLE (Hex) (RC)	INPUT TYPE (In)	RF INPUT LOOP (L)
Wired Zone 1	0 1	☐ ☐ [01]	[10] ☐ ☐ ☐ ☐	HW	—
Wired Zone 2	0 2	☐ ☐ [04]	[10] ☐ ☐ ☐ ☐	HW	—
Wired Zone 3	0 3	☐ ☐ [03]	[10] ☐ ☐ ☐ ☐	HW	—
Wired Zone 4	0 4	☐ ☐ [03]	[10] ☐ ☐ ☐ ☐	HW	—
Wired Zone 5	0 5	☐ ☐ [03]	[10] ☐ ☐ ☐ ☐	HW	—
Wired Zone 6	0 6	☐ ☐ [03]	[10] ☐ ☐ ☐ ☐	HW	—
Keypad Panic (* & #, or B)	0 7	☐ ☐ [06]	[10] ☐ ☐ ☐ ☐	—	—
Keypad Duress	0 8	— —	[10] ☐ ☐ ☐ ☐	—	—
Tamper	0 9	0 5	[10] ☐ ☐ ☐ ☐	—	—
Keypad Panic (1 & *, or A)	9 5	☐ ☐ [00]	[10] ☐ ☐ ☐ ☐	—	—
Keypad Panic (3 & #, or C)	9 6	☐ ☐ [00]	[10] ☐ ☐ ☐ ☐	—	—

WIRED EXPANSION ZONES: With 4219 or 4229, up to 8 wired zones available.

RF EXPANSION ZONES: With 5881L, up to 8 RF expansion zones available; 5881M or 5881H, up to 16.

ZONE DESCRIPTION		ZONE NO. (Zn)	ZONE TYPE (ZT)	ALARM RPT CODE ENABLE (Hex) (RC)	INPUT TYPE (In)	RF INPUT LOOP (L)
Wired or RF	1 st Expansion Zone	☐ ☐	☐ ☐	☐ ☐ ☐ ☐	☐	☐
	2nd	☐ ☐	☐ ☐	☐ ☐ ☐ ☐	☐	☐
	3rd	☐ ☐	☐ ☐	☐ ☐ ☐ ☐	☐	☐
	4th	☐ ☐	☐ ☐	☐ ☐ ☐ ☐	☐	☐
	5th	☐ ☐	☐ ☐	☐ ☐ ☐ ☐	☐	☐
	6th	☐ ☐	☐ ☐	☐ ☐ ☐ ☐	☐	☐
	7th	☐ ☐	☐ ☐	☐ ☐ ☐ ☐	☐	☐
	8th	☐ ☐	☐ ☐	☐ ☐ ☐ ☐	☐	☐

ZONE DESCRIPTION	ZONE NO. (Zn)	ZONE TYPE (ZT)	ALARM RPT CODE ENABLES (Hex) (RC)	INPUT TYPE (In)	RF INPUT LOOP (L)
RF	9th				
	10th				
	11th				
	12th				
	13th				
	14th				
	15th				
	16th				

EXPLANATION OF ZONE ASSIGNMENT TABLE:

Zn = ZONE NUMBER Zone Nos. are from 01 to 63, 95, 96. Some are pre-assigned.
With Field *22 set for RF, use Zone Nos. 10-63.

ZT = ZONE TYPE

00 = Zone Not Used	04 = Interior Follower	08 = 24 Hr Aux	21 = Arm-Away*
01 = Entry/Exit	05 = Trouble Day/Alarm Night	09 = Fire	22 = Disarm*
02 = Do not use	06 = 24 Hr Silent	10 = Interior w/Delay	23 = No Alarm Response
03 = Perimeter	07 = 24 Hr Audible	20 = Arm-Stay*	

* 20, 21, & 22 used for 5800 RF systems only.

RC = ALARM REPORT CODE Two Hex Digits. For each Hex Digit, enter: 00-09 for 0-9, 10 for A, 11 for B, 12 for C, 13 for D, 14 for E, 15 for F. If "00" is entered in the first pair of boxes, there will be no report for that zone.
For Contact ID reporting, this is an enabling code only. Make any hex digit entry (other than "00") in the first pair of boxes. The second pair of boxes will be ignored.

In = INPUT DEVICE

HW: Basic Wired	Enter 3 for RF: Supervised RF (this is the default)
AW: Auxiliary Wired (4219/4229)	Enter 4 for UR: Unsupervised RF
	Enter 5 for BR: Button Type RF

L = RF INPUT LOOP Used with 5800 RF Input Devices. Record transmitter input number.

TO PROGRAM SYSTEM STATUS & RESTORE REPORT CODE ENABLES (*60-*75):

With ADEMCO Contact ID Reporting: Enter any digit (other than "0") in the *first* box, to enable zone to report (entries in the *second* boxes will be ignored).

A "0" (not "#+10") in the *first* box will disable the report.

SYSTEM STATUS REPORT CODE ENABLES (*60-*68)

*60	TROUBLE REPORT ENABLE		
*61	BYPASS REPORT ENABLE		
*62	MAINS LOSS REPORT ENABLE		
*63	LOW BATTERY REPORT ENABLE		
*64	TEST REPORT ENABLE		
*65	OPEN REPORT ENABLE		
*66	AWAY/STAY CLOSE REPORT ENABLE		
*67	RF XMTR LOW BAT REPORT ENABLE		
*68	CANCEL REPORT ENABLE		

RESTORE REPORT CODE ENABLES (*69-*75)

*69	RESTORE REPORT TIMING	
	[0 = as zones restore]; 1 = at disarm.	
*70	ALARM RESTORE REPORT ENABLE	
*71	TROUBLE RESTORE REPORT ENABLE	
*72	BYPASS RESTORE REPORT ENABLE	
*73	MAINS RESTORE REPORT ENABLE	
*74	LOW BAT RESTORE REPORT ENABLE	
*75	RF XMTR LO BAT RST REPORT ENABLE	

OUTPUT AND SYSTEM SETUP (*80-*92)

*Programme *80 and *81 only if relays are to be used. See next page.*

*80 OUTPUT RELAYS

*81 ZONE LISTS FOR OUTPUT RELAYS

***82 CUSTOM ALPHA EDITING:** (Also entered from field *56.)
See procedure in instructions.

***83 SEQUENTIAL MODE:** Used for enrolling transmitters after all other zone information has been programmed. (Also can be accomplished from field *56.) See procedure in Installation instructions.

***91 CUSTOM OPTION SELECTION:** [] [8]
Enter 1 digit:
0 = None selected
8 = Exit delay restart

***92 REPORTS PER ARMED PERIOD** [] [0]
0 = 10 max total alarm + alarm restore; 1 = unlimited

DOWNLOAD INFORMATION (*94, *95)

***94 DOWNLOAD PHONE NO.** [] [] [] [] [] [] [] [] [] [] [] []

Enter up to 12 digits: 0-9; #+11 for '*'; #+12 for '#'; #+13 for a pause. Do not fill unused spaces. If fewer than 12 digits entered, exit field by pressing * (and press 95, if entering next field). To clear entries from field, press *94*.

***95 RING DET COUNT FOR DOWNLOADING** [] [0]
[0=Disable Station Initiated Download]; 1-14=number of rings (1-9, #+10=10, #+11=11, #+12=12, #+13=13, #+14=14); 15=answering machine defeat (#+15=15)

***96** INITIALISES DOWNLOAD ID, SUBSCRIBER ACCOUNT NO. FOR INITIAL DOWNLOAD.
No entry required.

***97** SETS ALL PROGRAMME FIELDS TO ADEMCO FACTORY DEFAULT VALUES

OUTPUT RELAYS WORKSHEET FOR FIELDS *80, and *81.

Applicable only if 4204/4229 relays are to be used.

Fill in required data and follow detailed programming procedure described in the **RELAY OUTPUTS** section of the Installation Instructions.

*80 OUTPUT RELAYS

- Notes:** 1. Field *25 must be programmed for a 4204 relay module (enter "3") or a 4229 zone expander (enter "2").
2. Tamperers of 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	☐	☐	☐	☐ ☐	☐	☐ ☐
02	☐	☐	☐	☐ ☐	☐	☐ ☐
03	☐	☐	☐	☐ ☐	☐	☐ ☐
04	☐	☐	☐	☐ ☐	☐	☐ ☐

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 = 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 | 39 = Any Fire Alarm |
| 21 = Arming-Away | 34 = Code + # + 7 Key Entry | 40 = Bypassing |
| 22 = Disarming (Code + OFF) | 35 = Code + # + 8 Key Entry | 41 = Mains Power Failure |
| 31 = End of Exit Time | 36 = At Siren Timeout** | 42 = System Battery Low |
| 32 = Start of Entry Time | 38 = Chime | 58 = Duress |

**Or at Disarming, whichever occurs earlier.

*81 ZONE LISTS FOR OUTPUT RELAYS

Record desired zone numbers. More or fewer boxes than shown may be needed, as 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.

This section provides information on how programming is performed in this system. It will enable you to understand how to enter and exit the programming mode, and how to program the data fields and the user-friendly Interactive menu modes (*56, *80, *81, *82, *83). We therefore urge you to read and understand the following before proceeding with any programming.



The following programme fields **must be** programmed (as required) before doing any zone programming.

*22. RF SYSTEM TYPE

*25. WIRED EXPANSION/RELAY USED

See “Programming a Data Field” on the next page.

General Programming Information

Characteristics for each installation are stored in nonremovable, electrically erasable, nonvolatile EEROM memory. These must be programmed for the particular installation to establish its specific alarm and reporting features.

It is possible to program the system at any time, even at the installer's premises prior to the actual installation. Simply apply power temporarily to the control and then program the unit as desired.

Note: You cannot enter the programming mode unless the system is disarmed.

There are two programming modes: data field programming and interactive menu mode programming. Data field programming is used for setting various system options. Menu mode programming is used for programming zone information, programming relay outputs, and for entering 5800 Series transmitter serial numbers.



To program the system, you must use a 6139 2-line alpha keypad connected to the keypad terminals on the control (4, 5, 6, and 7). The alpha keypad need not remain in the system after programming.

Programming can also be performed remotely from the installer's office/home or on-site, using an IBM personal computer, a modem, and ADEMCO's Compass Windows downloading software. See the *REMOTE PROGRAMMING AND CONTROL (DOWNLOADING)* section in this manual.

Entering the Program Mode

You may use one of the following methods:

- (a) Press both the [*] and [#] keys at the same time **within 50 seconds after power is applied to the Control**, or
- (b) After power up, enter the INSTALLER code **(4 1 1 1) + 8 + 0**.

Method (b) is disabled if you exit the programme mode using *98 instead of *99. See “Exiting the Program Mode” paragraph later in this section.

If a different INSTALLER code is subsequently programmed, use it instead of 4111 to gain access to the Programming mode.

Following entry into the programme mode, data field *20 will be displayed (this is the first field in the system). The system will now accept entries for field *20. You can then proceed with the required programming (see the next paragraph, “Programming a Data Field”).

Mechanics of Programming

Programming a Data Field

1. Press [**★**] plus **Field No.** (for example, ★21), then make the required entry.
2. When you have completely programmed a data field, the keypad will beep three times and then automatically display the next data field in sequence. To go to a different field, press [**★**] plus the desired field number.
3. If the number of digits that you need to enter in a data field is less than the maximum digits available (for example, the phone number field), enter the desired data, then press **★** and the next data field number to be programmed.
4. If you try to enter a nonexistent field, an alpha keypad will display **NOT USED** and **EE** (Entry Error). Simply key [**★**] again plus a valid field number.

Reviewing a Data Field/Erasing an Entry in a Data Field

Press [**#**] plus **Field No.** Data will be displayed for that field number. **No changes will be accepted in this mode.**

To delete an entry in a field, press [**★**] plus **Field No.** plus [**★**]. (Applies only to fields ★40 – ★42 and ★94.)

Interactive Menu Mode Programming (★56, ★80, ★81, ★82, & ★83)

Press [**★**] plus **menu mode number** (for example, ★56). The alpha keypad will display the first of a series of prompts requesting entries.

A detailed procedure (with displays of prompts) is provided in those sections in the Installation and Setup Guide where programming in the menu mode is to be performed.

Typical prompt displayed
during interactive menu
mode programming

Enter Zn Num. (00 = Quit)	01
------------------------------	----

Zone Number

Menu Mode	Used to Program
★ 56 Zone Programming	Zone characteristics, report codes, alpha descriptors, and serial numbers for 5800 transmitters
★ 80 Relay Programming	4204 relay modules
★ 81 Zone List Programming	Zone Lists for 4204 relay activation
★ 82 Alpha Programming	Zone alpha descriptors
★ 83 Sequential Mode	5800 Series transmitter serial numbers

Loading Factory Defaults

To load the ADEMCO factory defaults, enter the programming mode, press ★97, then exit the programming mode



Do not press ★97 if you have programmed new values in place of the factory defaults; the new values will be changed back to the factory default values!

★96 resets the Subscriber Account number and CSID in preparation for an initial download.

Programming System Setup Fields



The following program fields **MUST be** programmed (as required) before doing any programming.

***22 RF SYSTEM TYPE** (Default is **0**).

Enter “2” if a 5800 RF system type is being used; enter “0” if no RF is being used.

***25 EXPANSION/OUTPUT RELAY MODULE** (Default is **0**).

Enter “1” if a 4219 wired zone expander is being used; enter “2” if a 4229 wired zone expander/relay module is being used; enter “3” if a 4204 relay module is being used; enter “0” if none are being used.

Exiting the Programming Mode

98 EXITS PROGRAMMING MODE** and *prevents* re-entry by pressing **Installer Code + [8] + [0]**. To enter the programming mode if *98 was used to exit, you must first power the system down. Then power up again, and press [**] **and** [**#**] both at once, within 50 seconds of powering up.

99 EXITS PROGRAMMING MODE** and *allows* re-entry by pressing **Installer Code + [8] + [0]** or by pressing [**] and [**#**] at the same time, within 50 seconds of powering up the system.

5800 Series Transmitter Input Loop Identification

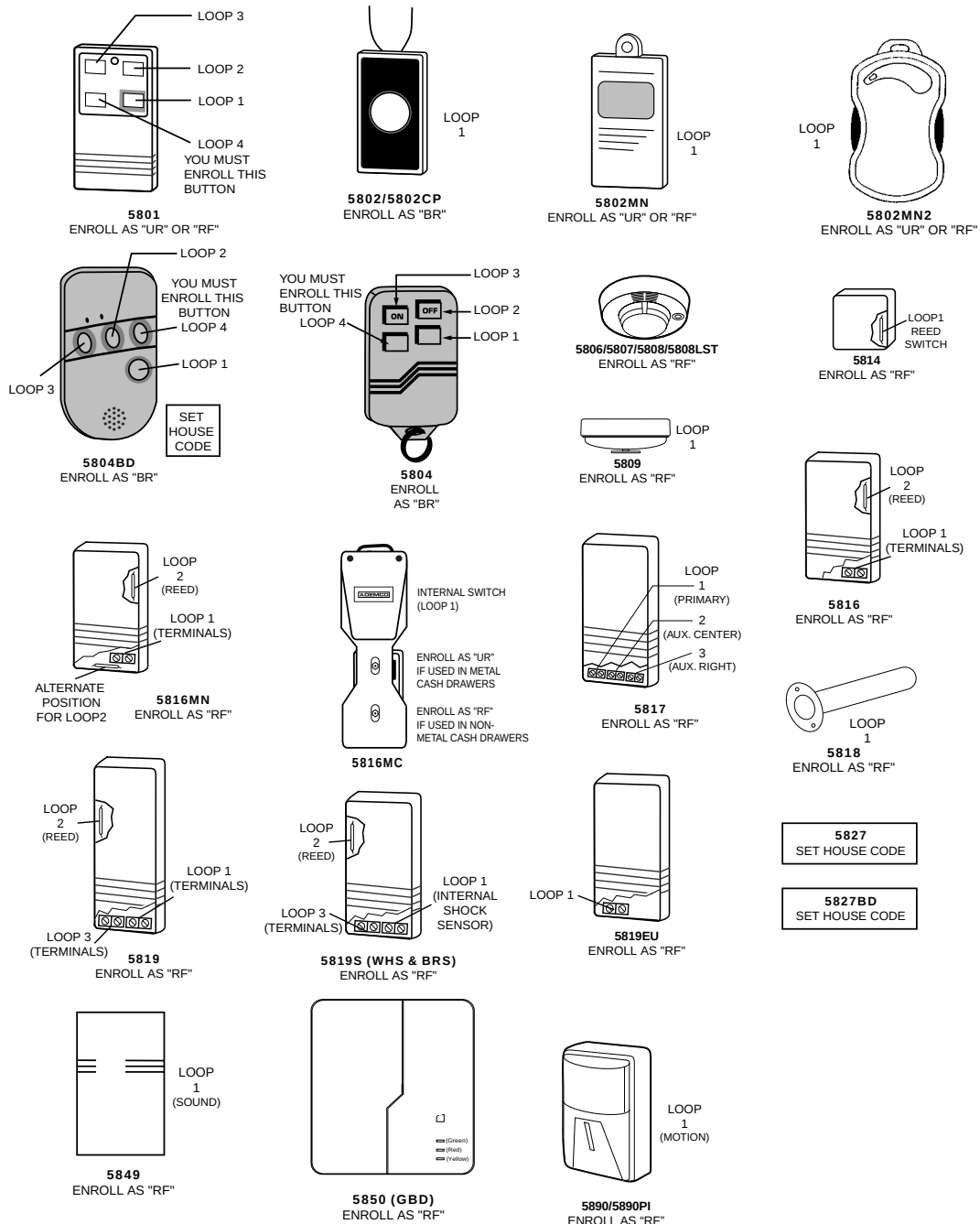
- All of the transmitters illustrated below have one or more unique factory-assigned input (loop) ID codes. *Each of the inputs requires its own programming zone (e.g., a 5804's four inputs require four programming zones).*

- Transmitter inputs entered as:

"RF" (Supervised RF) Type send periodic check-in signals, as well as fault, restore, and low-battery signals. The transmitter must remain within the receiver's range.

"UR" (Unsupervised RF) Type send all the signals that the "RF" type does, but the control does not supervise the check-in signals. The transmitter may, therefore, be carried off-premises.

"BR" (Unsupervised Button RF) Type only send fault signals. Restore or check-in signals are not sent, but low-battery signals are sent when a button is pressed. The transmitter may be carried off-premises.



ALPHA VOCABULARY LIST

(For Entering Zone Descriptors)

NOTE: Some words appearing in previously published lists have been deleted from the list below. Use only this list for selecting zone descriptors.

000 (Word Space)	• 057 DOOR	L	R	V
A	• 059 DOWN	• 106 LAUNDRY	155 RADIO	209 VALVE
• 001 AIR	• 060 DOWNSTAIRS	• 107 LEFT	• 156 REAR	210 VAULT
• 002 ALARM	061 DRAWER	108 LEVEL	157 RECREATION	212 VOLTAGE
004 ALLEY	• 062 DRIVEWAY	• 109 LIBRARY	159 REFRIGERATION	W
005 AMBUSH	• 064 DUCT	• 110 LIGHT	160 RF	213 WALL
• 006 AREA	E	111 LINE	• 161 RIGHT	214 WAREHOUSE
• 007 APARTMENT	• 065 EAST	• 113 LIVING	• 162 ROOM	• 216 WEST
• 009 ATTIC	066 ELECTRIC	• 114 LOADING	163 ROOF	• 217 WINDOW
010 AUDIO	067 EMERGENCY	115 LOCK	S	• 219 WING
B	068 ENTRY	116 LOOP	164 SAFE	220 WIRELESS
• 012 BABY	• 069 EQUIPMENT	117 LOW	165 SCREEN	X
• 013 BACK	• 071 EXIT	• 118 LOWER	166 SENSOR	222 XMITTER
• 014 BAR	072 EXTERIOR	M	• 167 SERVICE	Y
• 016 BASEMENT	F	• 119 MACHINE	• 168 SHED	223 YARD
• 017 BATHROOM	• 073 FACTORY	121 MAIDS	169 SHOCK	Z
• 018 BED	075 FAMILY	122 MAIN	• 170 SHOP	224 ZONE (No.)
• 019 BEDROOM	• 076 FATHERS	• 123 MASTER	171 SHORT	• 225 ZONE
020 BELL	• 077 FENCE	• 125 MEDICAL	• 173 SIDE	• 226 0
• 021 BLOWER	• 079 FIRE	126 MEDICINE	174 SKYLIGHT	• 227 1
• 022 BOILER	• 080 FLOOR	128 MONEY	175 SLIDING	• 228 1ST
023 BOTTOM	081 FLOW	129 MONITOR	• 176 SMOKE	• 229 2
025 BREAK	082 FOIL	• 130 MOTHERS	• 178 SONS	• 230 2ND
• 026 BUILDING	• 083 FOYER	• 131 MOTION	• 179 SOUTH	• 231 3
C	084 FREEZER	132 MOTOR	180 SPRINKLER	• 232 3RD
028 CABINET	• 085 FRONT	N	• 182 STATION	• 233 4
• 029 CALL	G	• 134 NORTH	184 STORE	• 234 4TH
030 CAMERA	• 089 GARAGE	135 NURSERY	• 185 STORAGE	• 235 5
031 CAR	• 090 GAS	O	186 STORY	• 236 5TH
033 CASH	091 GATE	• 136 OFFICE	190 SUPERVISED	• 237 6
034 CCTV	• 092 GLASS	• 138 OPEN	191 SUPERVISION	• 238 6TH
035 CEILING	093 GUEST	139 OPENING	192 SWIMMING	• 239 7
036 CELLAR	094 GUN	• 140 OUTSIDE	193 SWITCH	• 240 7TH
• 037 CENTRAL	H	142 OVERHEAD	T	• 241 8
038 CIRCUIT	• 095 HALL	P	194 TAMPER	• 242 8TH
• 040 CLOSED	• 096 HEAT	143 PAINTING	196 TELECOM	• 243 9
• 046 COMPUTER	098 HOLDUP	• 144 PANIC	197 TELEPHONE	• 244 9TH
047 CONTACT	099 HOUSE	145 PASSIVE	• 199 TEMPERATURE	
D	100 INFRARED	• 146 PATIO	200 THERMOSTAT	
• 048 DAUGHTERS	• 101 INSIDE	147 PERIMETER	• 201 TOOL	250 Custom Word #1
049 DELAYED	102 INTERIOR	• 148 PHONE	202 TRANSMITTER	
• 050 DEN	103 INTRUSION	150 POINT	U	251 Custom Word #2
051 DESK	J	151 POLICE	• 205 UP	
• 052 DETECTOR	104 JEWELRY	152 POOL	• 206 UPPER	252 Custom Word #3
• 053 DINING	K	• 153 POWER	• 207 UPSTAIRS	
054 DISCRIMINATOR	• 105 KITCHEN	R	• 208 UTILITY	253 Custom Word #4
055 DISPLAY		155 RADIO		254 Custom Word #5
		• 156 REAR		

Note: Bulleted (•) words in **boldface type** are those that are also available for use by the 4285 Phone Module. If you are using a phone module, and words other than these are selected for alpha descriptors, the module will not provide annunciation of those words.

CHARACTER (ASCII) CHART

(For Adding Custom Words)

32 (space)	42 *	52 4	62 >	72 H	82 R
33 !	43 +	53 5	63 ?	73 I	83 S
34 “	44 ,	54 6	64 @	74 J	84 T
35 #	45 –	55 7	65 A	75 K	85 U
36 \$	46 .	56 8	66 B	76 L	86 V
37 %	47 /	57 9	67 C	77 M	87 W
38 &	48 0	58 :	68 D	78 N	88 X
39 ‘	49 1	59 ;	69 E	79 O	89 Y
40 (	50 2	60 <	70 F	80 P	90 Z
41)	51 3	61 =	71 G	81 Q	

Zone Response Type Definitions

Type 00 Zone Not Used	Program a zone with this zone type if the zone is not used.
Type 01 Entry/Exit Burglary	This zone type provides entry delay whenever the zone is faulted if the control is armed in the Away or Stay mode. When the panel is armed in the Instant or Maximum mode, no entry delay is provided. Exit delay begins whenever the control is armed, regardless of the arming mode selected. These delays are programmable. This zone type is usually assigned to sensors or contacts on doors through which primary entry and exit will take place.
Type 02	Not used in this system.
Type 03 Perimeter Burglary	This zone type gives an instant alarm if the zone is faulted when the panel is armed in the Away, Stay, Instant, or Maximum mode. This zone type is usually assigned to all sensors or contacts on exterior doors and windows.
Type 04 Interior, Follower	This zone type is active when the panel is armed in the Away or Maximum mode. Entry delay (using the programmed entry time) results if the panel is armed in the Away mode and the entry/exit zone is faulted first. Otherwise, this zone type gives an instant alarm. <i>Exit</i> delay is present for <i>any</i> arming mode. This zone type is usually assigned to a zone covering an area such as a foyer, lobby, or hallway through which one must pass (upon entry, after faulting the entry/exit zone) to reach the keypad to disarm the system. Because this zone type is designed to provide an instant alarm if the entry/exit zone is not violated first, it will protect an area in the event an intruder hides on the premises before the system is armed, or gains access to the premises through an unprotected area. This zone type is bypassed automatically when the panel is armed Stay or Instant.
Type 05 Trouble by Day/ Alarm by Night	This zone type will give an instant alarm if faulted when armed in the Away, Stay, Instant, or Maximum (night) mode. During the disarmed state (day), the system will provide a latched trouble sounding from the keypad (and a central station report, if desired). This zone type is usually assigned to a zone that contains tamper protection devices or to a zone covering a sensitive area such as a stock room or drug supply room. This zone type can also be used on a sensor or contact in an area where immediate notification of an entry is desired.
Type 06 24-hour Silent Alarm	This zone type sends a report to the central station but provides no keypad display or sounding. This zone type is usually assigned to a zone containing an Emergency button.
Type 07 24-hour Audible Alarm	This zone type sends a report to the central station, provides a rapid beeping sound at the keypad, and sounds an audible external alarm. This zone type is usually assigned to a zone that has an Emergency button.
Type 08 24-hour Auxiliary Alarm	This zone type sends a report to the central station and provides a rapid beeping sound at the keypad. (No siren output is provided). This zone type is usually assigned to a zone containing a button for use in personal emergencies, or to a zone containing monitoring devices such as water or temperature sensors.
Type 09 Supervised Fire	This zone type provides a fire alarm on short circuit and a trouble condition on open circuit. The siren output will pulse when this zone type is faulted. This zone type is always active and cannot be bypassed. This zone type can be assigned to control panel wired zone 5 and to wireless zones.

Zone Response Type Definitions

Type 10 Interior w/Delay	This zone type gives <i>entry</i> delay (using the programmed entry time) if tripped when the panel is armed in the Away mode, regardless of whether or not an entry/exit delay zone was tripped first. This zone type is also active during Maximum mode, but <i>no</i> entry delay is provided (an alarm occurs immediately if the zone is tripped). <i>Exit</i> delay is present for <i>any</i> arming mode. This zone type is bypassed automatically when the panel is armed Stay or Instant.
Type 20 Arm–Stay	This is a special-purpose zone type used with 5800 Series wireless pushbutton units that will result in arming the system in the Stay mode when the zone is activated. Pushbutton units send zone number as a user number to central station when arming or disarming.
Type 21 Arm–Away	This is a special-purpose zone type used with 5800 Series wireless pushbutton units that will result in arming the system in the Away mode when the zone is activated. Pushbutton units send zone number as a user number to central station when arming or disarming.
Type 22 Disarm	This is a special-purpose zone type used with 5800 Series wireless pushbutton that will result in disarming the system when the zone is activated.
Type 23 No Alarm Response	This zone type can be used on a zone when an output relay action is desired, but with no accompanying alarm (e.g., lobby door access).

By using a 5881/6128 RF type receiver and the appropriate 5800 Series transmitters, all of the zone types listed are available for the wireless portion of the system.

The blank programming form in this manual should be used to record the data for this installation.

The following is a list of all data fields in this control (presented in numerical order). This list provides an explanation of each data field, and will serve as a reference for all fields in the system. Defaults (where applicable) are indicated in the text for each field in this list.

- *20 INSTALLER CODE** (4-Digit Entry) Default is **4-1-1-1**.
The Installer code is used to program the system, and to assign the 4-digit Master security code **in the normal operation mode**, via the keypad. See "Master Code" in the *SYSTEM OPERATION* section in the Installation Instructions for the procedure.
Enter 4 digits, 0–9.
- *21 QUICK ARM ENABLE** (1-Digit Entry) Default is **0**.
If enabled, the [#] key can be used instead of the security code when **arming** the system. Enter 0 for disabled or 1 for enabled. **This feature will function only if the Master Code is programmed.**
- *22 RF SYSTEM TYPE** (1-Digit Entry) Default is **0**.
Enter 2 for 5800RF wireless system (5881/6128RF Series RF receivers, and 5800 Series transmitters required). Enter 0 if no receiver is being used.
- *23 FORCED BYPASS ENABLE** (1-Digit Entry) Default is **1**.
This feature allows all faulted zones to be bypassed automatically. All zones that are bypassed by this function will be displayed after the bypass is initiated. 0 = No forced bypass; 1 = Allows automatic bypass of all open exit route zones.
- *24 RF HOUSE ID CODE** (2-Digit Entry) Default is **00**.
If a 5827 or 5827BD Wireless keypad is to be used in a 5800 RF system, a House ID code **MUST** also be entered (01–31), and the keypad should be set to the same ID. In a 5800 system with no 5827 or 5827BD wireless keypad, enter 00 (no House ID).
- *25 WIRED EXPANSION/RELAY MODULE** (1-Digit Entry) Default is **0**.
Enter "1" if a 4219 wired expansion module is being used, "2" for 4229 wired expansion/relay module, "3" for 4204 relay module. ("0" = none.)
- *26 VOICE MODULE ACCESS CODE** (2-Digit Entry) Default is **00**.
The use of a 4285/4286 Voice Module requires a 2-digit code, the first digit being any number from 1 to 9, the second digit being either "*" or "#." For first digit, enter any digit from 1 to 9; for second digit, enter # +11 for "*" or # +12 for "#."
Example: If desired access code is 7*, 7 is the first entry, and # + 11 (for *) is the second entry.
"00" = Voice Module disabled. **Note:** A "0" in *either* digit will disable the Voice Module.
- *27 OUTPUT TO ALTERNATIVE COMMUNICATIONS MEDIA (ACM)** (1-Digit Entry) Default is **0**.
0 = no, 1 = yes. If output to ACM is selected here (1), all messages that are programmed to go to the Primary Phone No. (field *47) will also be sent to the ACM. These messages will always be in Contact ID format (overriding the selection in field *46). The data line is supervised, as well as certain functions in the ACM device.
If communication is lost or a trouble develops, the system will attempt to send a message via both ACM and telephone to the central station.

Data Field Descriptions

Normal trouble restore report (*71) is sent on restore of the condition.

Note: The ACM should be programmed for device address 3 on the keypad lines.

ZONE SOUNDS AND TIMING (*28-39)

- *28 SINGLE ALARM SOUNDING PER ZONE** (Per Armed Period) (1-Digit Entry) Default is **0**.
This field limits external alarm sounding to once per arming period per zone.
- *29 FIRE SOUNDER TIMEOUT** (1-Digit Entry) Default is **0**.
This field determines whether the external sounder will shut off after time allotted, or continue until manually turned off. Enter 0 (default) for sounder timeout, or 1 for no timeout.
- *30 SIREN TIMEOUT** (1-Digit Entry) Default is **2**.
This field determines whether the external sounder will shut off after time allotted, or continue until manually turned off. Enter as follows:
0 = No timeout; 1 = 4 min; 2 = 8 min (default); 3 = 12 min; 4 = 16 min.
- *38 ENTRY DELAY** (1-Digit Entry) Default is **2**.
System will wait the time allotted before sounding alarm upon entering. May be selected individually.
0 = 0 seconds; 1 = 20 seconds; 2 = 30 seconds; 3 = 45 seconds; 4 = 60 seconds; 5 = 90 seconds.
(EXIT delay = Entry delay plus 15 seconds.)
- *39 AUDIBLE EXIT WARNING** (1-Digit Entry) Default is **0**.
If enabled, this field provides an exit warning sound when armed AWAY or MAXIMUM.
Warning sound consists of slow continuous beeps until last 5 seconds, when it changes to fast beeps. The warning sound will end at the termination of selected Exit time.
0 = no; 1 = yes.

DIALLER PROGRAMMING (*40-50)

Fields *40, *41, *42, *44:
Enter up to the number of digits shown. Do not fill unused spaces.
Enter 0-9,
+ 11 for '*'
+ 12 for '#'
+ 13 for a pause
(2 secs)

- *40 PABX ACCESS CODE** (See Box at Left.)
Enter up to 4 digits if PABX is needed to access an outside line. If fewer than 4 digits are needed to be entered, exit by pressing * and next field number (e.g., 41). To clear entries from field, press *40*.
- *41 PRIMARY PHONE NO.** (See box at left.)
Enter up to 12 digits. If fewer than 12 digits entered, exit by pressing * and next field number (e.g., 42). To clear entries from field, press *41*.
Note: Backup reporting (3 calls are made to the secondary phone number if no kiss-off is received after 3 attempts to primary number) is automatic only if there is a secondary phone number (field *42).
- *42 SECONDARY PHONE NO.** (See box at left.)
Enter up to 12 digits. If fewer than 12 digits entered, exit by pressing * and next field number (e.g., 43). To clear entries from field, press *42*. See *Note* in field *41 also.
- *43 SUBSCRIBER ACCOUNT NO.** (4-Digit Entry) Default is FFFF.
Enter 4 digits: digits 0-9, #+11=B, #+12=C, #+13=D, #+14=E, or #+15=F. See the Programming Form for examples.

Data Field Descriptions

For an explanation of these formats, see the **SYSTEM COMMUNICATION** section in the Installation Instructions.

***45 PHONE SYSTEM SELECT** (1-Digit Entry) Default is **0**.

If Central Station Receiver *is not* on a satellite-linked line:

0 = Pulse Dial; 1 = Tone Dial

If Central Station Receiver *is* on a satellite-linked line:

2 = Pulse Dial; 3 = Tone Dial

***46 REPORT FORMAT** (1-Digit Entry) Default is **0**.

Determine which format is to be used to report to the central station.

The following are the available formats:

0 = ADEMCO Contact ID Reporting

1 = ADEMCO Local Audio

Note: The maximum number of alarm and alarm restore reports during one armed period is determined by field *92.

See field *27, which may override this field's selection.

***47 SPLIT/DUAL REPORTING** (1-Digit Entry) Default is **0**.

0 = disable (Backup report only). Entries 1 through 5 can be made, as indicated in the table below.

	TO PRIMARY PHONE #	TO SECONDARY PHONE #
1 =	Alarms, Restore, Cancel	Other Reports
2 =	All except Open/Close, Test	Open/Close, Test
3 =	Alarms, Restore, Cancel	All reports
4 =	All except Open/Close, Test	All reports
5 =	All reports	All reports

***48 15-SECOND DIALER DELAY (BURGLARY)** (1-digit entry.)

Default is **0**.

If selected, will provide 15-second delay of burglary alarm report to the central station. Allows time for subscriber to avoid a false alarm transmission.

0 = no delay; 1 = 15-second delay.

***49 PERIODIC TEST REPORT** (1-Digit Entry) Default is **0**.

Select the desired test report interval.

0 = none; 1 = 24 hours; 2 = weekly; 3 = 28 days.

Test Report code entered in field *64 is sent; reports with Subscriber No.

***50 Not Used.**

***51 CONFIRMATION OF ARMING DING** (1-Digit Entry) Default is **0**.

Enter 1 to enable 1/2 second external alarm sounding "ding" when closing report goes in, or at the end of exit delay. Enter 2 for alarm sounding ding with RF arming only (this will work with either a button RF unit or a 5827. A 0 disables the "ding."

***52 ZONE 3 RESPONSE TIME TO OPEN** (1-Digit Entry) Default is **0**.

0 = 400ms nominal; 1 = 10ms nominal.

***56 ZONE ASSIGNMENT/ALARM REPORT CODES**
(and entering RF Input IDs for the 5800 Wireless System)

This is an interactive menu mode that is used to programme zone numbers and zone types, enable alarm and report codes, and to identify the type of loop input device. This mode can also be used for entering

Data Field Descriptions

5800 series transmitter serial numbers and for entering Alpha descriptors for zones (Alpha descriptors can also be entered in menu mode *82).

Refer to the *BASIC WIRED ZONES 1-6* section in the Installation Instructions for detailed basic wired zone programming, and the *WIRELESS (RF) ZONE EXPANSION (5800 RF SYSTEMS)* section for detailed wireless zone expansion programming.

Refer also to the zone assignment table for *56 in the programming form in this manual.

TO PROGRAMME SYSTEM STATUS AND RESTORE REPORT CODE ENABLES (*60 – *69, *70 – *75)

Enter codes as follows:

1-9, 0, B, C, D, E, or F. Enter "# + 10" for 0, "# + 11" for B, "# + 12" for C, "# + 13" for D, "# + 14" for E, "# + 15" for F.

With ADEMCO Contact ID Reporting: Enter any digit (other than "0") in the *first* box, to enable zone to report. This is an "enabling" code only and is disregarded in the actual reporting to the central office. Entries in the *second* boxes will be ignored.

A "0" (not "# + 10") in the *first* box will disable the report.

SYSTEM STATUS REPORT CODE ENABLES (*60 – *68)

***60 TROUBLE REPORT CODE ENABLE** (See box above.) (2-Digit Entry)

***61 BYPASS REPORT CODE ENABLE** (See box above.) (2-Digit Entry)

***62 MAINS LOSS REPORT CODE ENABLE** (See box above.)
(2-Digit Entry)

Timing of this report is random, with a delay of up to 48 minutes. If mains (AC) restores before the report goes out, there is no AC mains restore report.

***63 LOW BAT REPORT CODE ENABLE** (See box above.) (2-Digit Entry)

***64 TEST REPORT CODE ENABLE** (See box above.) (2-Digit Entry)
Periodic Reports with Subscriber No.

***65 OPEN REPORT CODE ENABLE** (See box above.) (1-Digit Entry)
To enable, enter a code (or 0 to disable).

***66 AWAY/STAY CLOSE REPORT CODE ENABLE** (See box above.)
(2-Digit Entry)

To enable, enter a code (or 0 to disable) in either or both boxes.

***67 RF XMTR. LOW BATTERY REPORT CODE ENABLE**
(See box above.) (2-Digit Entry)

***68 CANCEL REPORT CODE ENABLE** (See box above.) (2-Digit Entry)

RESTORE REPORT CODE ENABLES (*69 – *75)

***69 RESTORE REPORT TIMING** (See box above.) (1-Digit Entry)
Select the desired occurrence of Restore reports.
0= as zones restore; 1 = when system is disarmed or bell and zone are normal.

***70 ALARM RESTORE REPORT CODE ENABLE** (See box above.)

***71 TROUBLE RESTORE REPORT CODE ENABLE** (See box above.)
(2-Digit Entry)

This is sent when a trouble in a zone is restored.

***72 BYPASS RESTORE REPORT CODE ENABLE** (2-Digit Entry)
(See box on previous page).

This is sent when a zone that has been bypassed is unbypassed.

Data Field Descriptions

- *73 AC MAINS RESTORE REPORT CODE ENABLE** (2-Digit Entry)
(See box on previous page).
- *74 LOW BAT RESTORE REPORT CODE ENABLE** (2-Digit Entry)
(See box on previous page).
- *75 RF XMTR. LOW BATTERY RESTORE CODE ENABLE** (2-Digit Entry)
(See box on previous page.)
This is sent when a transmitter that previously sent in a low battery message has sent a message indicating it no longer has a low battery condition.
- *80 OUTPUT RELAYS**
This is an interactive menu mode that is applicable only if 4204 or 4229 relays are to be used ("2" or "3" in field *25). See the *RELAY OUTPUTS* section in the Installation and Setup Guide for a detailed programming procedure. Also refer to the OUTPUT RELAY table for field *80 in the Programming Form in this manual.
- *81 ZONE LISTS FOR OUTPUT DEVICES**
This is an interactive menu mode that is applicable only if field *25 is programmed for 4204 or 4229 relays. Refer to the *RELAY OUTPUTS* section in the Installation and Setup Guide for a detailed programming procedure. Also refer to the ZONE LISTS FOR OUTPUT RELAYS table for *81 in the Programming Form in this manual.
- *82 CUSTOM ALPHA EDITING**
See the *ALPHA DESCRIPTION PROGRAMMING* section in the Installation and Setup Guide for a detailed procedure.
- *83 SEQUENTIAL MODE**
See the *SEQUENTIAL MODE* section in the Installation and Setup Guide for serial number "Learn Mode" procedures for 5800 wireless transmitters.
- *91 CUSTOM OPTION SELECTION** Default is **8**.
Choose the options desired and then enter the appropriate value from the right-most column that enables those options.

Exit Delay Restart	Field Entry
No	0
Yes	8

Data Field Descriptions

Exit Delay Restart: Allows a user to permit entry into the protected premises while the system is armed in the STAY or INSTANT mode (without having to disarm and rearm the system) by an appropriate key press.

- *92 NO. OF REPORTS PER ARMED PERIOD** (1-Digit Entry) Default is **0**. This option can be used to limit the number of messages (alarm & alarm restore reports) sent to the central station in an armed period. "0" limits reports to a total of 10; "1" allows an unlimited number of reports.

DOWNLOAD INFORMATION (*94, *95)

- *94 DOWNLOAD PHONE NUMBER**
Enter up to 12 digits: 0–9, # +11 for "★", # + 12 for "#", # + 13 for a pause. Do not fill unused spaces. If fewer than 12 digits is entered, exit field by entering ★ (and press 95, if entering next field). To clear entries from field, press ★94★.
- *95 RING DETECTION COUNT FOR DOWNLOADING** Default is **0**. Enter number of rings before control picks up phone line (or 0 or 15). Refer to the chart below and programme this field accordingly.

Voice Module	Answering Machine	Downloading	Field ★ 95
Yes	No	No	Set for value other than "0" (1-14). This will enable the control panel to answer the phone call. Otherwise, it will not be possible to access the Voice Module.
Yes	Yes	No	Set for a value higher than the number of rings for which the answering machine is set. Example: If machine is set for 4 rings, use a value of 5 or higher.
Yes	No	Yes	Set for value other than "0" (1-14).
Yes	Yes	Yes	Enter "15" to bypass answering machine. * See Note below.
No	No	No	Enter "0."
No	Yes	No	Enter "0."
No	No	Yes	Enter 1-14.
No	Yes	Yes	Enter 15. See Important Note below.

* **Important Note:** If "15" is entered in field *95 to bypass an answering machine, and a 4285/4286 Phone Module is included in the installation, you should note the following. When calling in from an off-premises phone (to receive a status report or execute a command), the user should make the initial call, allow 1 to 3 rings only, and hang up. Then call in again – the Phone Module will now seize the line, and 2 long tones will heard, followed by the usual voice prompt for the 2-digit phone access code. If this procedure is not followed, Phone Module operation will not be possible.

- *96 INITIALISE DOWNLOAD ID AND SUBSCRIBER ACCT. NO. FOR DOWNLOADING** (No data entry required; press *96)

- *97 SET ALL PROGRAM FIELDS TO DEFAULT VALUES**
(No data entry required; pressing *97 automatically loads all ADEMCO defaults).

TO EXIT PROGRAMMING MODE (*98 or *99)

- *98 EXITS PROGRAMMING MODE** and *prevents* re-entry by :
INSTALLER Code + 8 + 0 .
To re-enter the programming mode if *98 was used to exit, you must first power the system down. Then power up again, and depress [★] and [#] both at once, within 50 seconds of powering up.
- *99 EXITS PROGRAMMING MODE** and *allows* re-entry by:
INSTALLER Code + 8 + 0 or by method described in the paragraph above (power down, power up and depress [★] and [#] both at once, within 50 seconds of powering up).

Remote Programming and Control (Downloading)

General Information

The VISTA-10SEa can be remotely programmed from an IBM compatible Personal Computer (PC), a HAYES-compatible modem specified by ADEMCO, and Compass *Windows* Software (as specified below).

Programming the control from a remote location is protected against compromise by someone attempting to defeat the system, using multi-levels of security protection:

- 1. Security Code Handshake:** An 8-digit download ID code must be matched between the control and the downloader.
- 2. Site-Initiated Remote Programming:** Telecom Hand-off feature allows the technician at the site to call the downloading facility from the control panel phone line, initiate a site download (Installer or Master Code + # + 1), and the control will immediately be on-line with the modem at the downloading facility. Also, if a local computer has a modem, the telephone line terminals of the control can be connected to the modem, and a direct download connection can be established with the new downloader programme.
- 3. Station-Initiated Remote Programming:** The operator calls the site from your office to initiate the download call. The control hangs up and then calls back the PC via the preprogrammed telephone number. The unit can then be uploaded, downloaded, or controlled from your office.

The control can also be set for no callback by the downloader.

- 4. Data Encryption:** Data passed between the PC and the control is encrypted for security so that it is very difficult for a foreign device tapped into the phone line to take over communication and substitute system compromising information.

Equipment Required

At the premises:

- VISTA-10SEa and wired keypad.

At the installer's office/home:

- An IBM PC compatible computer.
- ADEMCO-specified HAYES-compatible modem.
- Compass *Windows* Downloading Software Diskette (at revision level 1.5 or higher)
- Appropriate interconnecting cables.

Remote Programming Information

The downloading system can perform many functions when in communication with the control unit. Besides uploading and downloading, the status of the system can be observed and various commands can be initiated, as follows:

- Arm the System in the Away Mode; Disarm the System.
- Bypass a Zone.
- Shut Down Communication (dialler) Functions (non-payment of monitoring fees in an owned system).
- Shut Down all Security System Functions (non-payment for a leased system).
- Inhibit Local Keypad Programming (prevents account takeover).
- Read: Arming Status, AC Mains Status, Lists of Faulted Zones, Bypassed Zones, Zones Currently in Alarm, Zones Currently in Trouble, and RF Sensors with Low Battery Conditions.

Remote Programming and Control (Downloading)

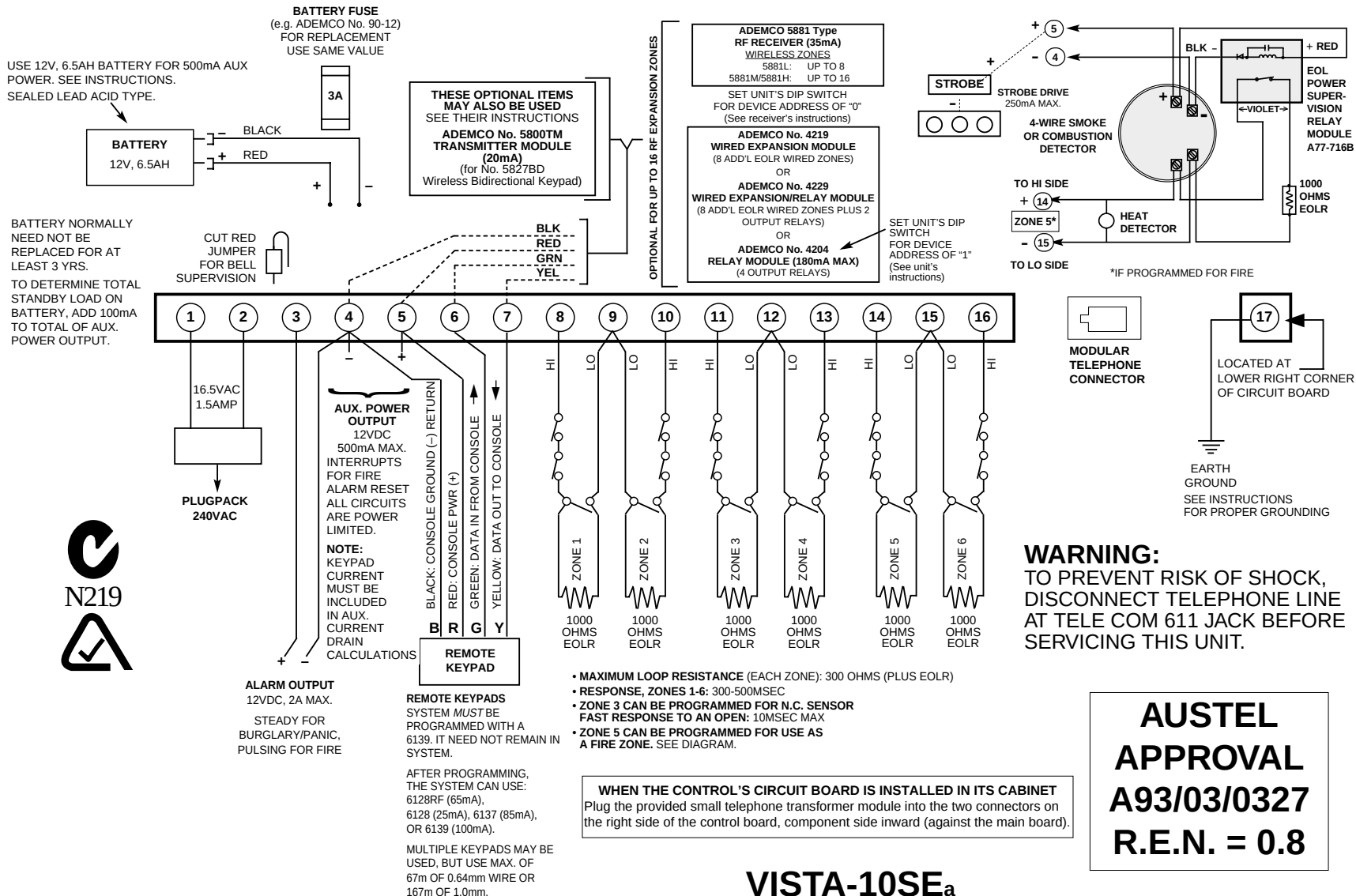
Note: After the control and the PC have established valid communication, each keypad on the system will become inactive and will display "CC" or "MODEM COMM." The control, however, will still be scanning its zones and looking for alarms. If an alarm does occur, after communication is broken off, alarms are sounded and the proper dialler reports are sent to the central station. The keypads will become active after the download communication is terminated.

The detailed operation of the download functions is covered in the installation instructions for the Windows Downloading Software Diskette.

Remote Programming Advisory Notes

- Alarm and trouble reporting may be delayed during the time that the system and the Downloader are linked to each other following a valid exchange of codes, but the proper message will get through to the Central Station after the link is broken.
- Keypad entries are ignored during the time interval stated above.
- A copy of the program downloaded may be produced from the IBM PC compatible computer, using the product's internal report generator, when an optional printer is connected (consult your PC manual for proper printer and connections).
- Program Upload or Download Time—Approximately one minute and fifteen seconds for a complete program.

VISTA-10SEa SUMMARY OF CONNECTIONS DIAGRAM



®ADEMCO

ALARM DEVICE MANUFACTURING CO.

A DIVISION OF PITTHWAY CORP.

Pittway Australia Pty, Ltd.

**Unit 5, Riverside Centre, 24-28 River Road West
Paramatta, NSW 2150, Australia**



V10SEaPRV1 12/99