

Rollins VIP 2000 PROGRAMMING FORM

IMPORTANT: BEFORE PROGRAMMING ANYTHING, first enter [*97] then [*96] to initialize certain necessary default values.

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

SYSTEM SETUP (*20-*27)

- *20 MASTER CODE Enter 4 digits, 0-9 [4] [1] [1] [1]
- *21 QUICK ARM ENABLE Enter 1 = yes; 0=no [0] 1
- *22 RF SYSTEM TYPE 0 = none; 1 = 5700 (4281); 2 = 5800 (5881) [0] 2
- *23 FORCED BYPASS FUNCTION 0 = none; 1 = bypass open zones [0] † 0
- *24 RF HOUSE ID CODE MUST enter (01-31) for 5700 System. [00]
Enter also for 5827 Keypad or 5827BD Console.
- *25 WIRED EXPANSION/RELAY USED 0 = none; 1 = 4219; 2 = 4229; 3 = 4204 [0] † 0
- *26 VOICE MODULE ACCESS CODE 1st digit: Enter 1-9; 2nd digit: Enter only #+11 for '*', #+12 for '#'. [00]
0 in either position = disabled.
- *27 OUTPUT TO LONG RANGE RADIO 0 = no; 1 = yes If yes selected, dialer reports to PRIMARY No. (field *47) will [0] † 0
also be sent via LRR. All dialer and LRR reports will be in Contact ID format
(overriding field *46 selection).

ZONE SOUNDS AND TIMING (*28-*39)

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

DIALER PROGRAMMING (*40-*50)

- In fields *40, *41, *42, enter up to the number of digits shown. Do not fill unused spaces.
Enter 0-9; #+11 for '*'; #+12 for '#'; #+13 for a pause.
- *40 PABX ACCESS CODE Enter up to 4 digits. If fewer than 4 digits entered, exit by pressing *
(and press 41, if entering next field). To clear entries from field, press *40* (do not enter 0's).
 - *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* (do not enter 0's).
 - *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* (do not enter 0's).
 - *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 press *43*.
Examples: For Acct No. 1234, enter: 1 2 3 4
For Acct No. B234, enter: #+11 2 3 4
For Acct No. 123, enter: 1 2 3 *
 - *45 PHONE SYSTEM SELECT If Cent. Sta. IS NOT on a WATS line: 0 = Pulse Dial; 1 = Tone Dial [0] † 3
If Cent. Sta. IS on a WATS line: 2 = Pulse Dial ; 3 = Tone Dial
 - *46 REPORT FORMAT Also see field *27. [0] 7
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) [0] 0

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 DIALER DELAY (BURG) 0 = no; 1 = yes [0] † 1
 - *49 PERIODIC TEST MESSAGE 0 = none; 1 = 24 hrs; 2 = wklly; 3 = mnthly. Enter Test Code in field *64. [0] † 0
 - *50 SESCOA/RADIONICS SELECT 0 = Radionics (0-9, B-F reporting); 1 = SESCOA (0-9 only reporting) [0] † 0
Select 0 for all other formats.
 - *51 CONFIRMATION OF ARMING DING 0 = no; 1 = yes [0] † 0

*56

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

CAUTIONS: • You must use a 5137AD or 6139 Alpha Keypad to program this field *56.
 • Fields *22, *24 and *46 must be programmed before this field *56.

ZONE DESCRIPTION	ZONE No. (Zn)	ZONE TYPE (ZT)	ALARM RPT CODE (Hex) (RC)	INPUT DEVICE (In)	LEARNED RF INPUT (L)
ZONES ON CONTROL:			SEE NOTE BELOW		
Zones 1-4 are not present					
Wired Zone 5	0 5		0 1 0 0	HW	--
Wired Zone 6	0 6		0 1 0 0	HW	--
Console Panic (*&#, or B)	0 7	0 7	0 1 0 0	--	--
Duress	0 8	--	0 1 0 0	--	--
Tamper	0 9	0 5	0 1 0 0	--	--
Console Panic (1&*, or A)	9 5	0 9	0 1 0 0	--	--
Console Panic (3&#, or C)	9 6	0 8	0 1 0 0	--	--

EXPANSION ZONES:

4219/4229 can add up to 8 wired expansion zones. With 4281L, up to 4 RF expansion zones also available; 4281M/5881L, up to 8; 5881M, up to 16; 4281H/5881H, up to 30 (minus, in the last case, the number of 4219/4229 zones used).

ENTER FOR 5800 ONLY

4219/4229 Loop A,	1st Exp'n Zone				
B,	2nd			0 1 0 0	
C,	3rd			0 1 0 0	
D,	4th			0 1 0 0	
E,	5th			0 1 0 0	
F,	6th			0 1 0 0	
G,	7th			0 1 0 0	
H,	8th			0 1 0 0	
	9th			0 1 0 0	
	10th			0 1 0 0	
	11th			0 1 0 0	
	12th			0 1 0 0	
	13th			0 1 0 0	
	14th			0 1 0 0	
	15th			0 1 0 0	
	16th			0 1 0 0	
	17th			0 1 0 0	
	18th			0 1 0 0	
	19th			0 1 0 0	
	20th			0 1 0 0	
	21st			0 1 0 0	
	22nd			0 1 0 0	
	23rd			0 1 0 0	
	24th			0 1 0 0	
	25th			0 1 0 0	
	26th			0 1 0 0	
	27th			0 1 0 0	
	28th			0 1 0 0	
	29th			0 1 0 0	
	30th			0 1 0 0	

Note: Entries shown in (RC) column above enable Contact ID reporting. If any zone is not used, enter 0 1 0 0 0 1 0 0 instead and disable zone when prompted.

IN THE PREVIOUS PAGE'S ZONE ASSIGNMENT TABLE :

Zn = ZONE NUMBER

Zone Nos. are from 05 to 63, 95, 96. Some are pre-assigned.
 With Field *25 set for auxiliary wired loops (4219 or 4229), use Zone Nos. 10-17 for loops A-H.
 With Field *22 set for RF (5700 or 5800), use Zone Nos. 18-63 if 4219/4229 is ALSO used,
 or 10-63 if 4219/4229 is NOT used.

ZT = ZONE TYPE

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

DEFAULT VALUES				
Zn:	05	06	07	95 96
ZT:	[09]	[07]	[06]	[00] [00]

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 = LOOP INPUT DEVICE

HW: Hard Wire Enter 3 for RF: Supervised RF
 AW: Aux Wire (4219 or 4229) Enter 4 for UR: Unsupervised RF
 Enter 5 for BR: Button Type RF

These are automatically assigned, except "UR" and "BR" for 5800 RF.

L = LEARNED RF INPUT

Used with self-learning (5800) RF Loop Input Devices. Record transmitter input number.

TO PROGRAM SYSTEM STATUS, & RESTORE REPORT CODES (*60-*75):

With a 3+1 or 4+1 Standard Format: Enter a code in the first box: 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.

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

A "0" (not "#+10") in the second box will result in automatic advance to the next field when programming.

With an Expanded or 4+2 Format: Enter codes in both boxes (1st and 2nd digits) for 1-9, 0, or B-F, as described above.

A "0" (not "#+10") in the second box will eliminate the expanded message for that report.

A "0" (not "#+10") in both boxes will disable the report.

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

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

Examples: For Code 3 (Single Digit), enter:

For Code 32 (Two Digits), enter:

For Code B2 (Hexadecimal) enter:

SYSTEM STATUS REPORT CODES (*60-*68)

- *60 TROUBLE REPORT CODE [00]
- *61 BYPASS REPORT CODE [00]
- *62 AC LOSS REPORT CODE [00]
- *63 LOW BATTERY REPORT CODE [00]
- *64 TEST REPORT CODE [00]
- *65 OPEN/EXIT ALARM REPORT CODE [00]

2nd digit of OPEN REPORT is automatically sent as the user number if expanded or 4+2 reporting is selected.

2nd digit of EXIT ALARM REPORT is automatically sent as the 2nd digit of the zone alarm report code programmed in *56, if expanded or 4+2 reporting is selected.

- *66 AWAY/STAY CLOSE REPORT CODE [00]
- 2nd digit of any CLOSE REPORT is automatically sent as the user number, if expanded or 4+2 reporting is selected.
- *67 RF XMTR LOW BAT REPORT CODE [00]
- *68 CANCEL REPORT CODE [00]

RESTORE REPORT CODES (*69-*75)

- *69 GROUP RESTORES for TROUBLE, [0]
- RF LOW BAT, BYPASS: 0 = no (report for each restore), 1 = yes (report after all zones restored)
- Note: "1" not applicable to Contact ID reporting.

- *70 ALARM RESTORE REPORT CODE

2nd digit is automatically sent as the 2nd digit of the zone alarm report code programmed in *56, if expanded or 4+2 reporting is selected.

- *71 TROUBLE RESTORE REPORT CODE [00]
- *72 BYPASS RESTORE REPORT CODE [00]
- *73 AC RESTORE REPORT CODE [00]
- *74 LOW BAT RESTORE REPORT CODE [00]
- *75 RF XMTR LO BAT RST REPORT CODE [00]

OUTPUT AND SYSTEM SETUP (*80-*92)

- *80 OUTPUT RELAYS
- *81 ZONE LISTS FOR OUTPUT RELAYS
- *82 CUSTOM ALPHA EDITING: (Also entered from field *56): See procedure in instructions.
- *83 ADD/DELETE 5800 RF INPUT IDs: (Also can be accomplished from field *56): See procedure in instructions, under field *56.
- *92 REPORTS PER ARMED PERIOD [0]

Program only if Relays are to be used. See next page.

0 = 10 max total alarm + alarm restore, 1 = unlimited

DOWNLOAD INFO (*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 INITIALIZES DOWNLOAD ID, SUBSCRIBER ACCOUNT No. FOR INITIAL DOWNLOAD: No entry required.
- *97 SETS ALL PROGRAM FIELDS TO DEFAULT VALUES: No entry required.

TO EXIT PROGRAM MODE (*99)

Press *99 if exiting programming, or next field number if continuing.

- *99 EXITS PROGRAMMING MODE and allows re-entry by: Master Code + Code + 0 or by: Power-up + * + #.

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

Applicable only if relays are to be used.

Fill in required data and follow detailed programming procedure described in PROGRAMMING DATA FIELDS section of Installation Instructions

***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. Tamperers of contacts or expansion units cannot be used to operate relays.

OUTPUT RELAY	RELAY ACTION (A)	START ←either or both→			STOP ←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 = 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 |

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 |

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.

**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, since 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.