Ademco via16 PROGRAMMING FORM

THIS PROGRAMMING FORM INCORPORATES SYSTEM ENHANCEMENTS INVOLVING FIELDS *28, *35, *36, *49, *50, *57, *76–*91
AND MAY ONLY BE USED TO PROGRAM CONTROLS WITH THOSE ENHANCEMENTS.

FIELD FUNCTION	PROGRAMMED VALUES	[ ] = Default Value

SYSTEM ARMING (*20-*28)

*20 MASTER SECURITY CODE ☐☐☐☐ Enter 4 digits, 0-9 [4] [1] [1] [0]

*21 QUICK ARM ENABLE † ☐ [0 = no], 1 = yes

*23 FORCED BYPASS FUNCTION † ☐ [0 = no], 1 = yes

*24 RF RECEIVER HOUSE ID CODE ☐ With 4281, enter 01-31 House ID. Otherwise enter [00].

*28 CONFIRMATION OF ARMING DING † ☐ [0 = no], 1 = yes

ZONE RESPONSE PROGRAMMING (*29-*38)

*29 FIRE SOUNDER TIMEOUT DISABLE † ☐ [0 = no], 1 = yes

*30 ALARM BELL TIMEOUT † ☐ 0 = none; [1 = 4 min]; 2 = 8 min; 3 = 12 min

> **ZONE TYPES FOR PROGRAMMING FIELDS *35-37**
> 0 = Zone Disabled (or Undefined)
> 1 = ENTRY/EXIT, Burglary
> 2 = not used
> 3 = PERIMETER, Burglary
> 4 = INTERIOR/FOLLOWER, Burglary
> 5 = TROUBLE BY DAY/ALARM BY NIGHT, Burglary
> 6 = 24 Hr (Silent)
> 7 = 24 Hr (Audible)
> 8 = 24 Hr (Auxiliary)
> 9 = FIRE (Fields *35 and *37 only)
> 10 = INTERIOR w/DELAY, Burglary (To program, enter # + 10)

*35 ZONE 5 RESPONSE TYPE ☐ [9]

*36 ZONE 6 RESPONSE TYPE ☐ [3]

*37 ZONE 7 RESPONSE TYPE ☐ Console Key B or *&# Panic. Only zone types 0, [6], 7, 8, 9 applicable.

*38 ENTRY DELAY † ☐ 0 = 0 sec ; 1 = 20 sec; [2 = 30 sec]; 3 = 45 sec
EXIT Delay = ENTRY Delay + 15 sec

DIALER PROGRAMMING (*40-*49)

*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 ACCOUNT 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 44, if entering next field). To clear entries from field, 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 | * |

*44 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

*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 SESCOA/RADIONICS SELECT † ☐ [0 = Radionics (0-9, B-F reporting)]; 1 = SESCOA (0-9 only reporting)
Select 0 for all other formats.

*47 15 SEC DIALER DELAY (BURG) † ☐ [0 = no], 1 = yes

*48 24 HR TEST MESSAGE † ☐ [0 = no], 1 = yes (enter Test Code in field *64)

*49 SPLIT/DUAL REPORTING ☐
[0 = Backup report only]

	TO PRIMARY PHONE No.	TO SECONDARY PHONE No.
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

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

OVER➡

ALARM REPORT CODES (*50-*59)

*50 1st DIGIT OF Zn 95 (left), Zn 96 (right) `[  ] [  ]`
Enter 1-9, 0, B-F as described in box below.
A "0" (not #+10) will disable report.
2nd Digit of each (for expanded or 4+2 reporting)
is same as for field *57.
Zone 95 is Silent Panic (Key A or 1&*).
Zone 96 is Audible Panic (Key C or 3&#).

> **TO PROGRAM REPORT CODES FOR ALARM, SYSTEM STATUS, RESTORE, & XMTR IDs(*55-*91):**
>
> **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 the *second* boxes will be ignored).
>
> A [0] (*not* [#+10]) in the *first digit* box will disable the report.

Examples: For Code 3 (Single Digit), enter: `[ 3 ]` `[ 0 ]`

For Code 32 (Two Digits), enter: `[ 3 ]` `[ 2 ]`

For Code B2 (Hexadecimal) enter: `[ #+11 ]` `[ 2 ]`

*55 ZONE 5 ALARM REPORT CODE `[  ] [  ]`
*56 ZONE 6 ALARM REPORT CODE `[  ] [  ]`
*57 ZONE 7 ALARM REPORT CODE `[  ] [  ]`
(Console Panic: Key B or *&#)
*58 ZONE 8 ALARM RPT CODE (Duress) `[  ] [  ]`
*59 ZONE 9 ALARM RPT CODE (Tamper) `[  ] [  ]`

SYSTEM STATUS REPORT CODES (*60-*68)

*60 TROUBLE REPORT CODE `[  ] [  ]`
*61 BYPASS REPORT CODE `[  ] [  ]`
*62 AC LOSS REPORT CODE `[  ] [  ]`
*63 LOW BAT REPORT CODE `[  ] [  ]`
*64 TEST REPORT CODE `[  ] [  ]`
*65 OPEN REPORT CODE `[  ]` ††
*66 CLOSE REPORT CODE `[  ]` ††

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

*67 RF XMTR LOW BAT RPT CODE `[  ] [  ]`
*68 CANCEL REPORT CODE `[  ] [  ]`

RESTORE REPORT CODES (*69-*75)

*69 GROUP RESTORES for TROUBLE, `[  ]`
RF LOW BATTERY, 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 *50-*59 and *76-*91, if expanded or 4+2 reporting is selected.

*71 TROUBLE RESTORE REPORT CODE `[  ] [  ]`
*72 BYPASS RESTORE REPORT CODE `[  ] [  ]`
*73 AC RESTORE REPORT CODE `[  ] [  ]`
*74 LOW BAT RESTORE REPORT CODE `[  ] [  ]`
*75 RF XMTR LO BAT RSTR RPT CODE `[  ] [  ]`

RF XMTR IDs/REPORT CODES (*76-*92)

When Using ↓   ↓ These Fields are Programmable
4281L   *76-*79 plus *92
4281M   *76-*83 plus *92
4281H   *76-*92

RF XMTR ID	Zone Type	RF XMTR ID	Zone Type
10-13	ENTRY/EXIT, Burg.	48-55	FIRE
14-29	PERIMETER, Burg.	56-61	TROUBLE BY DAY/
30-43	INT/FOLLOWER, Burg.		ALARM BY NITE, Burg.
44, 45	INT w/DELAY, Burg.	62	24 hr. (audible)
46, 47	PERIMETER, Burg.	63	Programmed by field *92

RF XMTR ID / Report Code

*76 1st Transmitter ID `[  ][  ] / [  ][  ]` Rpt Code
*77 2nd Transmitter ID `[  ][  ] / [  ][  ]` Rpt Code
*78 3rd Transmitter ID `[  ][  ] / [  ][  ]` Rpt Code
*79 4th Transmitter ID `[  ][  ] / [  ][  ]` Rpt Code
*80 5th Transmitter ID `[  ][  ] / [  ][  ]` Rpt Code
*81 6th Transmitter ID `[  ][  ] / [  ][  ]` Rpt Code
*82 7th Transmitter ID `[  ][  ] / [  ][  ]` Rpt Code
*83 8th Transmitter ID `[  ][  ] / [  ][  ]` Rpt Code
*84 9th Transmitter ID `[  ][  ] / [  ][  ]` Rpt Code
*85 10th Transmitter ID `[  ][  ] / [  ][  ]` Rpt Code
*86 11th Transmitter ID `[  ][  ] / [  ][  ]` Rpt Code
*87 12th Transmitter ID `[  ][  ] / [  ][  ]` Rpt Code
*88 13th Transmitter ID `[  ][  ] / [  ][  ]` Rpt Code
*89 14th Transmitter ID `[  ][  ] / [  ][  ]` Rpt Code
*90 15th Transmitter ID `[  ][  ] / [  ][  ]` Rpt Code
*91 16th Transmitter ID `[  ][  ] / [  ][  ]` Rpt Code

*92 ZONE RESPONSE OF XMTR ID 63 (If used) `[  ]`
Only zone types [0], 6, 7, 8, 9 applicable.

DOWNLOAD INFO (*94-*97)

*94 DOWNLOAD PHONE No.
`[  ][  ][  ][  ][  ][  ][  ][  ][  ][  ]`
Enter up to 12 digits, 0-9. 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=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 ZEROS ALL PROGRAM FIELDS
No entry required.

TO EXIT PROGRAM MODE (*98 or *99)
Press *98 or *99 if exiting programming, or next field number if continuing.

*98 EXITS PROGRAMMING MODE and
prevents re-entry by: Master Code + Code + 0.
*99 EXITS PROGRAMMING MODE and
allows re-entry by: Master Code + Code + 0.