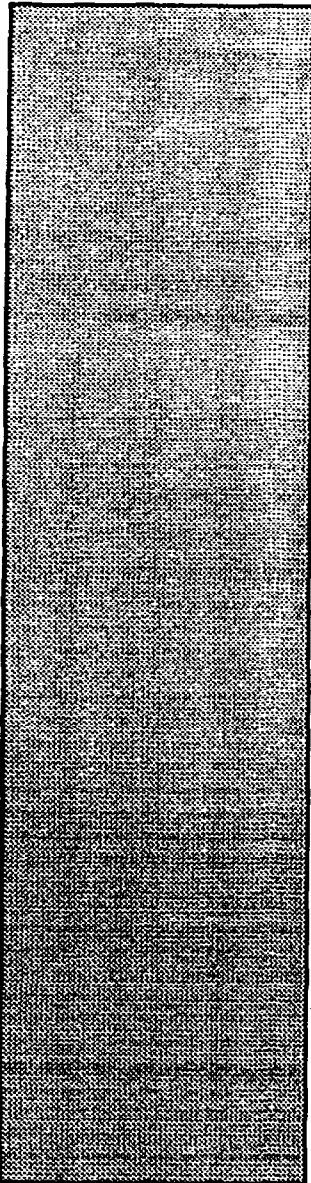


ADEMCO  
***TECH SUPPORT***  
***GROUP***

September 1992



CONTACT ID  
FORMAT

ADEMCO 5140XM

5140XM

## EXPLANATION OF CONTACT ID

Contact ID reporting provides faster transmission speed and very specific event code reporting, resulting in faster, more confident alarm decision making by the central station when compared to other reporting formats available (Ademco Low Speed, Sescoa, Radionics, etc). This is the only format that can identify all protection zones by their unique zone (contact) numbers, and provides a 1-digit event qualifier and 3-digit specifically defined event code which quickly identifies the condition being reported.

Contact ID reporting takes the following format: CCCC Q EEE GG ZZZ

CCCC = customer (subscriber) number.

Q = event qualifier, E = new event, R = restore.

EEE = event code.

GG = partition number.

ZZZ = zone/contact ID number reporting the alarm (001-099), or user number for open/close reports. System status messages (i.e. AC Loss, Low Battery) contain zeros in the ZZZ location.

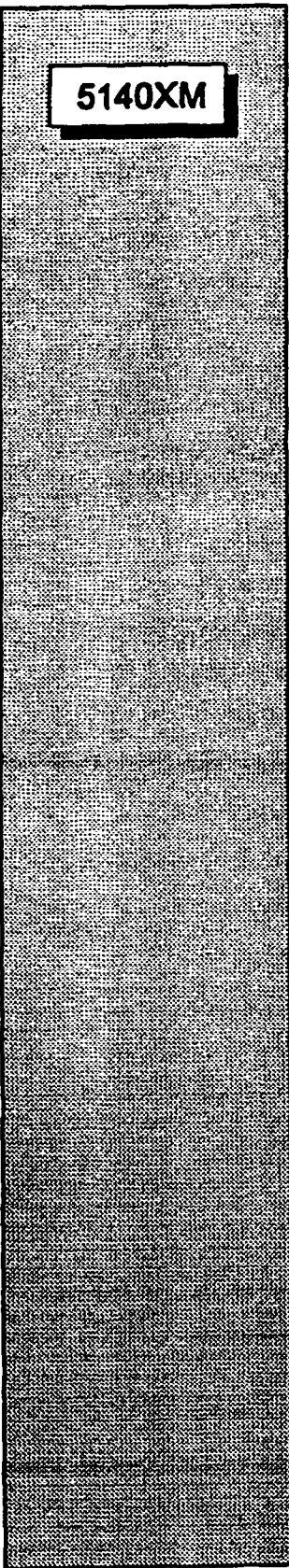
## TECHNICAL DATA

Contact ID reports DTMF (Dual Tone Multi-Frequency) at 10 characters per second and responds to a 1400 Hz followed by a 2300 Hz handshake, and a 1400 Hz kissoff. This format also uses checksum verification instead of two round verification. A complete report takes under 3 seconds.

## ADVISORY

Ademco's new Contact ID reporting is capable of uniquely reporting all zones of information, as well as opening and closing for all users, to central stations equipped with the Ademco 685 receiver using software level 4.4 or higher. For information regarding updating the 685 receiver, contact Ademco's technical support group at:

1-800-645-7492



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SUMMARY OF EVENT CODES

<u>CODE</u>	<u>DEFINITION</u>
110	Fire Alarm - Response Type 09
111	Smoke Alarm - Response Type 16
113	Waterflow Alarm - Response Type 17
121	Duress
122	Silent Panic - Response Type 06
123	Audible Panic - Response Type 07
131	Perimeter Burglary - Response Type 03
132	Interior Burglary - Response Type 04 and 10
134	Entry/Exit Burglary - Response Type 01 and 02
135	Day/Night Burglary Alarm - Response Type 05
150	24 Hour Auxiliary - Response Type 08
200	Zone/Sensor Supervisory - Response Type 18
301	AC Loss
302	Low System Battery
305	System Reset
306	Program Tamper
309	Battery Test Fail
310	Ground Fault
321	Main Bell Trouble
322	Auxiliary Bell Trouble
332	Polling Loop Short
351	Primary Telco Line Fault
352	Secondary Telco Line Fault
373	Fire Loop Trouble - Response Type 09, 16, 17, and 18
380	Sensor Trouble - Response Type 05 and 19
382	R.P.M. Sensor Trouble
383	R.P.M. Sensor tamper
401	Open/Close by User
406	Cancel by User

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- 407 Opening/Closing Remote (downloader)
- 408 Quick Arming
- 409 Keyswitch Open/Close
- 411 Callback Requested
- 441 Armed- Stay Mode
- 521 Main Bell Disable
- 522 Auxiliary Bell Disable
- 524 Auxiliary Relay Disable
- 551 Dialer Disable
- 570 Bypass
- 602 Periodic Test
- 607 Walk Test Mode
- 621 Event Log Reset
- 622 Event Log 50% Full
- 623 Event Log 90% Full
- 624 Event Log Overflow
- 625 Time - Date Reset

### DESCRIPTION OF EVENT CODES

The following are Contact ID reports listed by event (i.e. Alarms Restores, etc.) and appear exactly as they would on a printout from an Ademco 685 receiver.

(What to expect at central station)

XXXX	R101	00	C000	Printer English Message
Subscriber ID #	Event Code	Partition #	Contact # or User #	

### ALARMS

#### Entry/Exit Burglary - Response types 01 and 02

- Alarm = XXXX E134 00 C00Z (V) \*BURG\*- Entry/Exit-#00Z
- Restore = XXXX R134 00 C00Z (V) RESTORE - Entry/Exit-#00Z

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**Perimeter - Response Type 03**

- Alarm = XXXX E131 00 C00Z (V) \*BURG\* - Perimeter-#00Z
- Restore = XXXX R131 00 C00Z (V) RESTORE - Perimeter-#00Z

**Interior - Response Types 04 and 10**

- Alarm = XXXX E132 00 C00Z (V) \*BURG\* - Interior-#00Z
- Restore = XXXX R132 00 C00Z (V) RESTORE - Interior-#00Z

**Day/Night - Response Type 05**

- Alarm = XXXX E135 00 C00Z (V) \*BURG\* - Day/Night-#00Z
- Restore = XXXX R135 00 C00Z (V) RESTORE - Day/Night-#00Z

**24 Hour Silent Panic - Response Type 06**

- Alarm = XXXX E122 00 C00Z (V) \*PANIC\* - Silent Panic-#00Z
- Restore = XXXX R122 00 C00Z (V) RESTORE - Silent Panic-#00Z

**24 Hour Audible Panic - Response Type 07**

- Alarm = XXXX E123 00 C00Z (V) \*PANIC\* - Audible Panic-#00Z
- Restore = XXXX R123 00 C00Z (V) RESTORE - Audible Panic-#00Z

**24 Hour Auxiliary Panic - Response Type 08**

- Alarm = XXXX E150 00 C00Z (V) \*ALARM\* - 24Hr. Non Burg-#00Z
- Restore = XXXX R150 00 C00Z (V) RESTORE - 24Hr. Non Burg-#00Z

**Duress**

- XXXX E121 00 C000 (V) \*PANIC\* Duress

**Fire Alarm - Response Type 09**

- Alarm = XXXX E110 00 C00Z (V) \*FIRE\* - Fire Alarm-#00Z
- Restore = XXXX R110 00 C00Z (V) RESTORE - Fire Alarm-#00Z

**Smoke Detector Alarm - Response Type 16**

- Alarm = XXXX E111 00 C00Z (V) \*FIRE\* - Smoke Detector-#00Z
- Restore = XXXX R111 00 C00Z (V) RESTORE - Smoke Detector-#00Z

**Waterflow Alarm - Response Type 17**

- Alarm = XXXX E113 00 C00Z (V) \*FIRE\* - Water Flow-#00Z
- Restore = XXXX R113 00 C00Z (V) RESTORE - Water Flow-#00Z

**Fire Supervisory - Response Type 18**

- Alarm = XXXX E200 00 C00Z (V) \*SUPER\* - Fire Supervisory-#00Z
- Restore = XXXX R200 00 C00Z (V) RESTORE - Fire Supervisory-#00Z

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## ZONE TROUBLES

### Sensor Trouble - Response Type 05 and 19

- ♦ Fault = XXXX E380 00 C00Z (V) TROUBLE - Sensor Trouble-#00Z
- ♦ Restore = XXXX R380 00 C00Z (V) RESTORE - Sensor Trouble-#00Z

### Fire Trouble - Response Type 09, 16, 17, and 18

- ♦ Fault = XXXX E373 00 C00Z (V) TROUBLE - Fire Loop-#00Z
- ♦ Restore = XXXX R373 00 C00Z (V) RESTORE - Fire Loop-#00Z

## SYSTEM TROUBLES

### AC Loss

- ♦ Loss = XXXX E301 00 C000 (V) TROUBLE - AC Power
- ♦ Restore = XXXX R301 00 C000 (V) RESTORE - AC Power

### Low System Battery during Automatic Test Cycle

- ♦ Low Batt = XXXX E302 00 C000 (V) TROUBLE - Low System Battery
- ♦ Restore = XXXX R302 00 C000 (V) RESTORE - Low System Battery

### Low System Battery during Manual Test Cycle

- ♦ Low Batt = XXXX E309 00 C000 (V) TROUBLE - Battery Test failure
- ♦ Restore = XXXX R302 00 C000 (V) RESTORE - Low System Battery

### Polling Loop Short

- ♦ Short = XXXX E332 00 C097 (V) TROUBLE - Polling Loop Short
- ♦ Restore = XXXX R332 00 C097 (V) RESTORE - Polling Loop Short

### Ground Fault

- ♦ Fault = XXXX E310 00 C072 (V) TROUBLE - Ground Fault-#072
- ♦ Restore = XXXX R310 00 C072 (V) RESTORE - Ground Fault-#072

### Main Bell Trouble - Bell #1

- ♦ Fault = XXXX E321 00 C070 (V) TROUBLE - Bell/Siren #1
- ♦ Restore = XXXX R321 00 C070 (V) RESTORE - Bell/Siren #1

### Auxiliary Bell Trouble - Bell #2

- ♦ Fault = XXXX E322 00 C071 (V) TROUBLE - Bell/Siren #2
- ♦ Restore = XXXX R322 00 C071 (V) RESTORE - Bell/Siren #2

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**Phone Line Fault - Line #1**

- Fault = XXXX E351 00 C074 (V) TROUBLE - Phone Line #1
- Restore = XXXX R351 00 C074 (V) RESTORE - Phone Line #1

**Phone Line Fault - Line #2**

- Fault = XXXX E352 00 C075 (V) TROUBLE - Phone Line #2
- Restore = XXXX R352 00 C075 (V) RESTORE - Phone Line #2

**R.P.M. Sensor Tamper - (cover tamper)**

- Fault = XXXX E383 00 C00Z (V) TROUBLE - Sensor Tamper-#00Z
- Restore = XXXX R383 00 C00Z (V) RESTORE - Sensor Tamper-#00Z

**R.P.M. Sensor Trouble - (not found on polling loop)**

- Trouble = XXXX E382 00 C00Z (V) TROUBLE - R.P.M. Sensor Super-#00Z
- Restore = XXXX R382 00 C00Z (V) RESTORE - R.P.M. Sensor Tamper-#00Z

**OPENING/CLOSING**

**Opening by User**

- XXXX E401 00 U000 (V) OPENING - User #000

**Closing by User**

- XXXX R401 00 U000 (V) CLOSING - User #000

**Quick Arming**

- XXXX R408 00 U000 (V) CLOSING - Quick Arm

**Keyswitch Arming**

- XXXX R409 00 U000 (V) CLOSING - Keyswitch

**Keyswitch Disarm**

- XXXX E409 00 U000 (V) OPENING - Keyswitch

**Armed - Stay Mode**

- XXXX R441 00 U000 (V) CLOSING - Armed Stay - User #000
  - (disarm sends E401)

**Cancel by User**

- XXXX E406 00 C000 (V) OPENING - Cancel - User #000



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**Closing - Remote (downloader)**

- XXXX R407 00 C000 (V) CLOSING - Remote

**Opening - Remote (downloader)**

- XXXX E407 00 C000 (V) OPENING - remote

**BYPASS**

**Bypass Zones**

- Bypass = XXXX E570 00 C00Z (V) BYPASS - Zone Bypass-#00Z
- Restore = XXXX R570 00 C00Z (V) RESTORE - Zone Bypass-#00Z

**Main Bell Disable - Bell #1**

- Bypass = XXXX E521 00 C070 (V) DISABLE - Bell/Siren - #1
- Restore = XXXX R521 00 C070 (V) RESTORE - Bell/Siren - #1

**Auxiliary Bell Disable - Bell #2**

- Bypass = XXXX E522 00 C071 (V) DISABLE - Bell/Siren - #2
- Restore = XXXX R522 00 C071 (V) RESTORE - Bell/Siren - #2

**Auxiliary Relay Disable**

- Bypass = XXXX E524 00 C076 (V) DISABLE - Trouble Relay
- Restore = XXXX R524 00 C076 (V) RESTORE - Trouble Relay

**Main Dialer Disable**

- Bypass = XXXX E551 00 C074 (V) DISABLE - Dialer Disable
- Restore = XXXX R551 00 C074 (V) RESTORE - Dialer Disable

**Backup Dialer Disable**

- Bypass = XXXX E551 00 C075 (V) DISABLE - Dialer Disable
- Restore = XXXX R551 00 C075 (V) RESTORE - Dialer Disable

**EVENT LOG**

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Event Log Reset

- XXXX E621 00 C000 (V) TROUBLE - Event Log Reset

Event Log 50% Full

- XXXX E622 00 C000 (V) TROUBLE - Event Log 50% Full

Event Log 90% Full

- XXXX E623 00 C000 (V) TROUBLE - Event Log 90% Full

Event Log Overflow

- XXXX E624 00 C000 (V) TROUBLE - Event Log Overflow

**MISCELLANEOUS**

System Reset

- XXXX E305 00 C000 (V) TROUBLE - System Reset

Program Tamper

- XXXX E306 00 C000 (V) TROUBLE - Programming Changed

Callback Requested

- XXXX E411 00 C000 (V) REMOTE - Callback Requested

Time-Date Reset

- XXXX E625 00 C000 (V) TROUBLE - Time/Date Reset

Walk Test Mode:

- Enter = XXXX E607 00 C000 (V) TEST - Walk Test Mode
- Exit = XXXX R607 00 C000 (V) RESTORE - Walk Test Mode

Periodic Test

- XXXX E602 00 C000 (V) TEST - Periodic

Written by:

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