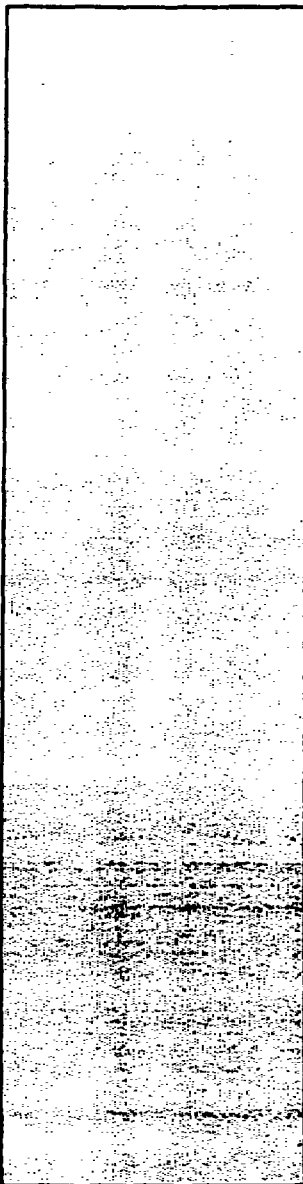


ADEMCO
TECH SUPPORT
GROUP

October 1992



**CONTACT ID
FORMAT**

4140XMPT

4140XMPT

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 the *ADEMCO Technical Support group* at:

1-800-645-7492

4140XMPT

CONTENTS

- ♦ Summary of Event Codes.....3
- ♦
- ♦ Description of Event Codes.....4
- ♦
- ♦ Alarm Listings.....4-5
- ♦
- ♦ Zone Trouble Listings..... 5
- ♦
- ♦ System Trouble Listings..... 6-7
- ♦
- ♦ Opening/Closing Listings7
- ♦
- ♦ Bypass Listings..... 7
- ♦
- ♦ Event Log.....8
- ♦
- ♦ Miscellaneous.....8

4140XMPT**SUMMARY OF EVENT CODES**

<u>CODE</u>	<u>DEFINITION</u>
110	Fire Alarm - Response Type 09
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
301	AC Loss
302	Low System Battery
305	System Reset
306	Program Tamper
309	Battery Test Fail
332	Polling Loop Short
333	RF Expander Failure
373	Fire Loop Trouble - Response Type 09
380	Sensor Trouble - Response Type 05
381	RF Sensor Trouble
382	R.P.M. Sensor Trouble
383	R.P.M. Sensor tamper
384	RF Transmitter Low Battery
401	Open/Close by User
406	Cancel by User
407	Opening/Closing Remote (downloader)
408	Quick Arming
409	Keyswitch Open/Close
411	Callback Requested
441	Armed- Stay Mode

4140XMPT

- 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

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

4140XMPT

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

ZONE TROUBLES

Sensor Trouble - Response Type 05

- 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

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

4140XMPT

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

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

RF Expander Failure

- ♦ Cover off = XXXX E333 00 C091 (V) TROUBLE - Exp. Module Fail-#091
- ♦ Cover on = XXXX R333 00 C091 (V) RESTORE - Exp. Module Fail-#091
- ♦ Sig. Loss = XXXX E333 00 C090 (V) TROUBLE - Exp. Module Fail-#090
- ♦ Restored = XXXX R333 00 C090 (V) RESTORE - Exp. Module Fail-#090
 - *Second receiver reports as zones 88 and 89.*

RF Sensor Trouble

- ♦ Trouble - XXXX E381 00 C00Z (V) TROUBLE - RF Sensor Super-#00Z
- ♦ Restore - XXXX R381 00 C00Z (V) RESTORE - RF Sensor Super-#00Z
 - *Trouble = xmitter does not check-in.*
 - *Restore = xmitter checks-in*

4140XMPT

RF Transmitter Low Battery

- Low Batt - XXXX E384 00 C00Z (V) TROUBLE - RF Sensor Battery-#00Z
- Restore - XXXX R384 00 C00Z (V) RESTORE - RF Sensor Battery-#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

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

4140XMPT

EVENT LOG

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

4140XMPT

Written by:

Christopher Martin

Published by:

**ADEMCO Technical
Support Group**