

## EXPLANATION OF CONTACT ID ON THE ADEMCO 4120XM

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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 = (00) Always zero's.

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

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SUMMARY OF EVENT CODES

CODE	DEFINITION
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 04,10
134	Entry/Exit Burglary - Response Type 01, 02
135	Day/Night Burglary Alarm - Response Type 05
143	RF Expander Failure-Alarm
150	24 Hour Auxiliary - Response Type 08
301	AC Loss
302	Low System Battery
305	System Reset
306	Program Tamper

333 RF Expander Failure-Trouble  
373 Fire Loop Trouble - Response Type 09  
380 Sensor Trouble - Response Type 05  
381 RF Sensor Trouble  
384 RF Transmitter Low Battery  
401 Open/Close by User  
403 Power Up Armed  
406 Cancel by User  
407 Opening/Closing Remote (downloader)  
408 Quick Arming  
409 Keyswitch Open/Close  
411 Callback Requested  
441 Armed- Stay Mode  
570 Bypass  
601 Manually Triggered Test  
602 Periodic Test

#### 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.

#### ALARMS

Entry/Exit Burglary - Response types 01, 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, 10

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

Restore = XXXX R132 00 C00Z (V) RESTORE - Interior-#00Z

333 RF Expander Failure-Trouble

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

4219 Tamper (control armed)

Alarm = XXXX E135 00 C083 (V) \*BURG\* - Day/Night - #083

Restore = XXXX R135 00 C083 (V) RESTORE - Day/Night - #0083

4219 Supervision (control armed)

Alarm = XXXX E135 00 C081 (V) \*BURG\* - Day/Night - #081

Restore = XXXX R135 00 C081 (V) RESTORE - Day/Night - #081

RF Expander Failure - Alarm

Alarm = XXXX E143 00 C00Z (V) \*ALARM\* - Exp. Module Fail -#00Z

Restore = XXXX R143 00 C00Z (V) RESTORE - Exp. Module Fail -#00Z

ZONE TROUBLES

Sensor Trouble - Response Type 05 (Day/Night Zone)

Day/Night - Response Type 05

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

#### 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

##### 4219 Tamper (control disarmed)

Trouble = XXXX E380 00 C083 (V) TROUBLE - Sensor Trouble - #083

Restore = XXXX R380 00 C083 (V) RESTORE - Sensor Trouble - #083

##### 4219 Supervision (control disarmed)

Trouble = XXXX E380 00 C081 (V) TROUBLE - Sensor Trouble - #081

Restore = XXXX R380 00 C081 (V) RESTORE - Sensor Trouble - #081

##### 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 R380 00 C00Z (V) RESTORE - Sensor Trouble-#00Z

Trouble = xmitter does not chech-in.

Restore = xmitter checks-in

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 (must enable user 7 for opening closings)

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

Trouble = xmitter does not chech-in.

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

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

Periodic Test

XXXX E602 00 C000 (V) TEST - Periodic

Manually Triggered Test

XXXX E601 00 C000 (V) TEST - Manually Triggered

Power Up Armed

XXXX R403 00 U000 (V) Closing - Automatic

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