



**DESCRIPTION OF**  
**CONTACT ID FORMAT**

**4110XM**

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**EXPLANATION:** 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 the 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) ID 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: CCC Q EEE GG ZZZ where:

CCCC = Customer (subscriber) number.

Q = Event qualifier, where: E = New event (1) and R = Restore (3).

EEE = Event code (3 Hexadecimal digits), defined in the table below.

GG = Always 00

ZZZ = Zone/Contact ID number reporting the alarm (001-099), or user number (001-022 for open/close reports.) System status messages (AC Loss, Walk Test, etc). Contain zeroes in the ZZZ location.

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

**ADVISORY:** Ademco's new Contact ID reporting is capable of uniquely reporting all 64 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. 685 software levels below 4.4 cannot support Contact ID reporting. For information regarding updating the 685 receiver, contact Ademco's Technical Support Group at 1-800-654-7492.

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I. Summary of Event Codes:

<u>CODE</u>	<u>DEFINITION</u>
110 - - - - -	Fire Alarm
121 - - - - -	Duress
122 - - - - -	Silent Panic
123 - - - - -	Audible Panic
131 - - - - -	Perimeter Burglary
132 - - - - -	Interior Burglary
134 - - - - -	Entry/Exit Burglary
135 - - - - -	Day/Night Burglary
137 - - - - -	Keyswitch Tamper - Alarm and/or RF Receiver Fault - Alarm
150 - - - - -	24 HR Auxiliary
301 - - - - -	AC Loss
302 - - - - -	Low System Battery
309 - - - - -	Battery Test Fail
380 - - - - -	Global Trouble Restore = For Day/Night, Fire Zone, RF Receiver, RF Transmitters and Keyswitch Tamper
381 - - - - -	RF Transmitter No Check-In
383 - - - - -	RF Receiver Fault
384 - - - - -	RF Transmitter Low Battery
401 - - - - -	Open/Close by User
406 - - - - -	Cancel
407 - - - - -	Remote Arm/Disarm
408 - - - - -	Quick Arm
409 - - - - -	Keyswitch Open/Close
570 - - - - -	Bypass
601 - - - - -	Manually Triggered Test
602 - - - - -	Periodic Test

II. The following are contact I.D. Reports listed by Event (IE. Alarms, Restores) and appear exactly as they would on a 685 Receiver:

WHAT TO EXPECT AT CENTRAL STATION

XXXX	R101	00	C000	
Printer				
Subscriber	Event	Always	Contact #	English
I.D.	Code	" 00 "	or User	Language Message

ALARMS

Entry/Exit - Response Type #1 & #2

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

Perimeter - Response Type #3

Alarm = XXXX E131 00 C00Z (V) \*Burg\* -Perimeter-#00Z  
Restore = XXXX R134 00 C00Z (V) Restore-Perimeter-#00Z

Interior - Response Type #4 & #10

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

Day/Night Zone - Response Type #5

**PANEL ARMED:**

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

**PANEL DISARMED:**

Fault = XXXX E380 00 C00Z (V) Trouble-Contact Trouble-#00Z  
\*Restore = XXXX R380 00 C00Z (V) Restore-Contact Trouble-#00Z  
\*(See \*69 explanation on last page)

24 Hour Silent - Response Type #6

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

24 Hour Audible - Response Type #7

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

24 Hour Auxiliary - Response Type #8

Alarm = XXXX E150 00 C00Z (V) \*Alarm\* -24HR Non-Burg #00Z  
Restore = XXXX R150 00 C00Z (V) Restore-24HR Non-Burg #00Z

Fire Alarm - Response Type #9

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

Duress

XXXX E121 00 C008 (V) \*Panic\* - Duress

\* + # Panic Key

Report is identical to response type keys are programmed for, except zone # is always 7.

OPENING / CLOSING

Quick Arming

XXXX R408 00 U000 (V) Closing - Quick Arm

Opening - Any User

XXXX E401 00 U00Z (V) Opening - User #00Z  
          user                          user  
          1-8                          1-8

Remote Arming/Disarming with V-Link

Arm = XXXX R407 00 U000 - Closing User - #000  
Disarm = XXXX E407 00 U000 - Opening User - #000

(Some beta versions may send E401 or R401)

Keyswitch

Arm = XXXX R409 00 U000 (V) Closing - Keyswitch  
Disarm = XXXX E409 00 U0000 (V) Opening - Keyswitch

BYPASS

Bypass a Zone = XXXX E570 00 C00Z (V) Bypass-Zone Bypass - #00Z  
\*Clear Bypass = XXXX R570 00 C00Z (V) Restore-Zone Bypass - #00Z  
\*(See \*69 Explanation on last page)

TROUBLES

AC Power Loss

Loss = XXXX E301 00 C000 (V) Trouble - AC Power  
Restore = XXXX R301 00 C000 (V) Restore - AC Power

Low Battery (On System)

During test cycle = XXXX E309 00 C000 (V) Trouble Battery Test Failure

After AC loss = XXXX E302 00 C000 (V) Trouble - Low System Battery

Restore = XXXX R302 00 C000 (V) Restore - Low System Battery

Low Battery - RF Transmitter

Xmitters Low Battery = XXXX E384 00 C00Z (V) Trouble-RF Sensor #00Z Battery

Wireless Keypad Low = XXXX E384 00 C000 (V) Trouble-RF Sensor#000 Battery

Battery

\*Restore = XXXX R384 00 C00Z (V) Restore-RF Sensor Battery-#00Z

\*(See explanation on back page for \*69)

Fire Zone - Trouble

Fault - XXXX E380 00 C00Z (V) Trouble - Contact Trouble - #00Z

Restore - XXXX R380 00 C00Z (V) Restore - Contact Trouble - #00Z

\*(See \*69 explanation on last page)

4281-8 Receiver

(Receiver connected improperly or not receiving any Signals)

Control Disarmed:

Trouble - XXXX E383 00 C009 (V) Trouble - Sensor Tamper - #009

Restore - XXXX R383 00 C009 (V) Restore - Sensor Tamper - #009

\*If field \*61 is programmed (1), a Restore Report will be sent as follows:

XXXX R380 00 C000 (V) Restore - Sensor Trouble # 000

Control Armed:

Trouble - XXXX E137 00 C009 (V) \*Burg\* - Tamper - #009

Restore - XXXX R137 00 C009 (V) Restore - Tamper - #009

RF Transmitter

No Check-In = XXXX E381 00 C00Z (V) Trouble-RF sensor Super-00Z  
Restore = XXXX R381 00 C00Z (V) Restore - Sensor Tamper - #00Z

\* If field \*61 is programmed as a (1), a Restore Report will appear as follows:

XXXX R380 00 C000 (V) Restore - Sensor Trouble - # 000

KEYSWITCH TAMPER

Tamper in Disarmed State:

Trouble = XXXX E380 00 C009 (V) Trouble - Sensor Tamper - #009  
\*Restore = XXXX R380 00 C009 (V) Restore - Sensor Tamper - #009  
\*(See explanation on last page)

Tamper in Armed State:

Alarm = XXXX E137 00 C009 (V) \*Burg\* - Tamper - #009  
Restore = XXXX R137 00 C009 (V) Restore - Tamper - #009

TEST

Manual Test

XXXX E601 00 C000 (V) Test Manually Triggered

Periodic Test

XXXX E602 00 C000 (V) - Test Periodic

CANCEL

Cancel Code

XXXX E406 00 C00Z (V) Opening - Closing - User #00Z



EXPLANATION OF PROGRAM FIELD # 69

Field #69 in the programming will affect the way restores are Reported to the Central Station for Troubles, Transmitter Low Batteries and Bypasses. If Field #69 is programmed as a 1, then only one restore report will be sent for each event (IE BYPASS, DAY/NIGHT ZONE) and the report will not include a zone.

For Example:

Bypassing 3 Zones will generate 3 bypass reports indication which zones were bypassed. However, upon restoring bypasses, only one restore report will be sent.

If #69 is left as "0", bypassing 3 zones will generate 3 restore reports.