Fire·Lite Alarms
by Honeywell

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ECC-RTZM Remote Telephone Zone Module
Product Installation Document

PN LS10034-000FL-E:A   9/4/2013   13-420

1 Overview

The ECC-RTZM is an optional Remote Telephone Zone Module for use with the ECC-50/100 Emergency Command Center. The ECC-RTZM allows secure access to the system via cell phone or other remote telephone. It mounts behind the batteries in the ECC cabinet and connects to J9 on the main control board. Refer to the *ECC-50/100 Manual*. Use of the ECC-RTZM with the ECC-50/100 requires the approval of the local Authority Having Jurisdiction. It is *not* UL 864 or UL 2572 listed.

NOTE: Installation and wiring of this device must be done in accordance with NFPA 72 and local ordinances.

2 Telephone Requirements and Warnings

2.1 Telephone Circuitry - P5

Ringer Equivalence Number (REN) = <u>0.0B</u>
AC Impedance: 600 Ω
Complies with FCC Part 68
Mates with RJ31X Male Connector
Product Model Number: ECC-RTZM
FCC Registration Number: <u>1W6AL00BRTZM</u>
FCC ID label is located on the inside cover.

The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to the line as determined by the total RENs, contact the telephone company to determine the maximum REN for the calling area.

2.2 Control Panel

Before connecting the control panel to the public switched telephone network, the installation of an RJ31X jack is necessary. If trouble is experienced with this equipment, for repair or warranty information, please contact:

Manufacturer: Fire•Lite Alarms by Honeywell
One Fire-Lite Place
Northford, CT 06472

2.3 Telephone Company Rights and Warnings

The telephone company, under certain circumstances, may temporarily discontinue services and/or make changes in its facilities, services, equipment or procedures which may affect the operation of this control panel. However, the telephone company is required to give advance notice of such changes or interruptions. If the control panel causes harm to the telephone network, the telephone company reserves the right to temporarily discontinue service. Advance notification will be provided except in cases when advance notice is not practical. In such cases, notification will be provided as soon as possible. The opportunity will be given to correct any problems and to file a complaint.

DO NOT CONNECT THIS PRODUCT TO COIN TELEPHONE, GROUND START OR PARTY LINE SERVICES.

When the control panel activates, premise phones will be disconnected.

Two separate phone lines are required. Do not connect both telephone interfaces to the same telephone line. The control panel must be connected to the public switched telephone network upstream of any private telephone system at the protected premises.

An FCC compliant telephone cord must be used with this equipment. This equipment is designed to be connected to the telephone network or premises wiring using a compatible RJ31X male modular plug which is Part 68 compliant.

2.4   For Canadian Applications

This product meets the applicable Industry Canada technical specifications. / Le présent matériel est conforme aux specifications techniques applicables d'Industrie Canada.

The following is excerpted from DC-01 Issue 4:

NOTICE: The Industry Canada (IC) label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure, for their own protection, that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

CAUTION

Users should not attempt to make such connections themselves, but should contact the appropriate electric inspections authority, or electrician.

The Ringer Equivalence Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. the termination of an interface may consist of any combination of devices subject only to the requirement that the sum of the REN of all devices does not exceed 5. L'indice d'équivalence de la sonnerie (IES) sert à indiquer le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas cinq.

DOC Compliance - This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Representative: NOTIFIER/FIRE•LITE, CANADA
10 Whitmore Road
Woodbridge, Ontario L4L 7Z4
Phone: (905) 856-8733
FAX: (905) 856-9687

IC Certificate Number: 2132A-RTZM
Ringer Equivalence Number (REN): 0.0B

3 Installation

1. Insert the tab on the ECC-RTZM backplate into the mounting slot in bottom of backbox.

2. Secure the ECC-RTZM to the main control board using the supplied #8-32 keps nut with an 11/32" socket.

3. Plug the supplied cable from P5 on the ECC-RTZM to J9 on the main control board.

4. Connect phone line to J1 on the ECC-RTZM. See Figure 1.

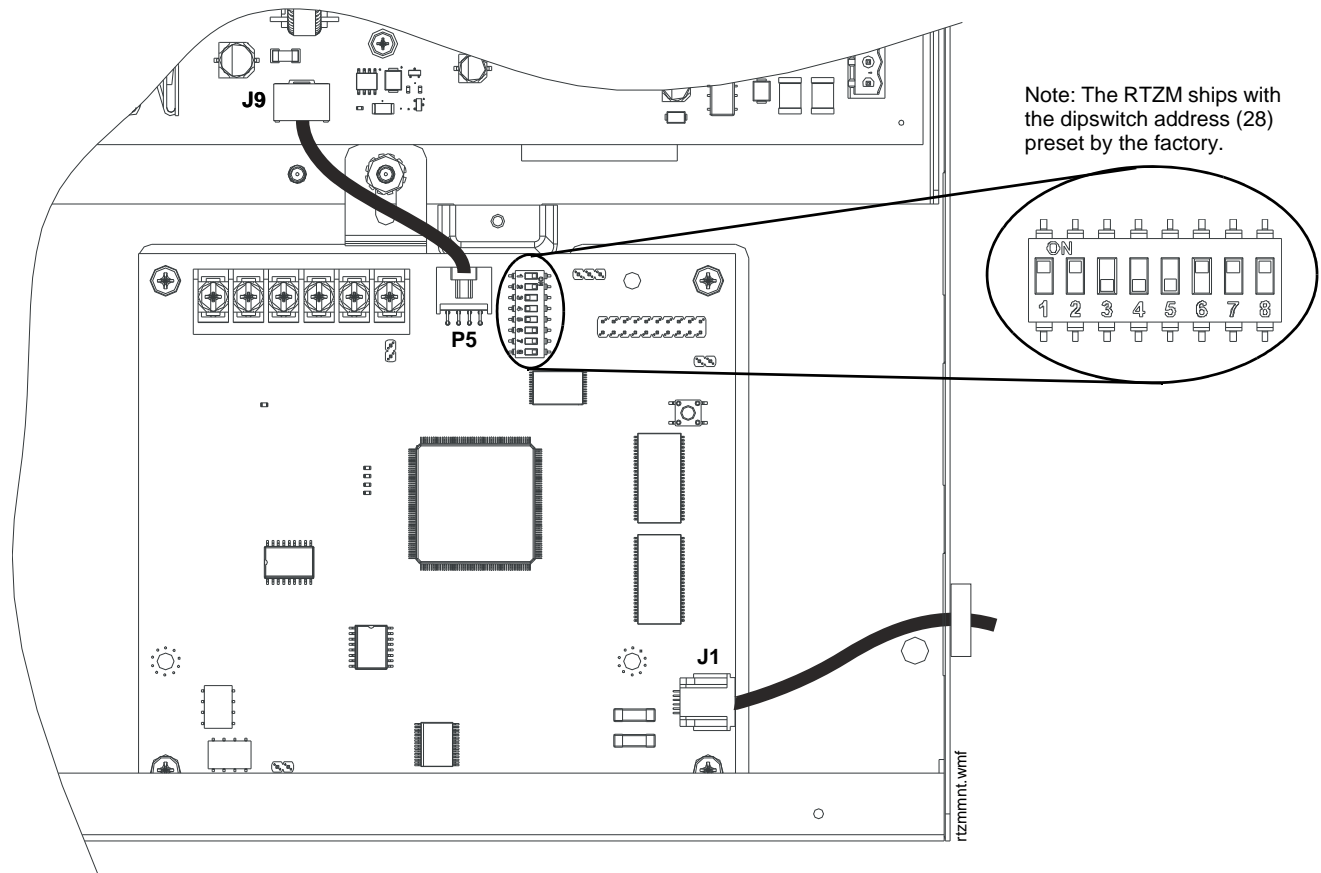5. Configure the ECC-RTZM through the web-based programming utility.

Note: The RTZM ships with the dipswitch address (28) preset by the factory.

Figure 1 ECC-RTZM Installation

4 Current Draw

Be sure to include the RTZM when calculating the system's current draw. Refer to the *ECC-50/100 Manual* for the complete calculation table.

• Standby Current: 0.055 amps

• Alarm Current: 0.060 amps

5 Programming

All RTZM programming is done using the built-in web-based programming utility. Refer to the programming section of the *ECC-50/100 Manual* for instructions on accessing the programming screens and all other ECC programming information.

5.1 Main Menu

This screen shows the main menu for the ECC user programming options. Changes to programming require a valid password for system login.
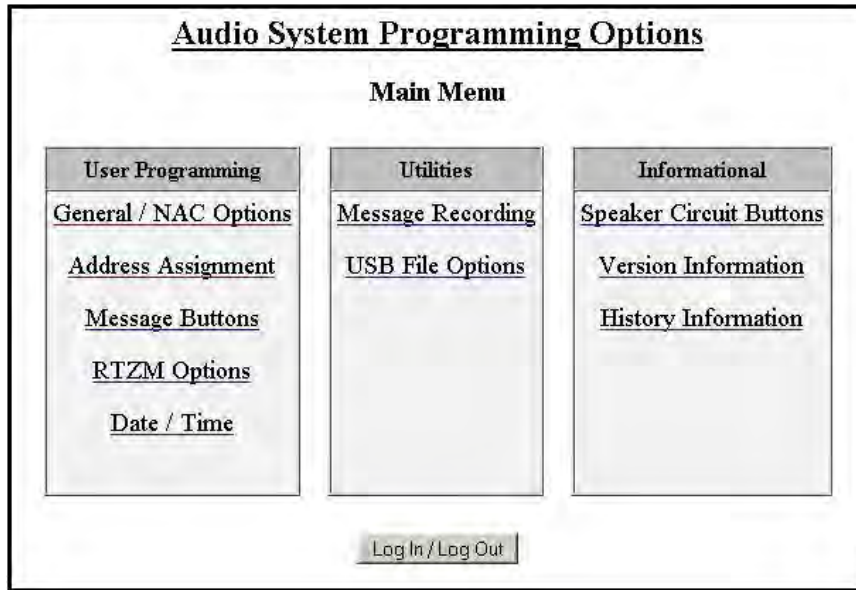
Audio System Programming Options

Main Menu

User Programming	Utilities	Informational
General / NAC Options	Message Recording	Speaker Circuit Buttons
Address Assignment	USB File Options	Version Information
Message Buttons		History Information
RTZM Options		
Date / Time		

Log In / Log Out

Figure 1.1 Main Menu

5.2 Address Assignment

Once the RTZM has been properly installed, it must be enabled in user programming and be given an address. Select Address Assignment from the Main Menu.
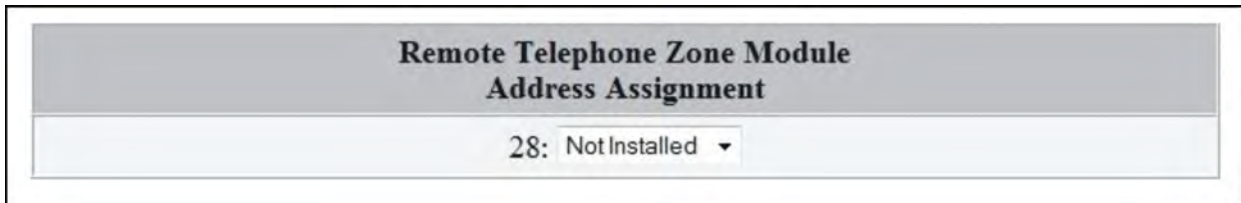
Remote Telephone Zone Module
Address Assignment

28: Not Installed ▾

Figure 1.2 RTZM Address Assignments

28: Select *RTZM* from the drop-down box to enable the RTZM and assign it to address 28. The address dipswitch is preset at the factory. (S2: 1 = ON, 2 = ON, 3 = OFF, 4 = OFF, 5 = OFF, 6 = ON, 7 = ON, 8 = ON)

5.3 RTZM Options

Configure the RTZM through the RTZM Options menu.

5.3.1 RTZM Options Menu

Audio System Programming Options

RTZM Options	
RTZM Password: ••••	Verify Password: ••••
DTMF Activity Timeout (3-20 Seconds): 8	Inter-Digit Timeout (3-15 Seconds): 8
Live Message Timeout (30-300 Seconds): 30	Silence Timeout (5-30 Seconds): 5
Answer Ring Count (2-10): 4	Welcome Message: Disabled ▾
Message Playback: Enabled ▾	Language: English ▾

rtzm.jpg

Figure 1.3 RTZM Options

RTZM Password If an RTZM has been installed on J9 of the main control board and Enabled in user programming, a 4-digit password must be assigned. Enter the 4-digit number here. (Default password: *0000*)

Verify Password Enter the 4-digit number again to verify it was entered correctly.   (Default password: *0000*)

DTMF Activity Timeout This is the amount of time the caller has to enter the password into the system. Enter a value between *3-20* seconds. If the time limit is exceeded, the call will end.

Inter-Digit Timeout Not available at this time.

Live Message Timeout Enter the total allowable time, between *30-300* seconds, a caller has use of the system. When this time expires, use of the system is relinquished.

Silence Timeout The RTZM module will end the call after it detects a programmed period of silence. Select the number of seconds, between *5-30*, that silence is allowed during a remote page.

Answer Ring Count Enter the amount of rings, between *2-10*, before the RTZM answers the incoming call.

Welcome Message An automated message can be played when accessing the system. Select *Enabled* if this welcome message is desired or *Disabled* to leave the message off.

Message Playback When *Enabled*, the RTZM allows the caller the ability to hear what is currently being broadcasted by the ECC system.

Language Select the desired language, *English*, *French*, *Spanish*, or *Portuguese* for the RTZM.
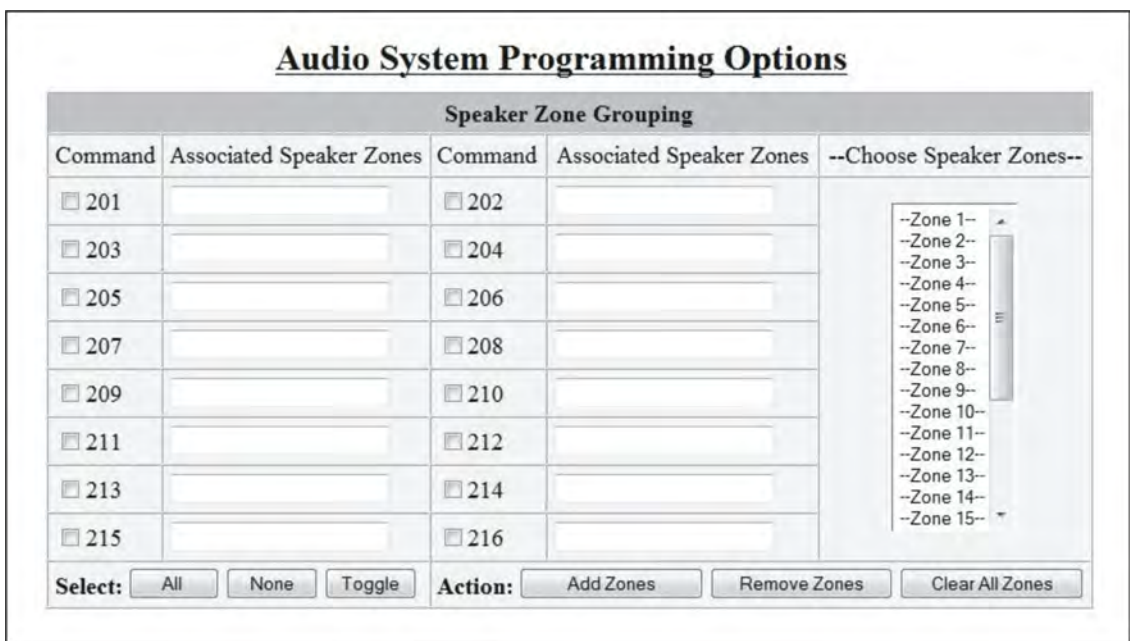
5.3.2 Caller ID Options

Audio System Programming Options

Caller ID Options	
Caller ID: Disabled ▾	Phone Number 1:
Phone Number 2:	Phone Number 3:
Phone Number 4:	Phone Number 5:

callerid.jpg

Figure 1.4 Caller ID Options

Caller ID: To allow faster access to the ECC system, a maximum of five (5) phone numbers can be identified as permissible users to the RTZM without having to enter the required password. Select *Enabled* if the Caller ID feature is desired.

Phone Numbers 1-5: Enter up to five (5) phone numbers of those users with permission to access the system remotely without having to go through the login process.

5.3.3 Speaker Zone Grouping

Figure 1.5 Speaker Zone Grouping

Commands 201 - 216 The RTZM allows up to 16 commands to remotely activate selected speaker zone groups. After correctly entering the code into the RTZM, the associated speaker circuits will activate and broadcast over the ECC system.

Choose Speaker Zones There is a maximum of 24 speaker zones available to the ECC-50/100 depending on the installation configuration. The zones will appear in this column for use in programming the command codes.

Associated Speaker Zones Each command can be associated with up to eight (8) speaker zones. These associated zones will activate when the respective command is issued to the RTZM.

Select The selection buttons allow for faster selection of command codes while programming. Pressing the *All* button selects all command codes. Pressing *None* deselects all command codes. And, pressing *Toggle* switches back and forth between the selected and deselected checkboxes. A maximum of eight (8) zones can be applied to a single command code.

Action After selecting the command code, click the desired speaker zone(s) to activate. Holding the "Control" or "Shift" key on the keyboard allows multiple zones to be selected at one time. Select *Add Zones* to apply the zone(s) to a command code(s). Selecting *Remove Zones* will delete the selected zones from the command and selecting *Clear All Zones* will clear all zones applied to the command code.

6 Operation

6.1 Password Input

When attempting to remotely access the system, the RTZM will prompt for a password. The password is four (4) digits followed by the pound sign (#). The default password for the RTZM is *0000*. However, if the password has been changed in User Programming, enter that 4-digit number followed by the pound sign (#).

6.2 Zone Activation

Action:	Dial:
Activate ALL zones	700#
Deactivate ALL Zones	700*
Activate individual zone [1]	001# ... 024#
Deactivate individual zone [1]	001* ... 024*
Activate zone group [2]	201# ... 216#
Deactivate zone group [2]	201* ... 216*

1 The last two numbers correspond to the zone number.
2 The last two numbers correspond to the zone group.

6.3 Message Selection

Action:	Dial:
Activate live paging	800#
Deactivate live paging	800*
Activate pre-recorded message [1]	801# ... 814#
Deactivate pre-recorded message [1]	801* ... 814*
Active ALL-CALL live paging	911#

1 The last two numbers correspond to the message number.

6.4 Welcome Message Recording

If the welcome message has been enabled in User Programing, it must be recorded remotely using a telephone.

Action:	Dial:
Enter message record mode	980#
Exit record mode at any time and go back to main menu	980*
Begin recording	981#
Stop recording	*
Hear playback of current message	982#
Save message to system	983#